2026 Spring Statistical Analysis Report

Iowa City Landfill and Recycling Center
Permit No. 52-SDP-01-72P

City of Iowa City, Iowa
Submittal Date: August 19, 2026

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Executive Summary

This 2026 Spring Statistical Analysis Report summarizes groundwater monitoring activities, associated data, and statistical analyses prepared by HDR Engineering, Inc. (HDR), on behalf of the City of Iowa City (City) for the City of Iowa City Sanitary Landfill (Landfill) during the 2026 Spring Semiannual Groundwater Monitoring Event. These activities were conducted in general accordance with the Iowa Administrative Code (IAC) 567 Chapter 113.10, and the additional Iowa Department of Natural Resources (IDNR) requirements specified in the Landfill's solid waste disposal permit number 52-SDP-01-72P, subsequent permit amendments, and the most recently approved Hydrologic Monitoring System Plan (HMSP).

Period of Report Coverage

This 2026 Spring Statistical Analysis Report summarizes results from the Spring 2026 Semiannual Groundwater Compliance Monitoring Event.

Detection Monitoring

During the Spring 2026 Monitoring Event, groundwater underdrain locations ST-1, WT-1, WT-2, WT-3, WT-4, and WT-OF and Monitoring Wells MW-1B, MW-310A, MW-312A, MW-408 and MW-410 were the locations monitored under the Detection Monitoring Program. Monitoring locations monitored under the Detection Monitoring Program are summarized on the attached **Table 1**. Statistically significant increases (SSIs) were detected in groundwater samples collected during the Spring 2026 Semiannual Compliance Monitoring Event from groundwater underdrain WT-3 (barium) and Monitoring Well MW-1B (barium). Per the underdrain discharge management plan dated September 20, 2023 (**IDNR Doc #107723**), if an SSI is not identified for the constituent at monitoring location WT-OF even though there was an SSI identified at the individual underdrain, no further action is required. Barium at monitoring location WT-OF was not identified as an SSI during the Spring 2026 Semiannual Compliance Monitoring Event. Thus, no further action is required at the groundwater underdrains. For barium at Monitoring Well MW-1B, a Verification Sampling Event will be conducted before the next Semiannual Compliance Sampling Event to confirm if an SSI exists and if the monitoring well needs to transition to the Assessment Monitoring Program.

The groundwater underdrains ST-1, WT-1, WT-2, WT-3, WT-4, and WT-OF and Monitoring Wells MW-310A, MW-312A, MW-408, and MW-410 will continue to be monitored under the Detection Monitoring Program during the next Semiannual Compliance Monitoring Event. Pending the results of the Verification Sampling Event, Monitoring Well MW-1B's monitoring program may be adjusted.

Assessment Monitoring

During the Spring 2026 Monitoring Event, select groundwater monitoring wells were monitored under the Assessment Monitoring Program. Wells being monitored under the Assessment Monitoring Program are summarized on the attached **Table 1**. For the Spring 2026 Semiannual Compliance Monitoring Event, SSIs were identified in Monitoring Wells MW-17A-00 (barium), MW-18AR (barium, dichlorodifluoromethane, and tetrachloroethene), MW-24A (arsenic),

MW-200A (barium), MW-215A (copper), MW-219A (barium), MW-220A (zinc), MW-7B1 (barium), and MW-31B (barium). Except for arsenic in MW-24A, barium in MW-17A-00, MW-219A, MW-7B1, and MW-31B, copper in MW-215A, and zinc in MW-220A, each of these SSIs have previously been detected at the Landfill in these monitoring wells. Confidence interval analysis for these SSIs did not indicate that these constituent concentrations exceeded a groundwater protection standard (GWPS) at a statistically significant level (SSL) for the Spring 2026 Semiannual Compliance Monitoring Event.

The monitoring wells monitored under the Assessment Monitoring Program during the Spring 2026 Semiannual Compliance Monitoring Event will continue to be monitored under the Assessment Monitoring Program during the next Semiannual Compliance Monitoring Event.

AZPOC Monitoring Locations

As indicated in the notification letter sent to IDNR dated September 15, 2025 (**IDNR Doc #113932**) regarding corrective action remedy completion and subsequent monitoring program modification, former AZPOC Monitoring Wells MW-1B, MW-310A, MW-312A, MW-408, and MW-410 are being monitored under the Detection Monitoring Program, and Monitoring Well MW-10B is being monitored under the Assessment Monitoring Program during the Spring 2026 Semiannual Compliance Monitoring Event. These monitoring wells are no longer identified as AZPOC monitoring locations and are listed under the respective Series A and Series B Monitoring Wells as summarized on the attached **Table 1**.

Corrective Action Monitoring

With IDNR's concurrence that the corrective action goals were met at the Landfill as indicated in a comment letter dated September 9, 2025 (**IDNR Doc #113818**), a notification letter was submitted to IDNR on September 15, 2025 (**IDNR Doc #113932**) indicating that the corrective action remedy for the Landfill was completed. According to September 15, 2025, letter, CAMP Delineation Monitoring Wells MW-2C-97, MW-7C, MW-11D, MW-15A, MW-306A, MW-404, MW-407, and MW-409 are no longer being sampled and monitored for analytes on a semiannual basis due to the completion of corrective action remedy. During the Spring 2026 Semiannual Compliance Monitoring Event, groundwater samples were not collected from these Delineation Monitoring Wells.

During the Spring 2026 Semiannual Compliance Monitoring Event, source characterization monitoring wells were monitored for trends in monitored constituents and changes in natural attenuation parameters (total organic carbon [TOC], nitrate as nitrogen, iron, manganese, and sulfate) to evaluate if groundwater impact was increasing or decreasing based on the selected corrective action remedy.

For the Spring 2026 Semiannual Compliance Monitoring Event, statistically significant increasing trends were identified for the following well-constituent pairs:

- Nickel: MW-209B

For the Spring 2026 Semiannual Compliance Monitoring Event, statistically significant decreasing trends were identified for the following well-constituent pairs:

- Trichloroethene: MW-18A-07

Based on the natural attenuation parameters, changes in groundwater chemistry at the source characterization monitoring wells appear to indicate that impact is being reduced and groundwater quality is improving.

Conclusion and Recommendations

The following conclusions are made and actions recommended for the continuation of groundwater compliance monitoring at the Landfill:

1. A majority of the groundwater impact is present in monitoring wells adjacent to the Non-Subtitle D Areas (Northern and Eastern Unlined/Clay-Lined Cells) of the Landfill. The sources of impact have been previously identified. Some areas are being influenced by leachate migration while landfill gas migration is the primary source of impact in other areas.
2. Source control via leachate and landfill gas management systems along with monitored natural attenuation is still being conducted at the Landfill.
3. Evaluation of the natural attenuation parameters indicates that natural attenuation processes are occurring in the groundwater adjacent to the Landfill.
4. Since barium was identified as a potential SSI at Detection Monitoring Well MW-1B, a verification groundwater sampling event will be conducted to confirm the presence of the SSI.
5. Continue collecting water level and well depth measurements, if scheduled, on a semiannual basis at each HMSP approved monitoring location.
6. Conduct groundwater monitoring at each HMSP approved monitoring location under the respective monitoring program as summarized on **Table 1** and **Table 2**.

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Acronyms/Abbreviations:

ACM = Assessment of Corrective Measures
AMSL = Above Mean Sea Level
ASD = Alternative Source Demonstration
AWQR = Annual Water Quality Report
AZPOC = Attenuation Zone Point of Compliance
CAMP = Corrective Action Monitoring Program
CI = Confidence Interval
DO = Dissolved Oxygen
DQR = Double Quantification Rule
GWPS = Groundwater Protection Standard
HDR = HDR Engineering, Inc.
HIR = Hydrogeologic Investigation Reports
HMSP = Hydrologic Monitoring System Plan
IAC = Iowa Administrative Code
IDNR = Iowa Department of Natural Resources
LCL = Lower Confidence Limit
LCS = Laboratory Control Sample
LCSD = Laboratory Sample Duplicate
LN = Lognormal
MCL = EPA Maximum Contaminant Level
MDL = Method Detection Limit
MS = Matrix Spike
MSD = Matrix Spike Duplicate
ORP = Oxidation Reduction Potential
UPL = Upper Prediction Limit
RCRA = Resource Conservation and Recovery Act
RL = Reporting Limit
RPD = Relative Percent Difference
SS = Statewide Standard (IDNR) for a protected groundwater source
SSI = Statistically Significant Increase above background
SSL = Statistically Significant Level above GWPS
UCL = Upper Confidence Limit

Note this list is a comprehensive list of common acronyms. All acronyms listed above may not have been used in the following report and/or attached tables

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Certification

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

08/19/2026

Richard Wilson — Date

Pages or sheets covered by this signature:

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

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

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1 Purpose

This 2026 Spring Statistical Analysis Report summarizes groundwater monitoring activities, associated data, and statistical analyses that were prepared by HDR Engineering, Inc. (HDR), on behalf of the City of Iowa City (City) for the City of Iowa City Sanitary Landfill (Landfill) for the Spring 2026 Semiannual Groundwater Monitoring Event. These activities were conducted in general accordance with the Iowa Administrative Code (IAC) 567 Chapter 113.10, and the additional Iowa Department of Natural Resources (IDNR) requirements specified in the Landfill's solid waste disposal permit number 52-SDP-01-72P, subsequent permit amendments, and the most recently approved Hydrologic Monitoring System Plan (HMSP).

2 Site Background

The City's Landfill and Recycling Center is located at 3900 Hebl Avenue Southwest, Iowa City, Iowa 52246. The Municipal Solid Waste Landfill (MSWLF) area is legally described as being located in the SE ¼; most of the E ½ and NW ¼ of the SW ¼; most of the SW ¼ of the NE ¼; the S ½ of the SE ¼ of the NE ¼; and 80 rod by 6 rod parcel off the S side of the SE ¼ of the NW ¼; all in Section 14, Township 79 North, Range 7 West, Johnson County, Iowa.

The MSWLF began receiving waste in 1972. Initial filling began in the north-central portion of the property. Construction of additional cells progressed to the south along the east side of the property and then northward along the west side of the existing MSWLF cells. Approximately 66.2 acres of the MSWLF are closed, and approximately 71.6 acres are currently active in various stages of service or fill. Cell Fiscal Year (FY) 09 was destroyed by fire in June 2012; a truncated portion of Cell FY09 was rebuilt and reopened in the fall of 2013. Cell FY18 was constructed in the summer of 2018 and is approximately 7.2 acres. Cell FY23 was constructed in 2023 and is approximately 11.0 acres. A site map depicting the characteristics of the MSWLF and surrounding vicinity is provided as **Figure 1**.

All active cells (Cells FY95, FY96, FY98, FY02, FY06, FY09, FY18, and FY23) were constructed with leachate drainage layers and collections systems. Pre-1991 cells have toe drains installed along the downgradient perimeters of those cells.

2.1 Site Status and Applicable Rules

The Landfill provides routine solid waste disposal services for generators in the permitted service area, which includes: all cities and unincorporated areas in Johnson County, Iowa and the cities of Kalona and Riverside in Washington County, Iowa.

2.2 Site Geology

Hydrogeologic investigations have been completed at the Landfill. A detailed description of the site's geology and hydrogeology is included in the *Soil and Hydrogeologic Investigation – Proposed Expansion Area, Iowa City Landfill and Recycling Center* dated August 2008 (Howard R. Green Company, **IDNR Doc #30283**). A summary of the Landfill's geology based on the August 2008 report is included in the following subsections.

2.2.1 Surficial Geology

The Landfill's ground surface elevation varies from 690 feet above mean sea level (AMSL) near the stream in the southeast corner of the facility to 785 feet in the northwest corner of the facility. Surficial deposits include loess, alluvium, glacial till, and glaciofluvial sand deposits. Bulk thickness of the surficial deposits is a function of the underlying bedrock topography and varies from about 90 feet thick in the southern portion of the site near the stream to about 140 feet thick in the north-central area near cell FY72.

Loess varies in thickness from five (5) to 20 feet. Generally present in upland areas of the site and non-existent in lowland alluvial areas.

Alluvium is present along the north-south stream valleys located along the east and west sides of the Landfill Property. The confluence for these unnamed stream segments is approximately 0.25 miles south of the Landfill Property. Surface water flow in these unnamed stream segments eventually discharge into Old Man's Creek at a confluence approximately 2.25 miles south of the Landfill Property. The alluvium is generally silt, clay, and silty clay, with thin interbedded silty sand and sand layers. Alluvium thickness increases when moving from north to south along the general surface water flow path of the unnamed stream segments.

Glacial till is present under the alluvial and loess deposits in the area. The glacial till is dominated by clay sediments with thin, discontinuous sand lenses. Weathered till is present in the upper portion of the formation and overlies unweathered till. Weathered till is generally lighter brown or gray color with mottling that is interpreted as oxidation from moving water through the material. Unweathered till is very stiff with a darker gray color and no evidence of oxidation.

Glaciofluvial sand is an intra-till unit which is glacial outwash deposits. The layer, identified as Sand Unit B, is continuous across the site. Sand Unit B is confined by the unweathered till and its thickness is variable due to its outwash origin.

Previous landfill activities and infrastructure have affected surficial geology and hydrogeology at the facility. Specifically, where the construction of landfill cells has penetrated, to varying degrees, into the loess or weathered till, the local groundwater surface flow pattern is modified, and lateral continuity of the surficial deposits is disrupted.

2.2.2 Bedrock Geology

The uppermost bedrock at the Landfill is gray, weathered limestone of the Devonian-age Cedar Valley Formation. Depth to bedrock varies from approximately 90 to 140 feet below ground surface. The erosion slope of the bedrock indicates higher bedrock surface elevation in the north (~630 feet AMSL) to a lower elevation in the south (~590 feet AMSL)

2.3 Site Hydrology

The major hydrogeologic units and corresponding order-of-magnitude horizontal hydraulic conductivity (K_h) are the following:

- Loess and weathered glacial till: 10^{-4} centimeters per second (cm/sec),
- Alluvium: 10^{-4} cm/sec,
- Intra-till Sand Unit B: 10^{-3} cm/sec,

- Unweathered glacial till: 10^{-5} cm/sec,
- Limestone Bedrock: 10^{-4} cm/sec.

The water table aquifer traverses loess, weathered till, and alluvium at the Landfill and is considered the uppermost aquifer. Sand Unit B forms the uppermost continuous aquifer across the site. The groundwater in Sand Unit B is confined by unweathered till which provides upper and lower confining units to the glacial outwash aquifer. The limestone bedrock is a regional aquifer.

The uppermost aquifer (water table aquifer) is represented by the A-series wells screened in loess and/or weathered till and the B-series wells screened in alluvium. The confined, continuous aquifer in the glacial outwash, Sand Unit B, is represented by the C-series wells. The confining unweathered till units are represented by the D-series wells (except for MW-17D and MW-18D1 which are screened in weathered till). The Devonian-age limestone bedrock aquifer is represented by the E-series wells.

2.3.1 Horizontal Groundwater Flow

Local and intermediate groundwater flow systems control groundwater movement at the Landfill. Based on groundwater flow evaluations, horizontal groundwater flow is higher relative to vertical groundwater flow due to the low permeability of the unweathered till. Due to the presence of the unweathered till, the uppermost water table aquifer, the confined Sand Unit B aquifer, and bedrock aquifer are hydrologically distinct units, but are not completely isolated from each other.

The unconfined, water table aquifer groundwater flow is generally from the north-northwest and into the adjacent stream valleys on the east-southeast and west-southwest sides of the Landfill. Groundwater flow in the confined, Sand Unit B, aquifer is generally from the north to south. Groundwater flow in the bedrock aquifer is generally from the south-southeast to the north-northwest, but with a relatively flat gradient.

3 Monitoring Network and Sampling Procedures

3.1 Monitoring Network

The HMSP monitoring locations for the site are summarized on the attached **Table 1**. The HMSP monitoring network includes upgradient/background and downgradient monitoring wells for the water table aquifer (A-series and B-series monitored formations) and groundwater underdrain/tile line monitoring locations. With the implementation of the Corrective Action Groundwater Monitoring Program (CAMP) [approved September 2, 2021], the Attenuation Zone Point of Compliance (AZPOC) Monitoring Wells and Source Characterization Monitoring Wells were established. With IDNR's concurrence that the corrective action goals were met at the Landfill as indicated in a comment letter dated September 9, 2025 (**IDNR Doc #113818**), a notification letter was sent to IDNR on September 15, 2025 (**IDNR Doc #113932**) indicating that the corrective action remedy for the Landfill was completed. CAMP Delineation Monitoring Wells MW-2C-97, MW-7C, MW-11D, MW-15A, MW-306A, MW-404, MW-407, and MW-409 are no longer being sampled and monitored for analytes on a semiannual basis due to the completion of corrective action remedy. During the Spring 2026 Semiannual Compliance Monitoring Event,

former AZPOC Monitoring Wells MW-1B, MW-310A, MW-312A, MW-408, and MW-410 were monitored under the Detection Monitoring Program and Monitoring Well MW-10B was monitored under the Assessment Monitoring Program. **Table 1** summarizes the current monitoring program for each monitoring point. **Table 2** provides the monitoring program implementation plan and sampling schedule for the HMSP and CAMP monitoring networks.

The 2026 Spring semiannual detection, assessment, and corrective action monitoring were conducted at the groundwater monitoring locations on May 4 to May 12, 2026. Details regarding the statistical analysis of this monitoring event are summarized in **Appendix A.** The monitoring locations sampled during the monitoring event and the constituents analyzed for are summarized in **Table 2**. During the Spring 2026 Semiannual Compliance Sampling Event, each monitoring location was sampled except for groundwater underdrain ST-1. Field personnel indicated the monitoring location ST-1 was not discharging during the sampling event.

Completed field sampling forms are included in **Appendix B** and the laboratory analytical reports are provided in **Appendix C** for the Spring 2026 Semiannual Compliance Monitoring Event. Historical groundwater data is provided in **Appendix D**.

3.2 Sampling Procedures

City of Iowa City personnel conducted the groundwater sampling activities during the Spring 2026 Semiannual Compliance Monitoring Event. A water level indicator was used to measure the static water level in each of the monitoring wells prior to purging and sampling. Static water levels in site monitoring wells were used to determine the groundwater elevation during the Spring 2026 Semiannual Compliance Monitoring Event and are shown in the attached **Figure 2**. During the Spring 2026 Semiannual Compliance Monitoring Event, groundwater elevations at the site's monitoring wells ranged from 688.33 (MW-1A) to 763.13 (MW-18A-07) feet AMSL. Groundwater flow direction is generally from the north-northwest with diversions into the adjacent stream valleys on the east-southeast and west-southwest sides of the Landfill.

In addition to measuring depth to groundwater (static water level) during the sampling event, field parameters were measured to verify and document the presence of a stable and representative sample medium prior to collection. A multi-parameter meter with flow cell was used to evaluate geochemical measurements including temperature, conductivity, dissolved oxygen (DO), and pH of purged groundwater prior to sampling. Geochemical measurements for the Spring 2026 Semiannual Compliance Monitoring Event were recorded on the field sampling forms and are provided in **Appendix B**. Current well conditions including casing degradation, collision, or vandalism are provided on the sampling forms. No well maintenance items were noted during the Spring 2026 Semiannual Compliance Monitoring Event except for Monitoring Well MW-215A. Field personnel indicated Monitoring Well MW-215A had a broken or bent well casing and that discharge water was gray and cloudy.

Groundwater samples were collected using either a dedicated submersible pump or peristaltic pump at each monitoring well, except for Monitoring Well MW-31B and MW-215A. A Waterra foot valve sampling device was used to collect a groundwater sample from Monitoring Wells MW-31B and MW-215A. Groundwater samples from groundwater underdrains were collected

as grab samples using a clean laboratory container to collect the sample from the discharge, if flowing.

4 Data Evaluation and Summary

Statistical analyses were completed using Sanitas™ (Sanitas Technologies) software. The following sections describe the statistical methodology used for each monitoring program. Additional information on specific statistical equations used in the Sanitas™ program can be provided under separate cover upon request. Note that J-flagged concentrations [concentration between the method detection limit (MDL) and reporting limit (RL)] are not considered statistically significant.

Prior to statistical analysis, the groundwater data for each sampling and analysis event was reviewed for outliers and trends. The review included evaluations using time series plots, box-whiskers plots, Sen's Slope/Mann-Kendall trend tests, and outlier screening. If the data is determined to be an outlier, the data point may be replaced with a corrected value, discarded from statistical calculations, or left "as is" in the database. Detected outliers for well/constituent pairs are provided in the outlier summary in **Appendix A.**

A monitoring program summary (**Table 1**) provides a detailed summary of the monitoring wells and current monitoring program. The most recent and upcoming sampling schedule is provided in **Table 2**. The monitoring well maintenance schedule (**Table 3**) and performance summaries (**Table 4**) are provided as attachments to this report. A database of historical groundwater data collected at the Landfill from monitoring wells and groundwater underdrains are provided in **Table 9A** and **Table 9B**, respectively, which are included in **Appendix D**. Historic statistically significant increases (SSIs) and statistically significant levels (SSLs) are summarized on **Table 10**.

4.1 Detection Monitoring

Under the Detection Monitoring Program of the IAC 567 113.10(5), Appendix I monitoring results are statistically compared to background levels as given in IAC 113.10(6)"*e*". The background data set for the HMSP monitoring wells which includes concentrations measured in background/up-gradient Monitoring Wells MW-34A, MW-38A, and MW-39B is used to evaluate SSIs for inorganic constituents by comparison to the interwell upper prediction limit (UPL). The detection monitoring statistical evaluations for the groundwater underdrain monitoring points (ST-1, WT-1, WT-2, WT-3, WT-4, WT-OF) in the HMSP monitoring network utilize an intrawell UPL for evaluating SSIs for inorganic constituents. A summary of background levels calculated for inorganic constituents detected above laboratory RLs in the HMSP monitoring wells and groundwater underdrains are summarized on the attached **Table 5**.

A "1-of-2" retesting plan is used on individual sample results. The 1-of-2 retesting plan as defined in the Environmental Protection Agency's (EPA) Unified Guidance concludes that an SSI has occurred when 2 out of 2 consecutive sample results exceed the UPL, while no SSI is concluded if 1-of-2 is below the limit. The UPL for each constituent is recalculated semiannually. If an SSI above the UPL is identified, the monitoring location would be required to enter the

Assessment Monitoring Program, unless an alternative source demonstration (ASD) successfully demonstrates a source other than the landfill caused the SSI.

For interwell constituents with greater than or equal to 50% non-detects in the background data set, a non-parametric prediction limit is used. The non-parametric prediction limit is taken as the maximum order statistic (maximum value) of the background data. For interwell constituents with less than 50% non-detects in the background data set, normality assumptions are verified using the Shapiro-Wilk Normality Test. If the background data is not normally distributed, a non-parametric prediction limit is used. If the background data is normally distributed or can be fit to a normal distribution using a normalizing transformation, then a normal-based parametric prediction limit is applied.

For organic constituents without historical detections in the background datasets for the monitoring wells and groundwater underdrains, the Double Quantification Rule (DQR) analysis is used. This method states that detection of the same constituent in two consecutive sampling events in the same monitoring point indicates an SSI, and the monitoring point must be placed into the Assessment Monitoring Program. This evaluation is conducted in a rolling manner using single observations from the semiannual and resample events, as necessary. For newly detected constituents, the resample event will be completed within 90 days of the original exceedance as stated in the IDNR memo for Double Quantification Rule Resampling dated June 22, 2017.

During the Spring 2026 Semiannual Compliance Monitoring Event, former AZPOC Monitoring Wells MW-1B, MW-310A, MW-312A, MW-408, and MW-410 were managed under the Detection Monitoring Program along with the groundwater underdrains ST-1, WT-1, WT-2, WT-3, WT-4 and WT-OF. Results of the most recent sampling event for monitoring locations managed under the Detection Monitoring Program are summarized in **Table 6**. During the Spring 2026 Semiannual Compliance Monitoring Event, SSIs were identified in groundwater underdrain WT-3 (barium) and Monitoring Well MW-1B (barium). The Sanitas™ statistical reports are included in **Appendix A**.

As approved in correspondence dated September 20, 2023 (**IDNR Doc #107723**), a site-specific underdrain discharge management plan was developed which includes the following aspects:

- The individual discharge points WT-1, WT-2, WT-3, and WT-4 are currently evaluated semiannually by intrawell prediction limits. Once sufficient background has been collected for combined outfall monitoring point WT-OF, intrawell prediction limits will be calculated from WT-OF data in addition to the individual discharge points.
- If an SSI is indicated for WT-1, WT-2, WT-3, and/or WT-4 before sufficient background has been collected for WT-OF, the indicated SSI will not require verification. If an SSI is indicated in an individual discharge point, analytical results from WT-OF will be compared to the prediction limits of the individual discharge point-constituent pairs to determine appropriate actions.

- Once sufficient data is available to perform statistical evaluation for WT-OF, SSIs indicated in the individual monitoring points will not trigger additional action if the concentrations in WT-OF are below its respective intrawell prediction limits.

- If an SSI is identified at monitoring point WT-OF, verification sampling will occur. If the SSI is confirmed, appropriate management of the discharge will be evaluated and implemented after IDNR concurrence.

Since sufficient background data has been collected at monitoring location WT-OF, the constituent concentration for barium measured in the WT-OF sample was compared to the intrawell UPL calculated from background data collected at WT-OF. An SSI was not identified for barium for the WT-OF monitoring location. Since an SSI was not identified at WT-OF for barium, no further action is required for the barium SSI identified at groundwater underdrain WT-3. These locations will continue to be monitored under the Detection Monitoring Program.

For barium at Monitoring Well MW-1B, a Verification Sampling Event will be conducted prior to the next Semiannual Compliance Sampling Event to confirm if an SSI exists. If an SSI is confirmed for barium, Monitoring Well MW-1B would need to transition into the Assessment Monitoring Program. If an SSI is not confirmed, the monitoring well would remain in the Detection Monitoring Program.

The groundwater underdrains ST-1, WT-1, WT-2, WT-3, WT-4, and WT-OF and Monitoring Wells MW-310A, MW-312A, MW-408, and MW-410 will continue to be monitored under the Detection Monitoring Program during the next Semiannual Compliance Monitoring Event. Pending the results of the Verification Sampling Event, Monitoring Well MW-1B's monitoring program may be adjusted.

4.2 Assessment Monitoring

Under the Assessment Monitoring Program of IAC 113.10(6), Appendix I and II monitoring results are statistically compared to UPLs as given in IAC 113.10(6)"*e*" and to the groundwater protection standard (GWPS) as given in IAC 113.10(6)"*g*" and "*h*". Interwell prediction limits are used to statistically evaluate SSIs over background for the Appendix I and II constituents with historical detections in the background dataset, and the DQR method is used for organic constituents to evaluate SSIs, as previously discussed in **Section 4.1**.

Constituents at monitoring locations which have been determined to be statistically above the UPL are also statistically compared to the GWPS to identify SSLs. The GWPS is the Iowa Statewide Standard (SS) for a Protected Groundwater Source (Statewide Standard). If no SS exists, or if the UPL concentrations are higher than the SS, the GWPS is defined as the UPL concentration. Per IAC 113.10(6)"*i*", an alternative GWPS may be established by IDNR for constituents for which there is no SS or EPA maximum contaminant level (MCL). Confidence Intervals (CIs) are used as the statistical strategy in assessment monitoring. In the case of normally distributed data, a normal-based parametric CI is used. If the data are not normally distributed, a non-parametric CI on the median is used.

According to IAC 113.10(6)“*e*”, a well may return from assessment monitoring to detection monitoring when all Appendix II constituents are “shown to be at or below background values, using the statistical procedures in paragraph 113.10(4)“*g*” for two consecutive sampling events.” Assessment monitoring continues when Appendix II concentrations are above background values but below the GWPS using the statistical procedures in §113.10(4)“*g*”.

If constituents are detected at SSLs above the GWPS, a notice is placed in the operating record and the monitoring location would be required to enter the Corrective Action Monitoring Program. At that time, requirements to initiate characterization of the nature and extent of the release (IAC 113.10(6)“*g*”) are triggered, and the owner or operator is required to initiate an assessment of corrective measures and select and implement a remedy in accordance with IAC 113.10(7), (8), and (9).

Results of the most recent sampling event for monitoring locations in the Assessment Monitoring Program are provided in **Table 7**. The Sanitas™ statistical reports are included in **Appendix A**. For the Spring 2026 Semiannual Compliance Monitoring Event, SSIs were identified for Monitoring Wells MW-17A-00 (barium), MW-18AR (barium, dichlorodifluoromethane, and tetrachloroethene), MW-24A (arsenic), MW-200A (barium), MW-215A (copper), MW-219A (barium), MW-220A (zinc), MW-7B1 (barium), and MW-31B (barium). Except for arsenic in MW-24A, barium in MW-17A-00, MW-219A, MW-7B1, and MW-31B, copper in MW-215A, and zinc in MW-220A ,the other SSIs identified during the Spring 2026 Semiannual Compliance Monitoring Event have historically been detected at these monitoring wells. The CIs for the well-constituent pairs identified as SSIs were compared to their respective GWPS. Based on the statistical analysis, an SSL was not identified during the Spring 2026 Semiannual Compliance Monitoring Event (**Table 8**).

The monitoring wells monitored under the Assessment Monitoring Program during the Spring 2026 Semiannual Compliance Monitoring Event will continue to be monitored under the Assessment Monitoring Program during the next Semiannual Compliance Monitoring Event.

4.3 AZPOC Monitoring Locations

As indicated in the notification letter sent to IDNR dated September 15, 2025 (**IDNR Doc #113932**) regarding corrective action remedy completion and subsequent monitoring program modification, former AZPOC monitoring locations MW-1B, MW-310A, MW-312A, MW-408, and MW-410 are being monitored under the Detection Monitoring Program, and Monitoring Well MW-10B is being monitored under the Assessment Monitoring Program during the Spring 2026 Semiannual Compliance Monitoring Event. These monitoring wells are no longer being identified as AZPOC monitoring locations and are listed under the respective Series A and Series B Monitoring Wells as summarized on the attached **Table 1**. These monitoring locations will be assessed in accordance with their respective Monitoring Program as detailed in **Section 4.1** and **Section 4.2**.

4.4 Corrective Action Monitoring Activities and Evaluation

4.4.1 Corrective Action/Bracketing Wells

Bracketing monitoring wells, as required in the CAMP, were used to define the horizontal and vertical extent of groundwater impact and assess changes in the extent of impact. The monitoring wells used for bracketing are summarized on **Table 1**. With IDNR's concurrence that the corrective action goals were met at the Landfill as indicated in a comment letter dated September 9, 2025 (**IDNR Doc #113818**), a notification letter was sent to IDNR on September 15, 2025 (**IDNR Doc #113932**), indicating that the corrective action remedy for the Landfill was completed. As indicated in the September 15, 2025, letter, CAMP Delineation Monitoring Wells MW-2C-97, MW-7C, MW-11D, MW-15A, MW-306A, MW-404, MW-407, and MW-409 are no longer being sampled and monitored for analytes on a semiannual basis due to the completion of corrective action remedy. During the Spring 2026 Semiannual Compliance Monitoring Event, groundwater samples were not collected from these Delineation Monitoring Wells.

4.4.2 Source Characterization Monitoring Wells

Source characterization monitoring wells are not compliance monitoring points. These are monitoring wells that were previously identified as having GWPS exceedances at SSLs. As a component of the CAMP, these monitoring wells were replaced by AZPOC monitoring points for compliance purposes. The monitoring wells used for source characterization are summarized on **Table 1**. The source characterization monitoring wells are sampled for the Appendix I and TSS constituents on a semiannual basis and natural attenuation parameters (total organic carbon [TOC], nitrate as nitrogen, iron, manganese, and sulfate) on an annual basis. The Appendix I, and TSS constituents detected above laboratory MDLs during the Spring 2026 Semiannual Compliance Monitoring Event are summarized on **Table 11** along with the calculated trends for the eight (8) most recent samples.

For the Spring 2026 Semiannual Compliance Monitoring Event, statistically significant increasing trends were identified for the following well-constituent pairs:

- Nickel: MW-209B

For the Spring 2026 Semiannual Compliance Monitoring Event, statistically significant decreasing trends were identified for the following well-constituent pairs:

- Trichloroethene: MW-18A-07

The parameters, TOC, nitrate as nitrogen, iron, manganese, and sulfate, are utilized to evaluate if natural attenuation is facilitating the reduction of contaminants of concern at the source characterization monitoring wells. TOC is utilized as a measure of organic carbon present in the groundwater samples which is an indicator for released constituents from the Landfill. Nitrate as nitrogen, iron, manganese, and sulfate are electron acceptors that are utilized in oxidation-reduction processes in groundwater. The concentration of these electron acceptors can indicate the state of the groundwater and whether groundwater is in a more oxidizing state or reducing state. The order of usage in terms of energy provided would be nitrate as nitrogen, manganese, iron, and sulfate or another way of interpreting it is from more oxidizing conditions

to more reducing conditions. If reducing conditions develop as a result of elevated organic carbon, iron and manganese concentrations will increase in groundwater due to the presence of more reduced, soluble forms of these constituents, while nitrate as nitrogen and sulfate concentrations would be decreased. If oxidizing conditions develop as a result of organic carbon reductions, then iron and manganese concentrations should decrease in groundwater with the potential of nitrate as nitrogen and sulfate concentrations increasing. Groundwater analytical results for the natural attenuation parameters are summarized on **Table 12**. Time series graphs for TOC (**Graph 1**), nitrate as nitrogen (**Graph 2**), iron (**Graph 3**), manganese (**Graph 4**), and sulfate (**Graph 5**) are attached to this report and depict the concentrations measured in the source characterization monitoring wells since 2015. The graphs also include a visual representation of the range of concentrations measured in groundwater samples collected from background Monitoring Wells MW-34A, MW-38A, and MW-39B. This visual representation provides a reference point when comparing source characterization monitoring well data.

Based on the natural attenuation parameters, changes in groundwater chemistry at the source characterization monitoring wells appear to be indicating that impact is being reduced and groundwater quality is improving. Further discussion of each natural attenuation parameter is included in the following subsequent sections.

4.4.2.1 TOTAL ORGANIC CARBON

Background TOC concentrations measured in groundwater samples from Monitoring Wells MW-34A, MW-38A, and MWW-39B range from less than laboratory RLs (<1.00 milligrams per liter [mg/L]) to 1.17 mg/L. To date, TOC concentrations at source characterization monitoring wells are above these background values, except for MW-1A and MW-209B which had concentrations below laboratory reporting limits (<1.00 mg/L) during the Spring 2026 Semiannual Compliance Monitoring Event. Among the remaining monitoring wells, MW-16A and MW-206A have TOC concentrations that are generally close to the background values. The highest TOC concentrations have historically been measured in Monitoring Wells MW-209B and MW-212A. The highest TOC concentrations measured in the source characterization monitoring wells are from Monitoring Well MW-209B (73.7 mg/L – 4/6/2015 and 70.6 – 10/20/2021). However, in recent sampling events, TOC concentrations at Monitoring Well MW-209B have reduced significantly with the Spring 2026 Monitoring Event value being <1.00 mg/L.

4.4.2.2 NITRATE AS NITROGEN

Background nitrate as nitrogen concentrations measured in groundwater samples from Monitoring Wells MW-34A, MW-38A, and MW-39B range from less than laboratory RLs (<0.1 mg/L) to 9.89 mg/L. The highest nitrate as nitrogen concentrations in background monitoring wells were measured in groundwater samples collected from MW-38A (8.47 to 9.89 mg/L). Nitrate as nitrogen at Monitoring Well MW-38A could be influenced by agricultural inputs of nitrogen. To date, nitrate as nitrogen concentrations at source characterization monitoring wells have ranged from <0.100 mg/L to 2.10 mg/L. For Monitoring Wells MW-1A, MW-2A-97, MW-212A, nitrate as nitrogen concentration increased sharply in 2016, but decreased and have been below 0.4 mg/L for the past five years. For Monitoring Wells MW-206A and MW-209B,

nitrate as nitrogen concentrations were relatively low in 2015 through 2016 with recent concentrations (2021 through 2024) being elevated. The Spring 2025 nitrate as nitrogen concentration at Monitoring Well MW-206A was below laboratory reporting limits (0.200 mg/L) which was a relatively steep decrease from the 2024 concentration of 2.10 mg/L. However, it has increased to 1.01 mg/L in the Spring 2026 sampling event. Further data is needed to see if this increase is related to the decrease of TOC at monitoring well MW-206A. The nitrate as nitrogen data is indicating mixed results for improved groundwater quality at the source area of the site. This may indicate variability in the groundwater's oxidation state and organic carbon in the plume.

4.4.2.3 IRON

Background iron concentrations measured in groundwater samples from Monitoring Wells MW-34A, MW-38A, and MW-39B range from less than laboratory RLs (<0.1 mg/L) to 0.852 mg/L with one potential outlier at a concentration of 8.22 mg/L. To date, iron concentrations at source characterization monitoring wells have ranged from <0.100 mg/L to 207 mg/L. Monitoring wells MW-16A and MW-206A have iron concentrations that are the closest to the background values. As depicted in **Graph 3**, elevated iron concentrations were measured in Monitoring Wells MW-6B and MW-212A in 2015 but have decreased significantly to the most recent concentrations measured in 2026. This may be indicative of lesser groundwater impact at these monitoring locations. For Monitoring Well MW-211B, recent concentrations are elevated when compared to concentrations measured in 2015 and 2016. Monitoring Wells MW-207A and MW-211B had the most noticeable increases when compared to historical data. The 2025 iron analytical result at Monitoring Well MW-211B is the highest recorded in the Source Characterization Monitoring Wells at a concentration of 207 mg/L, however, the iron concentration decreased to 38.4 mg/L in the Spring 2026 groundwater sample. The 2026 iron analytical result at Monitoring Well MW-207A decreased from 136 mg/L to 29 mg/L. Each iron concentration reported at Monitoring Well MW-207A except the Spring 2025 Monitoring Event has been less than 32.5 mg/L, but still higher than the historical iron concentrations in the background wells. The elevated concentrations of iron at Monitoring Wells MW-207A and MW-211B may indicate reducing conditions are increasing and could be the result of elevated organic concentrations in groundwater upgradient of these locations.

4.4.2.4 MANGANESE

Background manganese concentrations measured in groundwater samples from Monitoring Wells MW-34A, MW-38A, and MW-39B range from less than laboratory RLs (<0.01 mg/L) to 0.323 mg/L with one potential outlier at a concentration of 1.54 mg/L. To date, manganese concentrations at source characterization monitoring wells have ranged from <0.00500 mg/L to 43.4 mg/L. Monitoring Wells MW-16A and MW-206A have manganese concentrations that are the comparable to the background values. As depicted in **Graph 4**, elevated manganese concentrations were measured in Monitoring Wells MW-6B and MW-212A in 2015 but have decreased significantly to the most recent concentrations measured in 2026. This may be indicative of lesser groundwater impact at these monitoring locations. For Monitoring Well MW-211B, recent concentrations are elevated when compared to concentrations measured in 2015 and 2016. MW-211B had the most noticeable increase when compared to historical data and the highest measured manganese concentration (43.4 mg/L) in the Source Characterization

Monitoring Wells. In addition, a relatively large increase in manganese concentration occurred during the Spring 2025 Monitoring Event at Monitoring Well MW-207A (6.64 mg/L) when compared to previous concentrations that were all below 1.41 mg/L. These increases follow a similar increase in iron at Monitoring Wells MW-207A and MW-211B and may be indicative of a shifting organic plume near these monitoring wells.

4.4.2.5 SULFATE

Background sulfate concentrations measured in groundwater samples from Monitoring Wells MW-34A, MW-38A, and MW-39B range from 4.67 to 43.7 mg/L. To date, sulfate concentrations at source characterization monitoring wells have ranged from <1.00 mg/L to 789 mg/L. The lowest concentrations of sulfate have been consistently monitored at Monitoring Well MW-209B with each sample being below laboratory RLs except for the Spring 2025 Monitoring Event result which is 11.6 mg/L. MW-209B has consistently had the highest historical TOC and iron concentrations and lowest sulfate concentrations which may indicate the groundwater in this monitored area is in a carbon-dioxide reducing (methanogenic) state. A methanogenic state would indicate strong reducing conditions which implies limited electron acceptor constituents to naturally attenuate large concentrations of organic constituents. Thus, it may take a longer period of time for natural attenuation to reduce organic constituents in groundwater near Monitoring Well MW-209B. However, the lowest TOC measured at Monitoring Well MW-209B since 2016 occurred during the Spring 2026 Monitoring Event at a concentration that was below laboratory reporting limits (<1.00 mg/L). Additional sampling will be needed to verify if this is an outlier or if there is significant reductions in organic constituents in the area of Monitoring Well MW-209B. This may be an early indication that natural attenuation may be effective in this area of the site.

For Monitoring Well MW-212A, the sulfate concentration spiked up in 2022 to a concentration of 789 mg/L. Since 2022, the sulfate concentration decreased to 373 mg/L (Spring 2025). The sulfate concentration increased to 731 mg/L in the Spring 2026 groundwater sample. The sharp increase in sulfate concentration also coincided with a reduction in TOC and manganese. There appeared to be a rapid infusion of sulfate into this area at concentrations that are well above background levels measured in Monitoring Wells MW-34A, MW-38A and MW-39B. During the 2024 monitoring event, sulfate concentration at Monitoring Well MW-1A also spiked up to a concentration of 460 mg/L. The sulfate concentration at Monitoring Well MW-1A decreased to 192 mg/L during the Spring 2026 Monitoring Event. Monitoring Well MW-1A is downgradient of Monitoring Well MW-212A and may indicate migration of elevated sulfate concentrations in the shallow groundwater.

For Monitoring Well MW-6B, the sulfate concentration increased to 309 mg/L during the Spring 2025 Monitoring Event, but came down to 271 mg/L during the Spring 2026 Monitoring Event. Historically, sulfate concentrations at MW-6B were below laboratory reporting limits (<1.00 mg/L) during the 2015 and 2016 sampling events. The recent measurements (2021 to 2026) appear to be steadily increasing. This may indicate that natural attenuation may be effective in this area of the site.

5 Quality Assurance/Quality Control

The quality assurance/quality control (QA/QC) protocols for each sampling event include proper sample containers, proper field protocols, and laboratory protocols. The QA/QC results for the Spring 2026 Semiannual Compliance Monitoring Event consisted of the following:

Spring 2026

- 2 Duplicates
- 12 Trip Blanks

Eurofins Environmental Testing North Central, LLC (Eurofins), in Cedar Falls, Iowa is responsible for providing QA/QC of laboratory protocols; this documentation is included in the Spring 2026 Semiannual Compliance Monitoring Event laboratory reports provided in **Appendix C**. The laboratory QA/QC protocols and documentation were reviewed by HDR. For the Spring 2026 Semiannual Compliance Monitoring Event, the laboratory sample receipt checklists indicated all samples were received within holding times, within acceptable temperatures, and sample containers were not broken or leaking except for sulfide analysis for Monitoring Wells MW-213A. Based on the laboratory case narrative, the groundwater sample collected from Monitoring Well MW-213A was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time. Due to the hold time exceedances, sulfide is proposed to be resampled at monitoring well MW-213A during the Fall 2026 Semiannual Compliance Monitoring Event.

5.1 Laboratory Qualifiers

The following qualifiers were noted for some parameters in the Spring 2026 Semiannual Compliance Monitoring Event laboratory analytical reports:

- J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

All results were noted by the laboratory as not triggering corrective action or requiring re-analysis except for sulfide analysis at Monitoring Well MW-213A.

5.2 Trip Blanks

There were no detections above laboratory reporting limits of monitored constituents within the 12 trip blanks submitted for analysis for the Spring 2026 Semiannual Compliance Monitoring Event.

5.3 Field Duplicates

During the Spring 2026 compliance monitoring event, field duplicate sample one (DUP-1) was obtained from Monitoring Well MW-18A-07, and field duplicate sample two (DUP-2) was obtained from Monitoring Well MW-211B.

Field duplicate samples were analyzed to determine the relative percent difference (RPD) between the original (parent) sample and the duplicate sample. RPD values are only calculated

for constituents detected above the laboratory RL for both the parent and duplicate sample. According to *Practical Guide for Ground-Water Sampling*: “Duplicate sample values which differ by less than ±50% relative difference indicates good error control.” (Barcelona et al, 1985).

Table 13 presents the parent/duplicate sample results along with the calculated RPD values for the Spring 2026 Semiannual Compliance Monitoring Event. Each RPD value is below the recommended 50% for each well-duplicate pair that had concentrations measured above laboratory RLs.

Results of the quality assurance/quality control samples did not trigger corrective measures such as resampling or laboratory re-analysis.

6 Recommendations

The following conclusions are made and actions recommended for the continuation of groundwater compliance monitoring at the Landfill:

1. A majority of the groundwater impact is present in monitoring wells adjacent to the Non-Subtitle D Areas (Northern and Eastern Unlined/Clay-Lined Cells) of the Landfill. The sources of impact have been previously identified. Some areas are influenced by leachate migration while landfill gas migration is the primary source of impact in other areas.
2. Source control via leachate and landfill gas management systems along with monitored natural attenuation is still being conducted at the Landfill.
3. Evaluation of the natural attenuation parameters indicates that natural attenuation processes are occurring in the groundwater adjacent to the Landfill.
4. Since barium was identified as a potential SSI at Detection Monitoring Well MW-1B, a verification groundwater sampling event will be conducted to confirm the presence of the SSI.
5. Continue collecting water level and well depth measurements, if scheduled, on a semiannual basis at each HMSP approved monitoring location.
6. Conduct groundwater monitoring and applicable statistical analysis at each HMSP approved monitoring location under the respective monitoring program as summarized on **Table 1** and **Table 2**.

Figures

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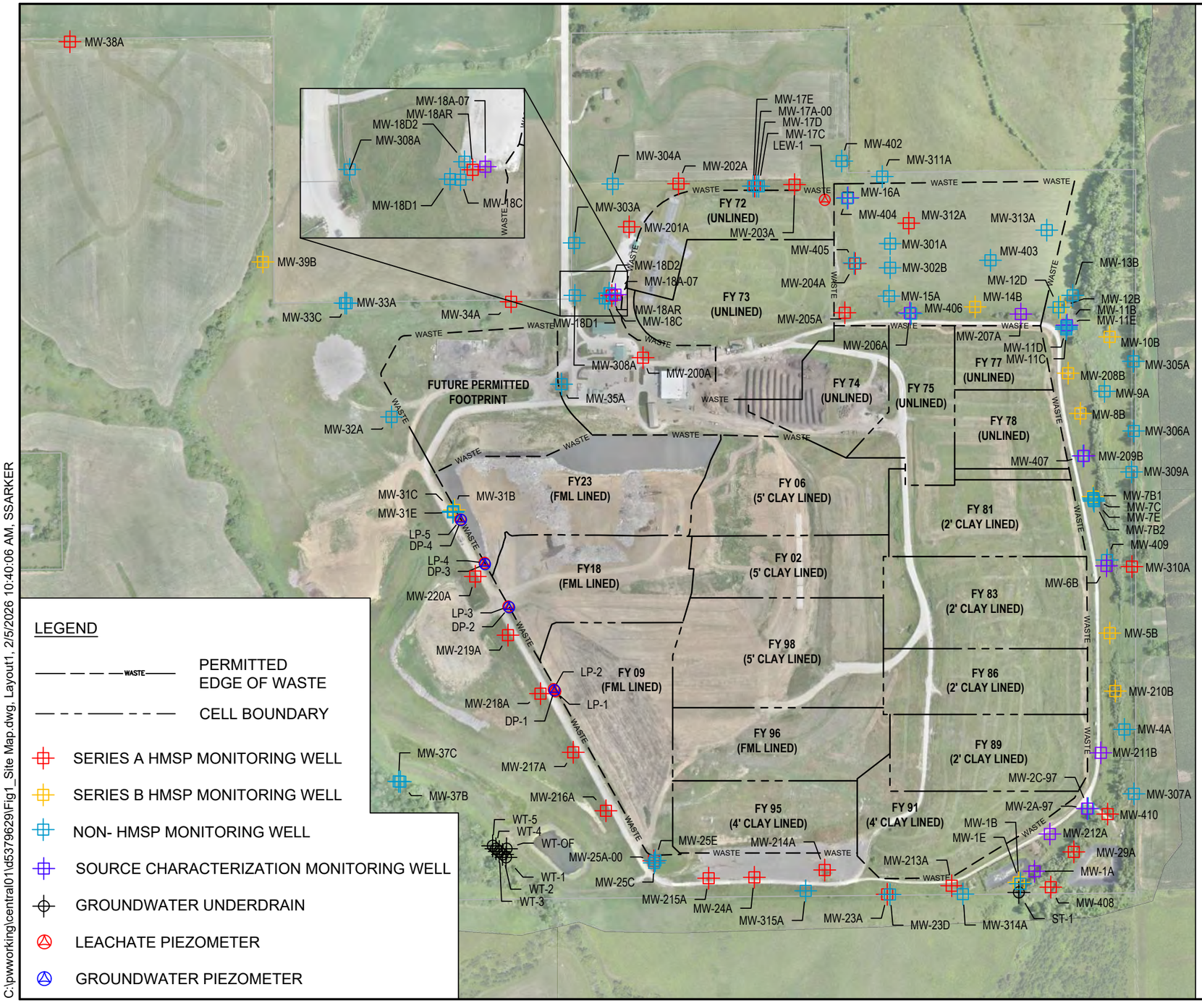

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- SERIES A HMSP MONITORING WELL
- SERIES B HMSP MONITORING WELL
- NON- HMSP MONITORING WELL
- SOURCE CHARACTERIZATION MONITORING WELL
- GROUNDWATER UNDERDRAIN
- LEACHATE PIEZOMETER
- GROUNDWATER PIEZOMETER

SERIES A HMSP WELLS	
WELL NO.	CURRENT MONITORING PROGRAM
MW-17A-00	ASSESSMENT
MW-18AR	ASSESSMENT
MW-23A	ASSESSMENT
MW-24A	ASSESSMENT
MW-25A-00	ASSESSMENT
MW-29A	ASSESSMENT
MW-34A	BACKGROUND
MW-38A	BACKGROUND
MW-200A	ASSESSMENT
MW-201A	ASSESSMENT
MW-202A	ASSESSMENT
MW-203A	ASSESSMENT
MW-204A	ASSESSMENT
MW-205A	ASSESSMENT
MW-213A	ASSESSMENT
MW-214A	ASSESSMENT
MW-215A	ASSESSMENT
MW-216A	ASSESSMENT
MW-217A	ASSESSMENT
MW-218A	ASSESSMENT
MW-219A	ASSESSMENT
MW-220A	ASSESSMENT
MW-310A	DETECTION
MW-312A	DETECTION
MW-408	DETECTION
MW-410	DETECTION

SERIES B HMSP WELLS	
WELL NO.	CURRENT MONITORING PROGRAM
MW-1B	DETECTION
MW-5B	ASSESSMENT
MW-7B1	ASSESSMENT
MW-8B	ASSESSMENT
MW-10B	ASSESSMENT
MW-12B	ASSESSMENT
MW-14B	ASSESSMENT
MW-31B	ASSESSMENT
MW-39B	BACKGROUND
MW-208B	ASSESSMENT
MW-210B	ASSESSMENT

SOURCE CHARACTERIZATION WELLS	
WELL NO.	CURRENT MONITORING PROGRAM
MW-1A	SOURCE CHARACTERIZATION
MW-2A-97	SOURCE CHARACTERIZATION
MW-6B	SOURCE CHARACTERIZATION
MW-11B	SOURCE CHARACTERIZATION
MW-16A	SOURCE CHARACTERIZATION
MW-18A-07	SOURCE CHARACTERIZATION
MW-206A	SOURCE CHARACTERIZATION
MW-207A	SOURCE CHARACTERIZATION
MW-209B	SOURCE CHARACTERIZATION
MW-211B	SOURCE CHARACTERIZATION
MW-212A	SOURCE CHARACTERIZATION

GROUNDWATER UNDERDRAINS	
WELL NO.	CURRENT MONITORING PROGRAM
ST-1	DETECTION
WT-1	DETECTION
WT-2	DETECTION
WT-3	DETECTION
WT-4	DETECTION
WT-OF	DETECTION

NOTES:

1. AERIAL IMAGERY IS CURRENT AS OF JUNE 30, 2025 AND WAS TAKEN BY HDR ENGINEERING INC.

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SCALE IN FEET

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HDR

CITY OF IOWA CITY
LANDFILL AND RECYCLING CENTER

SITE FEATURES

DATE
JUNE 2026

FIGURE
1

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SCALE IN FEET

LEGEND

- PERMITTED EDGE OF WASTE
- CELL BOUNDARY
- GROUNDWATER CONTOUR
- INFERRED GROUNDWATER CONTOUR
- FLOW DIRECTION
- SERIES A HMSP MONITORING WELL
- SERIES B HMSP MONITORING WELL
- NON- HMSP MONITORING WELL
- SOURCE CHARACTERIZATION MONITORING WELL
- GROUNDWATER UNDERDRAIN
- LEACHATE PIEZOMETER
- GROUNDWATER PIEZOMETER
- LFG EXTRACTION WELLS

NOTES:

1. AERIAL IMAGERY IS CURRENT AS OF JUNE 30, 2025 AND WAS TAKEN BY HDR ENGINEERING, INC.
2. GROUNDWATER CONTOURS SHOWN ARE BASED OFF OF GROUNDWATER ELEVATIONS TAKEN DURING SAMPLING BY THE CITY DURING THE 2026 SPRING SAMPLING EVENT. GAS WELL LIQUID ELEVATION DATA FROM THE CELLS WITHOUT A FLEXIBLE MEMBRANE LINER (FML) WAS TAKEN FROM APRIL 2026 COLLECTION.

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LANDFILL AND RECYCLING CENTER

SPRING 2026 - GROUNDWATER CONTOURS
SPRING 2026 SEMIANNUAL STATISTICAL REPORT

DATE
JULY 2026

FIGURE
3

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Tables & Graphs

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Table 1
Monitoring Program Summary
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Monitoring Well	Formation[1]	Current Monitoring Program (Spring 2026)	Change for next sampling event	Constituents w/ SSI	Constituents w/ SSL	Total Number of Samples in Each Monitoring Program		
						Detection	Assessment	Corrective Action
Series A Monitoring Wells								
MW-34A	Sandy Silty Clay	Background	No Change	Not applicable	Not applicable	35		
MW-38A	Sandy Lean Clay	Background	No Change	Not applicable	Not applicable	24		
MW-17A-00	Sandy Silty Clay	Assessment	No Change	Barium	None		41	
MW-18AR	Silty Clay	Assessment	No Change	Barium, Dichlorodifluoromethane, Tetrachloroethene	None		16	
MW-23A	Unknown	Assessment	No Change	None	None		32	
MW-24A	Loess/Glacial Till	Assessment	No Change	Arsenic	None		35	
MW-25A-00	Loess/Glacial Till	Assessment	No Change	None	None		38	
MW-29A	Sandy Silty Clay	Assessment	No Change	None	None		37	
MW-200A	Glacial Till	Assessment	No Change	Barium	None		34	
MW-201A	Loess/Glacial Till	Assessment	No Change	None	None		33	
MW-202A	Glacial Till	Assessment	No Change	None	None		30	
MW-203A	Glacial Till	Assessment	No Change	None	None		30	
MW-204A	Alluvium/Glacial Till	Assessment	No Change	None	None		30	
MW-205A	Alluvium/Glacial Till	Assessment	No Change	None	None		34	
MW-213A	Glacial Till	Assessment	No Change	None	None		33	
MW-214A	Glacial Till	Assessment	No Change	None	None		30	
MW-215A	Glacial Till	Assessment	No Change	Copper	None		29	
MW-216A	Sandy Lean Clay	Assessment	No Change	None	None		30	
MW-217A	Sandy Lean Clay	Assessment	No Change	None	None		30	
MW-218A	Sandy Lean Clay	Assessment	No Change	None	None		30	
MW-219A	Sandy Lean Clay	Assessment	No Change	Barium	None		30	
MW-220A	Clayey Sand	Assessment	No Change	Zinc	None		30	
MW-310A[3]	Sandy Lean Clay	Detection	No Change	None	Not applicable	2		30
MW-312A[3]	Sandy Lean Clay	Detection	No Change	None	Not applicable	2		17
MW-408[3]	Glacial Till/Sand	Detection	No Change	None	Not applicable	2		8
MW-410[3]	Sandy Lean Clay	Detection	No Change	None	Not applicable	2		8

Table 1
Monitoring Program Summary
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Monitoring Well	Formation[(1)]	Current Monitoring Program (Spring 2026)	Change for next sampling event	Constituents w/ SSI	Constituents w/ SSL	Total Number of Samples in Each Monitoring Program		
						Detection	Assessment	Corrective Action
Series B Monitoring Wells								
MW-39B	Sandy Lean Clay	Background	No Change	Not applicable	Not applicable	22		
MW-1B[(3)]	Unknown	Detection	No Change	Barium*	Not applicable	2	34	
MW-10B[(3)]	Unknown	Assessment	No Change	None	None		2	28
MW-5B	Unknown	Assessment	No Change	None	None		34	
MW-7B1	Unknown	Assessment	No Change	Barium	None		33	
MW-8B	Unknown	Assessment	No Change	None	None		33	
MW-12B	Unknown	Assessment	No Change	None	None		31	
MW-14B	Alluvium/Glacial Till	Assessment	No Change	None	None		33	
MW-31B	Glacial Till	Assessment	No Change	Barium	None		39	
MW-208B	Alluvium/Glacial Till	Assessment	No Change	None	None		29	
MW-210B	Alluvium	Assessment	No Change	None	None		30	
Groundwater Underdrains								
ST-1	Not Applicable	Detection	No Change	Not applicable (no samples)	Not applicable	0		
WT-1	Not Applicable	Detection	No Change	None	Not applicable	18		
WT-2	Not Applicable	Detection	No Change	None	Not applicable	18		
WT-3	Not Applicable	Detection	No Change	Barium**	Not applicable	18		
WT-4	Not Applicable	Detection	No Change	None	Not applicable	18		
WT-OF	Not Applicable	Detection	No Change	None	Not applicable	9		

Table 1
Monitoring Program Summary
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Monitoring Well	Formation[1]	Current Monitoring Program (Spring 2026)	Change for next sampling event	Constituents w/ SSI	Constituents w/ SSL	Total Number of Samples in Each Monitoring Program		
						Detection	Assessment	Corrective Action
Source Characterization								
MW-1A	Unknown	Source Characterization	No Change	Not applicable	Not applicable			38
MW-2A-97	Clay	Source Characterization	No Change	Not applicable	Not applicable			38
MW-16A	Glacial Till	Source Characterization	No Change	Not applicable	Not applicable			37
MW-18A-07 [2]	Sandy Lean Clay	Source Characterization	No Change	Not applicable	Not Applicable			35
MW-206A	Glacial Till	Source Characterization	No Change	Not applicable	Not applicable			35
MW-207A	Alluvium	Source Characterization	No Change	Not applicable	Not applicable			35
MW-212A	Glacial Till	Source Characterization	No Change	Not applicable	Not applicable			35
MW-6B	Unknown	Source Characterization	No Change	Not applicable	Not applicable			39
MW-11B	Unknown	Source Characterization	No Change	Not applicable	Not applicable			38
MW-209B	Alluvium	Source Characterization	No Change	Not applicable	Not applicable			35
MW-211B	Glacial Till	Source Characterization	No Change	Not applicable	Not applicable			33
Corrective Action/Bracketing [3]								
MW-15A	Unknown	Corrective Action Remedy Complete; No Additional Sampling		Not applicable	Not Applicable			18
MW-2C-97	Unknown			Not applicable	Not Applicable			11
MW-7C	Unknown			Not applicable	Not Applicable			11
MW-306A	Sandy Lean Clay			Not applicable	Not Applicable			18
MW-407	Sandy Lean Clay			Not applicable	Not Applicable			13
MW-409	Silty Sand			Not applicable	Not Applicable			9
MW-11D	Unknown			Not applicable	Not Applicable			13
MW-404	Sandy Lean Clay			Not applicable	Not Applicable			13

NOTES:

[1] Obtained from screened interval on boring logs or cross-sections.

[2] The Iowa Department of Natural Resources approved HDR's recommendation in a letter dated November 13, 2024, for monitoring well MW-18A-07 to move from a bracketing/delineation monitoring well to a source characterization well.

[3] The Iowa Department of Natural Resources was notified of corrective action remedy completion and monitoring program modification in a letter dated September 15, 2025. CAMP delineation monitoring wells: MW-15A, MW-2C-97, MW-7C, MW-306A, MW-407, MW-409, MW-11D, and MW-404 will no longer be sampled and monitored for analytes on a semiannual basis due to the completion of corrective action remedy. AZPOC monitoring wells: MW-1B, MW-310A, MW-312A, MW-408, and MW-410 were sampled under detection monitoring program and AZPOC monitoring well: MW-10B was sampled under assessment monitoring program during fall 2025 monitoring event.

* The constituent concentration exceeded the prediction limit (PL) for the monitoring location. A verification sampling will be conducted for the constituent at the monitoring location.
** The constituent concentration exceeded the prediction limit (PL) for the monitoring location. The same constituent measured in the WT-OF monitoring location did not exceed the intrawell PL of WT-OF. Thus, no additional action is required at this time for the underdrain groundwater discharges.

CAMP - Corrective Action Monitoring Plan
SSI - Statistically Significant Increase
SSL - Statistically Significant Level

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Table 2
Monitoring Program Implementation Schedule
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Monitoring Well	Recent Sampling Dates and Constituents			Upcoming Sampling Dates and Constituents			Full Appendix II Sample Dates	
	October 2025	February 2026	May 2026	August 2026	October 2026	April/May 2027	Previously Collected	Next Event
Series A Monitoring Event								
MW-34A	--	--	Appendix I, TSS	--	--	Appendix I, TSS	Not Applicable	Not Applicable
MW-38A	--	--	Appendix I, TSS	--	--	Appendix I, TSS	Not Applicable	Not Applicable
MW-17A-00	--	--	Metals List, TSS	--	--	Metals List, TSS	4/14/2009, 5/10/2010, 10/5/2015, 3/30/2020, 4/23/2025	2030
MW-18AR	Metals List, TSS, Appendix I VOCs, Dichlorodifluoromethane, Sulfide	--	Metals List, TSS, Appendix I VOCs, Dichlorodifluoromethane, Sulfide	--	Appendix II, TSS	Metals List, TSS, Appendix I VOCs, Dichlorodifluoromethane, Sulfide	3/30/2020, 10/20/2021	2026
MW-23A	--	--	Metals List, TSS	--	--	Metals List, TSS	4/14/2009, 5/10/2010, 10/5/2015, 3/30/2020, 5/8/2025	2030
MW-24A	Metals List, TSS	--	Metals List, TSS	--	Metals List, TSS	Metals List, TSS	4/14/2009, 5/10/2010, 10/5/2015, 3/30/2020, 5/7/2025	2030
MW-25A-00	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	4/14/2009, 5/10/2010, 10/5/2015, 3/30/2020, 5/8/2025	2030
MW-29A	Metals List, TSS, Appendix I VOCs, Silvex (2,4,5-TP)	--	Metals List, TSS, Appendix I VOCs, Silvex (2,4,5-TP)	--	Metals List, TSS, Appendix I VOCs, Silvex (2,4,5-TP)	Metals List, TSS, Appendix I VOCs, Silvex (2,4,5-TP)	4/14/2009, 5/10/2010, 10/5/2015, 3/30/2020, 5/5/2025	2030
MW-200A	Metals List, TSS, Appendix I VOCs, Dichlorodifluoromethane	--	Metals List, TSS, Appendix I VOCs, Dichlorodifluoromethane	--	Appendix II, TSS	Metals List, TSS, Appendix I VOCs, Dichlorodifluoromethane	4/4/2011, 4/4/2016, 10/20/2021	2026
MW-201A	Metals List, TSS, Appendix I VOCs, PCB-1221	--	Metals List, TSS, Appendix I, VOCs, PCB-1221	--	Metals List, TSS, Appendix I VOCs, PCB-1221	Metals List, TSS, Appendix I, VOCs, PCB-1221	5/10/2010, 10/5/2015, 3/30/2020, 5/6/2025	2030
MW-202A	--	--	Metals List, TSS	--	--	Metals List, TSS	5/10/2010, 10/5/2015, 3/30/2020, 4/23/2025	2030
MW-203A	--	--	Metals List, TSS	--	--	Metals List, TSS	5/10/2010, 10/5/2015, 3/30/2020, 5/6/2025	2030
MW-204A	--	--	Metals List, TSS	--	--	Metals List, TSS	5/10/2010, 10/5/2015, 3/30/2020, 4/24/2025	2030
MW-205A	--	--	Appendix II, TSS	--	--	Metals List, TSS	4/4/2011, 4/4/2016, 10/20/2021, 5/4/2026	2031
MW-213A	--	--	Appendix II, TSS	--	Sulfide	Metals List, TSS	4/4/2011, 4/4/2016, 10/27/2021, 5/6/2026	2031
MW-214A	--	--	Metals List, TSS	--	--	Metals List, TSS	5/10/2010, 10/5/2015, 3/30/2020, 4/23/2025	2030
MW-215A	--	--	Metals List, TSS	--	--	Metals List, TSS	5/10/2010, 10/5/2015, 3/30/2020, 5/7/2025	2030
MW-216A	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	7/10/2013, 4/23/2018, 5/4/2023	2028
MW-217A	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	7/10/2013, 4/23/2018, 5/4/2023	2028
MW-218A	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	7/10/2013, 4/23/2018, 5/4/2023	2028
MW-219A	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	7/10/2013, 4/23/2018, 5/4/2023	2028
MW-220A	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	7/10/2013, 4/23/2018, 5/4/2023	2028
MW-310A	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	Not Applicable	Not Applicable
MW-312A	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	Not Applicable	Not Applicable
MW-408	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	Not Applicable	Not Applicable
MW-410	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	Not Applicable	Not Applicable

Table 2
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City of Iowa City Sanitary Landfill
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Monitoring Well	Recent Sampling Dates and Constituents			Upcoming Sampling Dates and Constituents			Full Appendix II Sample Dates	
	October 2025	February 2026	May 2026	August 2026	October 2026	April/May 2027	Previously Collected	Next Event
Series B Monitoring Wells								
MW-39B	--	--	Appendix I, TSS	--	--	Appendix I, TSS	Not Applicable	Not Applicable
MW-1B	Appendix I, TSS	--	Appendix I, TSS	Barium, TSS	Appendix I, TSS	Appendix I, TSS	4/14/2009, 5/20/2010, 10/5/2015, 3/30/2020, 5/6/2025	2030
MW-5B	--	--	Metals List, TSS	--	--	Metals List, TSS	4/14/2009, 5/20/2010, 10/5/2015, 3/30/2020, 5/6/2025	2030
MW-7B1	--	--	Metals List, TSS	--	--	Metals List, TSS	4/14/2009, 5/20/2010, 10/5/2015, 3/30/2020, 5/6/2025	2030
MW-8B	--	--	Metals List, TSS	--	--	Metals List, TSS	4/14/2009, 5/20/2010, 10/5/2015, 3/30/2020,4/25/2025	2030
MW-10B	Appendix II, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	4/25/2025, 10/21/2025	2030
MW-12B	--	--	Metals List, TSS, Bis[2-ethylhexyl]phthalate	--	--	Appendix II, TSS	4/14/2009, 5/20/2010, 4/17/2017, 5/2/2022	2027
MW-14B	--	--	Metals List, TSS	--	--	Metals List, TSS	4/14/2009, 5/20/2010, 10/5/2015, 3/30/2020, 4/23/2025	2030
MW-31B	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	4/14/2009, 5/20/2010, 10/5/2015, 3/30/2020, 5/7/2025	2030
MW-208B	--	--	Metals List, TSS	--	--	Metals List, TSS	9/2/2009, 10/15/2014, 10/5/2015, 3/30/2020, 4/25/2025	2030
MW-210B	--	--	Metals List, TSS	--	--	Metals List, TSS	1/2/2010, 5/10/2010, 10/5/2015, 3/30/2020, 5/5/2025	2030
Groundwater Underdrains								
ST-1	Not sampled (dry)	--	Not sampled (dry)	--	Appendix I, TSS	Appendix I, TSS	Not Applicable	Not Applicable
WT-1	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	Not Applicable	Not Applicable
WT-2	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	Not Applicable	Not Applicable
WT-3	Appendix I, TSS	--	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	Not Applicable	Not Applicable
WT-4	Appendix I, TSS	Cobalt, TSS	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	Not Applicable	Not Applicable
WT-OF	Appendix I, TSS	Cobalt, TSS	Appendix I, TSS	--	Appendix I, TSS	Appendix I, TSS	Not Applicable	Not Applicable
Source Characterization								
MW-1A	Appendix I, TSS	--	Appendix I, TSS, Natural Attenuation	--	Appendix I, TSS	Appendix I, TSS, Natural Attenuation	4/14/2009, 5/10/2010, 10/5/2015, 3/30/2020, 5/8/2025	2030
MW-2A-97	Appendix I, TSS	--	Appendix I, TSS, Natural Attenuation	--	Appendix I, TSS	Appendix I, TSS, Natural Attenuation	4/14/2009, 5/10/2010, 10/5/2015, 3/30/2020, 5/8/2025	2030
MW-16A	Appendix I, TSS, Sulfide*, Silvex (2,4,5-TP)	--	Appendix I, TSS, Silvex (2,4,5-TP), Natural Attenuation	--	Appendix I, TSS, Silvex (2,4,5-TP)	Appendix I, TSS, Silvex (2,4,5-TP), Natural Attenuation	4/14/2009, 5/10/2010, 10/5/2015, 3/30/2020, 4/29/2025	2030
MW-18A-07	Appendix I, TSS, Sulfide*	--	Appendix I, TSS, Natural Attenuation	--	Appendix I, TSS	Appendix I, TSS, Natural Attenuation	4/14/2009, 5/10/2010, 10/5/2015, 3/30/2020, 4/29/2025	2030
MW-206A	Appendix I, TSS, Sulfide*	--	Appendix I, TSS, Natural Attenuation	--	Appendix I, TSS	Appendix I, TSS, Natural Attenuation	5/10/2010, 10/5/2015, 3/30/2020, 4/29/2025	2030
MW-207A	Appendix I, TSS	--	Appendix I, TSS, Natural Attenuation	--	Appendix I, TSS	Appendix I, TSS, Natural Attenuation	5/10/2010, 10/5/2015, 3/30/2020, 4/28/2025	2030

Table 2
Monitoring Program Implementation Schedule
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Monitoring Well	Recent Sampling Dates and Constituents			Upcoming Sampling Dates and Constituents			Full Appendix II Sample Dates	
	October 2025	February 2026	May 2026	August 2026	October 2026	April/May 2027	Previously Collected	Next Event
Source Characterization (continued)								
MW-212A	Appendix I, TSS	--	Appendix I, TSS, Natural Attenuation	--	Appendix I, TSS	Appendix I, TSS, Natural Attenuation	5/10/2010, 10/5/2015, 3/30/2020, 4/28/2025	2030
MW-6B	Appendix I, TSS	--	Appendix I, TSS, Natural Attenuation	--	Appendix I, TSS	Appendix I, TSS, Natural Attenuation	4/14/2009, 5/20/2010, 10/5/2015, 3/30/2020, 4/28/2025	2030
MW-11B	Appendix I, TSS, Sulfide*	--	Appendix I, TSS, Natural Attenuation	--	Appendix I, TSS	Appendix I, TSS, Natural Attenuation	4/14/2009, 5/20/2010, 10/5/2015, 3/30/2020, 4/29/2025	2030
MW-209B	Appendix I, TSS, 2,4,5-TP [Silvex], Sulfide	--	Appendix I, TSS, 2,4,5-TP [Silvex], Sulfide, Natural Attenuation	--	Appendix I, TSS, 2,4,5-TP [Silvex] , Sulfide	Appendix I, TSS, 2,4,5-TP [Silvex], Sulfide, Natural Attenuation	5/10/2010, 10/5/2015, 3/30/2020, 4/28/2025	2030
MW-211B	Appendix I, TSS	--	Appendix I, TSS, Natural Attenuation	--	Appendix II, TSS	Appendix I, TSS, Natural Attenuation	4/4/2011, 4/4/2016, 10/20/2021	2026
Corrective Action/Bracketing								
MW-15A	Corrective Action Remedy Complete: No Additional Sampling						Not Applicable	Not Applicable
MW-2C-97							Not Applicable	Not Applicable
MW-7C							Not Applicable	Not Applicable
MW-306A							Not Applicable	Not Applicable
MW-407							Not Applicable	Not Applicable
MW-409							Not Applicable	Not Applicable
MW-11D							Not Applicable	Not Applicable
MW-404							Not Applicable	Not Applicable

NOTES:
Metals List: Arsenic, Barium, Cobalt, Copper, Lead, Nickel.
Natural Attenuation Constituents: Total Organic Carbon, Nitrate as Nitrogen, Iron, Manganese, Sulfate.
TSS - Total Suspended Solids
* Due to holding time and temperature exceedances for the groundwater samples collected in the previous sampling event, sulfide was analyzed during the monitoring event to confirm if the constituent is present above laboratory reporting limits.

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Table 3
Monitoring Well Maintenance and Performance Reevaluation Schedule
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Compliance with:	2024	2025	2026	2027	2028
567 IAC 113.10(2)"f"(1): high and low water levels (biennial)	Completed		Completed		Scheduled
567 IAC 113.10(2)"f"(2): changes in the hydrologic setting and flow paths	Completed	Completed	Completed	Scheduled	Scheduled
567 IAC 113.10(2)"f"(3): well depths	Completed	Completed	Completed	Scheduled	Scheduled
567 IAC 113.10(2)"f"(4): well recharge rates and chemistry (biennial)	Completed		Completed		Scheduled
567 IAC 113.6(2)"i": Waste separation from ground water	Completed	Completed	Scheduled	Scheduled	Scheduled

COMMENTS:

● Semiannual Spring 2026 groundwater elevations are shown in **Table 4**.

● Groundwater flow directions are consistent with historical groundwater flow data and measurements collected from the Site monitoring network. Flow directions for the Spring 2026 semiannual monitoring events are depicted in **Figure 2.**

● Monitoring well depths are shown on field sampling forms in **Appendix B** and **Table 4.** Each measured well depth conducted in spring 2026 is generally consistent with historical measured depths.

● Monitoring well recharge rates and chemistry are shown on field sampling forms in **Appendix B**.

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Table 4
Monitoring Well Maintenance and Performance Summary - Monitoring and Delineation Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well	Top of Casing (FT. AMSL)	Top of Screen (FT. AMSL)	Total Depth (FT. BTOC)	Measurement Description	Date of Measurements		Maximum Depth Discrepancy (FT.)	Fall 2025 Levels (at start and end of purging)	Spring 2026 Levels (at start and end of purging)
					Oct-25	May-26		(FT. BTOC)	(FT. BTOC)
MW-1A	699.18	680.00	29.2	Static Water Level (FT.)	14.26	10.85	0.20	14.26	10.85
				Groundwater Elevation (FT. AMSL)	684.92	688.33			
				Measured Well Depth (FT.)	29.00	29.00		17.75	14.31
				Submerged Screen	Yes	Yes			
MW-1B	696.29	670.95	35.3	Static Water Level (FT.)	11.44	7.52	0.30	11.44	7.52
				Groundwater Elevation (FT. AMSL)	684.85	688.77			
				Measured Well Depth (FT.)	35.60	35.60		11.68	9.03
				Submerged Screen	Yes	Yes			
MW-2A-97	710.78	693.20	27.6	Static Water Level (FT.)	23.06	19.00	0.26	23.06	19.00
				Groundwater Elevation (FT. AMSL)	687.72	691.78			
				Measured Well Depth (FT.)	27.86	27.86		23.85	19.91
				Submerged Screen	No	No			
MW-5B	709.55	696.55	23.1	Static Water Level (FT.)	N/A	11.96	0.19	N/A	11.96
				Groundwater Elevation (FT. AMSL)	N/A	697.59			
				Measured Well Depth (FT.)	23.29	23.29		N/A	14.76
				Submerged Screen	N/A	Yes			
MW-6B	712.52	694.87	22.7	Static Water Level (FT.)	16.00	12.95	0.44	16.00	12.95
				Groundwater Elevation (FT. AMSL)	696.52	699.57			
				Measured Well Depth (FT.)	23.09	23.09		17.06	14.05
				Submerged Screen	Yes	Yes			
MW-7B1	714.31	692.38	26.9	Static Water Level (FT.)	N/A	11.58	1.35	N/A	11.58
				Groundwater Elevation (FT. AMSL)	N/A	702.73			
				Measured Well Depth (FT.)	25.55	25.55		N/A	12.24
				Submerged Screen	N/A	Yes			
MW-8B	717.22	704.89	22.3	Static Water Level (FT.)	N/A	10.00	0.48	N/A	10.00
				Groundwater Elevation (FT. AMSL)	N/A	707.22			
				Measured Well Depth (FT.)	22.78	22.78		N/A	12.35
				Submerged Screen	N/A	Yes			
MW-10B	718.63	709.43	17.0	Static Water Level (FT.)	9.96	3.50	2.20	9.96	3.50
				Groundwater Elevation (FT. AMSL)	708.67	715.13			
				Measured Well Depth (FT.)	19.20	19.20		10.29	4.00
				Submerged Screen	No	Yes			
MW-11B	718.65	706.28	22.4	Static Water Level (FT.)	10.24	7.59	0.17	10.24	7.59
				Groundwater Elevation (FT. AMSL)	708.41	711.06			
				Measured Well Depth (FT.)	22.23	22.23		11.58	9.98
				Submerged Screen	Yes	Yes			

Table 4
Monitoring Well Maintenance and Performance Summary - Monitoring and Delineation Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well	Top of Casing (FT. AMSL)	Top of Screen (FT. AMSL)	Total Depth (FT. BTOC)	Measurement Description	Date of Measurements		Maximum Depth Discrepancy (FT.)	Fall 2025 Levels (at start and end of purging)	Spring 2026 Levels (at start and end of purging)
					Oct-25	May-26		(FT. BTOC)	(FT. BTOC)
MW-12B	714.55	700.40	19.2	Static Water Level (FT.)	N/A	3.20	0.00	N/A	3.20
				Groundwater Elevation (FT. AMSL)	N/A	711.35			
				Measured Well Depth (FT.)	19.20	19.20		N/A	3.76
				Submerged Screen	N/A	Yes			
MW-14B	720.92	711.47	20.1	Static Water Level (FT.)	N/A	6.19	0.16	N/A	6.19
				Groundwater Elevation (FT. AMSL)	N/A	714.73			
				Measured Well Depth (FT.)	20.25	20.25		N/A	7.10
				Submerged Screen	N/A	Yes			
MW-16A	753.12	739.36	24.4	Static Water Level (FT.)	15.54	14.85	0.32	15.54	14.85
				Groundwater Elevation (FT. AMSL)	737.58	738.27			
				Measured Well Depth (FT.)	24.05	24.05		16.31	15.51
				Submerged Screen	No	No			
MW-17A-00	772.20	747.44	39.9	Static Water Level (FT.)	N/A	23.20	0.33	N/A	23.20
				Groundwater Elevation (FT. AMSL)	N/A	749.00			
				Measured Well Depth (FT.)	40.23	40.23		N/A	25.04
				Submerged Screen	N/A	Yes			
MW-18AR	786.31	768.70	32.6	Static Water Level (FT.)	25.50	23.51	0.72	25.50	23.51
				Groundwater Elevation (FT. AMSL)	760.81	762.80			
				Measured Well Depth (FT.)	33.32	33.32		26.28	24.10
				Submerged Screen	No	No			
MW-23A	746.64	710.28	45.4	Static Water Level (FT.)	N/A	11.05	0.33	N/A	11.05
				Groundwater Elevation (FT. AMSL)	N/A	735.59			
				Measured Well Depth (FT.)	45.73	45.73		N/A	14.65
				Submerged Screen	N/A	Yes			
MW-24A	731.97	697.66	44.3	Static Water Level (FT.)	30.76	25.55	1.06	30.76	25.55
				Groundwater Elevation (FT. AMSL)	701.21	706.42			
				Measured Well Depth (FT.)	45.36	45.36		30.19	27.44
				Submerged Screen	Yes	Yes			
MW-25A-00	713.80	696.33	32.9	Static Water Level (FT.)	18.48	10.83	2.77	18.48	10.83
				Groundwater Elevation (FT. AMSL)	695.32	702.97			
				Measured Well Depth (FT.)	30.08	30.08		19.23	13.65
				Submerged Screen	No	Yes			
MW-29A	696.27	686.59	20.1	Static Water Level (FT.)	13.11	7.43	0.13	13.11	7.43
				Groundwater Elevation (FT. AMSL)	683.16	688.84			
				Measured Well Depth (FT.)	19.97	19.97		13.82	9.15
				Submerged Screen	No	Yes			

Table 4
Monitoring Well Maintenance and Performance Summary - Monitoring and Delineation Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well	Top of Casing (FT. AMSL)	Top of Screen (FT. AMSL)	Total Depth (FT. BTOC)	Measurement Description	Date of Measurements		Maximum Depth Discrepancy (FT.)	Fall 2025 Levels (at start and end of purging)	Spring 2026 Levels (at start and end of purging)
					Oct-25	May-26		(FT. BTOC)	(FT. BTOC)
MW-31B	749.37	713.90	45.5	Static Water Level (FT.)	35.72	35.67	0.19	35.72	35.67
				Groundwater Elevation (FT. AMSL)	713.65	713.70			
				Measured Well Depth (FT.)	45.31	45.31		36.80	36.95
				Submerged Screen	No	No			
MW-34A	779.63	761.88	27.8	Static Water Level (FT.)	N/A	20.19	0.00	N/A	20.19
				Groundwater Elevation (FT. AMSL)	N/A	759.44			
				Measured Well Depth (FT.)	27.80	27.80		N/A	21.21
				Submerged Screen	N/A	No			
MW-38A	768.12	744.75	38.4	Static Water Level (FT.)	N/A	15.92	1.89	N/A	15.92
				Groundwater Elevation (FT. AMSL)	N/A	752.20			
				Measured Well Depth (FT.)	36.51	36.51		N/A	19.34
				Submerged Screen	N/A	Yes			
MW-39B	705.21	698.23	17.0	Static Water Level (FT.)	N/A	8.80	0.00	N/A	8.80
				Groundwater Elevation (FT. AMSL)	N/A	696.41			
				Measured Well Depth (FT.)	17.00	17.00		N/A	9.37
				Submerged Screen	N/A	No			
MW-200A	782.97	762.82	35.2	Static Water Level (FT.)	20.77	20.16	0.20	20.77	20.16
				Groundwater Elevation (FT. AMSL)	762.20	762.81			
				Measured Well Depth (FT.)	35.40	35.40		21.44	21.07
				Submerged Screen	No	No			
MW-201A	779.90	766.79	28.1	Static Water Level (FT.)	24.97	21.44	5.42	24.97	21.44
				Groundwater Elevation (FT. AMSL)	754.93	758.46			
				Measured Well Depth (FT.)	28.05	22.68		25.55	21.85
				Submerged Screen	No	No			
MW-202A	778.20	758.93	34.3	Static Water Level (FT.)	N/A	16.79	0.02	N/A	16.79
				Groundwater Elevation (FT. AMSL)	N/A	761.41			
				Measured Well Depth (FT.)	34.28	34.28		N/A	18.88
				Submerged Screen	N/A	Yes			
MW-203A	769.50	751.35	33.2	Static Water Level (FT.)	N/A	21.40	0.14	N/A	21.40
				Groundwater Elevation (FT. AMSL)	N/A	748.10			
				Measured Well Depth (FT.)	33.34	33.34		N/A	22.11
				Submerged Screen	N/A	No			
MW-204A	741.90	728.90	23.0	Static Water Level (FT.)	N/A	10.40	3.26	N/A	10.40
				Groundwater Elevation (FT. AMSL)	N/A	731.50			
				Measured Well Depth (FT.)	26.26	26.26		N/A	12.25
				Submerged Screen	N/A	Yes			

Table 4
Monitoring Well Maintenance and Performance Summary - Monitoring and Delineation Wells
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Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well	Top of Casing (FT. AMSL)	Top of Screen (FT. AMSL)	Total Depth (FT. BTOC)	Measurement Description	Date of Measurements		Maximum Depth Discrepancy (FT.)	Fall 2025 Levels (at start and end of purging)	Spring 2026 Levels (at start and end of purging)
					Oct-25	May-26		(FT. BTOC)	(FT. BTOC)
MW-205A	747.69	736.59	21.1	Static Water Level (FT.)	N/A	10.71	0.50	N/A	10.71
				Groundwater Elevation (FT. AMSL)	N/A	736.98			
				Measured Well Depth (FT.)	21.60	21.60		N/A	11.85
				Submerged Screen	N/A	Yes			
MW-206A	731.60	721.43	20.2	Static Water Level (FT.)	12.55	10.23	0.09	12.55	10.23
				Groundwater Elevation (FT. AMSL)	719.05	721.37			
				Measured Well Depth (FT.)	20.11	20.11		13.16	10.95
				Submerged Screen	No	No			
MW-207A	717.60	708.41	19.2	Static Water Level (FT.)	7.27	6.05	0.25	7.27	6.05
				Groundwater Elevation (FT. AMSL)	710.33	711.55			
				Measured Well Depth (FT.)	18.95	18.95		7.59	6.55
				Submerged Screen	Yes	Yes			
MW-208B	720.20	710.01	20.2	Static Water Level (FT.)	N/A	10.39	0.06	N/A	10.39
				Groundwater Elevation (FT. AMSL)	N/A	709.81			
				Measured Well Depth (FT.)	20.14	20.14		N/A	11.15
				Submerged Screen	N/A	No			
MW-209B	715.90	702.86	23.0	Static Water Level (FT.)	14.44	11.78	0.10	14.44	11.78
				Groundwater Elevation (FT. AMSL)	701.46	704.12			
				Measured Well Depth (FT.)	23.10	23.10		15.05	12.58
				Submerged Screen	No	Yes			
MW-210B	700.50	690.39	20.1	Static Water Level (FT.)	N/A	5.41	1.00	N/A	5.41
				Groundwater Elevation (FT. AMSL)	N/A	695.09			
				Measured Well Depth (FT.)	21.10	21.10		N/A	6.09
				Submerged Screen	N/A	Yes			
MW-211B	717.31	693.34	34.3	Static Water Level (FT.)	28.26	24.73	0.50	28.26	24.73
				Groundwater Elevation (FT. AMSL)	689.05	692.58			
				Measured Well Depth (FT.)	34.80	34.80		28.86	25.89
				Submerged Screen	No	No			
MW-212A	709.87	691.25	29.4	Static Water Level (FT.)	22.72	20.43	1.47	22.72	20.43
				Groundwater Elevation (FT. AMSL)	687.15	689.44			
				Measured Well Depth (FT.)	27.93	27.93		23.66	21.60
				Submerged Screen	No	No			
MW-213A	718.66	701.47	32.2	Static Water Level (FT.)	N/A	16.33	0.31	N/A	16.33
				Groundwater Elevation (FT. AMSL)	N/A	702.33			
				Measured Well Depth (FT.)	31.88	31.88		N/A	17.00
				Submerged Screen	N/A	Yes			

Table 4
Monitoring Well Maintenance and Performance Summary - Monitoring and Delineation Wells
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Iowa City Sanitary Landfill
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Well	Top of Casing (FT. AMSL)	Top of Screen (FT. AMSL)	Total Depth (FT. BTOC)	Measurement Description	Date of Measurements		Maximum Depth Discrepancy (FT.)	Fall 2025 Levels (at start and end of purging)	Spring 2026 Levels (at start and end of purging)
					Oct-25	May-26		(FT. BTOC)	(FT. BTOC)
MW-214A	745.79	700.20	38.6	Static Water Level (FT.)	N/A	19.19	0.68	N/A	19.19
				Groundwater Elevation (FT. AMSL)	N/A	726.60			
				Measured Well Depth (FT.)	37.93	37.93		N/A	21.39
				Submerged Screen	N/A	Yes			
MW-215A	728.21	673.10	54.6	Static Water Level (FT.)	N/A	29.33	2.44	N/A	29.33
				Groundwater Elevation (FT. AMSL)	N/A	698.88			
				Measured Well Depth (FT.)	52.16	52.16		N/A	33.45
				Submerged Screen	N/A	Yes			
MW-216A	718.70	695.29	38.4	Static Water Level (FT.)	29.75	29.37	1.40	29.75	29.37
				Groundwater Elevation (FT. AMSL)	688.95	689.33			
				Measured Well Depth (FT.)	37.00	37.00		31.70	30.35
				Submerged Screen	No	No			
MW-217A	722.95	696.18	41.8	Static Water Level (FT.)	37.09	32.61	0.83	37.09	32.61
				Groundwater Elevation (FT. AMSL)	685.86	690.34			
				Measured Well Depth (FT.)	42.63	42.63		37.87	33.51
				Submerged Screen	No	No			
MW-218A	728.20	696.40	46.8	Static Water Level (FT.)	27.94	21.23	0.74	27.94	21.23
				Groundwater Elevation (FT. AMSL)	700.26	706.97			
				Measured Well Depth (FT.)	47.54	47.54		31.40	24.00
				Submerged Screen	Yes	Yes			
MW-219A	736.17	697.78	53.4	Static Water Level (FT.)	23.36	25.10	0.40	23.36	25.10
				Groundwater Elevation (FT. AMSL)	712.81	711.07			
				Measured Well Depth (FT.)	53.00	53.00		27.11	28.86
				Submerged Screen	Yes	Yes			
MW-220A	739.32	697.07	57.3	Static Water Level (FT.)	30.97	16.95	0.82	30.97	16.95
				Groundwater Elevation (FT. AMSL)	708.35	722.37			
				Measured Well Depth (FT.)	58.12	58.12		34.73	21.65
				Submerged Screen	Yes	Yes			
MW-310A	707.71	693.56	24.2	Static Water Level (FT.)	10.60	7.51	0.05	10.60	7.51
				Groundwater Elevation (FT. AMSL)	697.11	700.20			
				Measured Well Depth (FT.)	24.15	24.15		12.68	9.84
				Submerged Screen	Yes	Yes			
MW-312A	734.88	716.90	28.0	Static Water Level (FT.)	11.84	7.56	0.02	11.84	7.56
				Groundwater Elevation (FT. AMSL)	723.04	727.32			
				Measured Well Depth (FT.)	27.98	27.98		12.35	8.20
				Submerged Screen	Yes	Yes			

Table 4
Monitoring Well Maintenance and Performance Summary - Monitoring and Delineation Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
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Well	Top of Casing (FT. AMSL)	Top of Screen (FT. AMSL)	Total Depth (FT. BTOC)	Measurement Description	Date of Measurements		Maximum Depth Discrepancy (FT.)	Fall 2025 Levels (at start and end of purging)	Spring 2026 Levels (at start and end of purging)
					Oct-25	May-26		(FT. BTOC)	(FT. BTOC)
MW-408	695.88	687.07	19.4	Static Water Level (FT.)	12.51	5.75	0.04	12.51	5.75
				Groundwater Elevation (FT. AMSL)	683.37	690.13			
				Measured Well Depth (FT.)	19.36	19.36		13.49	7.03
				Submerged Screen	No	Yes			
MW-410	705.80	692.63	28.4	Static Water Level (FT.)	13.81	11.62	0.02	13.81	11.62
				Groundwater Elevation (FT. AMSL)	691.99	694.18			
				Measured Well Depth (FT.)	28.38	28.38		15.11	14.04
				Submerged Screen	No	Yes			

NOTES:

FT. - Feet

FT. AMSL - Feet Above Mean Sea Level

FT. BTOC - Feet Below Top of Casing

N/A - Not Applicable; Well was not installed at this time or was not sampled during the monitoring event.

Table 5
Background and GWPS Summary
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Interwell Background/GWPS - (Low Flow Sampling Data - February 2008 to Current) - Background for Monitoring Wells using MW-34A, MW-38A, MW-39B											
Constituent	**Units**	**Samples**	**Detections**	**Min**	**Max**	**Mean**	**Background Levels**	**Background Source**	**Statistical Test**	**GWPS**	**Source**
Inorganics											
Antimony	mg/L	88	3	0.000163	0.000933	0.0009193	0.000933	Highest Non-Detect	NP Inter (NDs) 1 of 2	0.006	MCL
Arsenic	mg/L	93	30	0.000232	0.0222	0.001381	0.0222	Highest Background Detect	NP Inter (NDs) 1 of 2	0.0222	BG
Barium	mg/L	92	92	0.125	0.406	0.2187	0.406	Highest Background Detect	NP Inter (Normality) 1 of 2	2	MCL
Beryllium	mg/L	94	4	0.000064	0.00107	0.0002473	0.00107	Highest Background Detect	NP Inter (NDs) 1 of 2	0.004	MCL
Cadmium	mg/L	89	13	0.000054	0.00173	0.0001893	0.00173	Highest Background Detect	NP Inter (NDs) 1 of 2	0.005	MCL
Chromium	mg/L	85	25	0.000794	0.0477	0.004095	0.0477	Highest Background Detect	NP Inter (NDs) 1 of 2	0.1	MCL
Cobalt	mg/L	95	40	0.000049	0.00939	0.0009951	0.00939	Highest Background Detect	NP Inter (NDs) 1 of 2	0.00939	BG
Copper	mg/L	87	16	0.000497	0.00534	0.001388	0.00534	Highest Background Detect	NP Inter (NDs) 1 of 2	1.3	MCL
Lead	mg/L	93	15	0.000186	0.0128	0.0006374	0.0128	Highest Background Detect	NP Inter (NDs) 1 of 2	0.015	MCL
Nickel	mg/L	92	32	0.000588	0.105	0.004485	0.105	Highest Background Detect	NP Inter (NDs) 1 of 2	0.105	BG
Selenium	mg/L	89	8	0.000982	0.00409	0.001105	0.00409	Highest Background Detect	NP Inter (NDs) 1 of 2	0.05	MCL
Silver	mg/L	88	3	0.000115	0.000141	0.0001155	0.000141	Highest Background Detect	NP Inter (NDs) 1 of 2	0.1	SWS
Thallium	mg/L	88	2	0.0002	0.000255	0.0002544	0.000255	Highest Non-Detect	NP Inter (NDs) 1 of 2	0.002	MCL
Vanadium	mg/L	87	35	0.000281	0.00554	0.001744	0.00554	Highest Background Detect	NP Inter (NDs) 1 of 2	0.035	SWS
Zinc	mg/L	91	9	0.00692	0.0684	0.009821	0.0684	Highest Background Detect	NP Inter (NDs) 1 of 2	2	SWS

COMMENTS:
Interwell prediction limits are calculated for the upgradient monitoring wells using pooled background data from MW-34A, MW-38A, and MW-39B for inorganic constituents. Background data is evaluated for potential trends and outliers prior to statistical analysis, as provided in **Appendix B**.

Intrawell Background/GWPS Underdrain WT-1 (Sampling Data - October 2017 to October 2021)											
Constituent	**Units**	**Samples**	**Detections**	**Min**	**Max**	**Mean**	**Background Levels**	**Background Source**	**Statistical Test**	**GWPS**	**Source**
Inorganics											
Antimony	mg/L	10	1	0.000239	0.00200	0.001824	0.000933	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.006	MCL
Arsenic	mg/L	10	7	0.000853	0.0062	0.002933	0.01909	Parametric Limit	Param Intra 1 of 2	0.01909	BG
Barium	mg/L	9	9	0.0584	0.276	0.1962	0.4891	Parametric Limit	Param Intra 1 of 2	2	MCL
Beryllium	mg/L	10	0	0.00400	0.00400	0.00400	0.000236	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.004	MCL
Cadmium	mg/L	10	0	0.000800	0.000800	0.000800	0.000167	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.005	MCL
Chromium	mg/L	9	1	0.00120	0.00800	0.007244	0.00120	Highest Background Detect	NP Intra (NDs) 1 of 2	0.1	MCL
Cobalt	mg/L	9	9	0.000781	0.00655	0.003227	0.01128	Parametric Limit	Param Intra 1 of 2	0.01128	BG
Copper	mg/L	9	1	0.00171	0.00400	0.003746	0.0032	Highest Background Detect	NP Intra (NDs) 1 of 2	1.3	MCL
Lead	mg/L	9	5	0.000421	0.00400	0.002091	0.001617	Parametric Limit	Param Intra 1 of 2	0.015	MCL
Nickel	mg/L	10	9	0.00200	0.0256	0.008021	0.03695	Parametric Limit	Param Intra 1 of 2	0.1	SWS
Selenium	mg/L	10	2	0.00221	0.00400	0.003654	0.00233	Highest Background Detect	NP Intra (NDs) 1 of 2	0.05	MCL
Silver	mg/L	10	1	0.000590	0.00400	0.003659	0.00059	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.1	SWS
Thallium	mg/L	10	1	0.000200	0.00200	0.00182	0.000255	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.002	MCL
Vanadium	mg/L	9	3	0.00114	0.0200	0.01384	0.00195	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.035	SWS
Zinc	mg/L	10	1	0.0200	0.0315	0.02115	0.0315	Highest Background Detect	NP Intra (NDs) 1 of 2	2	SWS

COMMENTS:
Intrawell prediction limits were calculated based on background data collected from groundwater underdrain WT-1 during the period from October 2017 through October 2021 for inorganic constituents.

Table 5
Background and GWPS Summary
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Intrawell Background/GWPS Underdrain WT-2 (Sampling Data - October 2017 to October 2021)											
Constituent	**Units**	**Samples**	**Detections**	**Min**	**Max**	**Mean**	**Background Levels**	**Background Source**	**Statistical Test**	**GWPS**	**Source**
Inorganics											
Antimony	mg/L	10	1	0.000403	0.00200	0.00184	0.000933	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.006	MCL
Arsenic	mg/L	10	9	0.00200	0.0515	0.01215	0.1016	Parametric Limit	Param Intra 1 of 2	0.1016	BG
Barium	mg/L	10	10	0.0286	0.240	0.1581	0.3807	Parametric Limit	Param Intra 1 of 2	2	MCL
Beryllium	mg/L	10	1	0.000538	0.00400	0.003654	0.000538	Highest Background Detect	NP Intra (NDs) 1 of 2	0.004	MCL
Cadmium	mg/L	10	1	0.000100	0.000800	0.000730	0.000167	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.005	MCL
Chromium	mg/L	9	0	0.00800	0.00800	0.00800	0.00114	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.1	MCL
Cobalt	mg/L	10	10	0.000300	0.00760	0.003681	0.01195	Parametric Limit	Param Intra 1 of 2	0.01195	BG
Copper	mg/L	9	0	0.00400	0.00400	0.00400	0.000497	Highest Non-Detect	NP Intra (NDs) 1 of 2	1.3	MCL
Lead	mg/L	9	2	0.000344	0.00400	0.003213	0.000575	Highest Background Detect	NP Intra (NDs) 1 of 2	0.015	MCL
Nickel	mg/L	10	10	0.00150	0.0196	0.008096	0.02661	Parametric Limit	Param Intra 1 of 2	0.1	SWS
Selenium	mg/L	10	1	0.00178	0.00400	0.003778	0.00178	Highest Background Detect	NP Intra (NDs) 1 of 2	0.05	MCL
Silver	mg/L	10	0	0.00400	0.00400	0.00400	0.00115	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.1	SWS
Thallium	mg/L	10	1	0.000200	0.00200	0.00182	0.000255	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.002	MCL
Vanadium	mg/L	9	1	0.00129	0.0200	0.01792	0.00129	Highest Background Detect	NP Intra (NDs) 1 of 2	0.035	SWS
Zinc	mg/L	10	1	0.0200	0.0307	0.02107	0.0307	Highest Background Detect	NP Intra (NDs) 1 of 2	2	SWS

COMMENTS:
Intrawell prediction limits were calculated based on background data collected from groundwater underdrain WT-2 during the period from October 2017 through October 2021 for inorganic constituents.

Intrawell Background/GWPS Underdrain WT-3 (Sampling Data - October 2017 to May 2022)											
Constituent	**Units**	**Samples**	**Detections**	**Min**	**Max**	**Mean**	**Background Levels**	**Background Source**	**Statistical Test**	**GWPS**	**Source**
Inorganics											
Antimony	mg/L	10	1	0.000233	0.00200	0.001823	0.000933	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.006	MCL
Arsenic	mg/L	10	10	0.00241	0.0208	0.01299	0.03575	Parametric Limit	Param Intra 1 of 2	0.03575	BG
Barium	mg/L	10	10	0.0558	0.170	0.1093	0.2712	Parametric Limit	Param Intra 1 of 2	2	MCL
Beryllium	mg/L	10	0	0.00400	0.00400	0.00400	0.000236	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.004	MCL
Cadmium	mg/L	10	0	0.000800	0.000800	0.000800	0.000167	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.005	MCL
Chromium	mg/L	9	0	0.00800	0.00800	0.00800	0.00114	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.1	MCL
Cobalt	mg/L	10	10	0.000600	0.00835	0.002748	0.02079	Parametric Limit	Param Intra 1 of 2	0.02079	BG
Copper	mg/L	10	2	0.00400	0.00520	0.004225	0.0052	Highest Background Detect	NP Intra (NDs) 1 of 2	1.3	MCL
Lead	mg/L	9	0	0.00400	0.00400	0.00400	0.000186	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.015	MCL
Nickel	mg/L	10	10	0.000900	0.0152	0.004666	0.02137	Parametric Limit	Param Intra 1 of 2	0.1	SWS
Selenium	mg/L	10	0	0.00400	0.00400	0.00400	0.000982	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.05	MCL
Silver	mg/L	10	0	0.00400	0.00400	0.00400	0.000115	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.1	SWS
Thallium	mg/L	10	0	0.00200	0.00200	0.00200	0.000255	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.002	MCL
Vanadium	mg/L	9	0	0.0200	0.0200	0.0200	0.0017	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.035	SWS
Zinc	mg/L	10	1	0.0174	0.0200	0.01974	0.0174	Highest Non-Detect	NP Intra (NDs) 1 of 2	2	SWS

COMMENTS:
Intrawell prediction limits were calculated based on background data collected from groundwater underdrain WT-3 during the period from October 2017 through May 2022 for inorganic constituents.

Table 5
Background and GWPS Summary
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Intrawell Background/GWPS Underdrain WT-4 (Sampling Data - October 2017 to April 2021)											
Constituent	**Units**	**Samples**	**Detections**	**Min**	**Max**	**Mean**	**Background Levels**	**Background Source**	**Statistical Test**	**GWPS**	**Source**
Inorganics											
Antimony	mg/L	9	1	0.000267	0.00200	0.001807	0.000933	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.006	MCL
Arsenic	mg/L	9	4	0.00107	0.00400	0.003028	0.00266	Highest Background Detect	NP Intra (NDs) 1 of 2	0.01	MCL
Barium	mg/L	9	9	0.0229	0.0669	0.0324	0.1258	Parametric Limit	Param Intra 1 of 2	2	MCL
Beryllium	mg/L	9	0	0.00400	0.00400	0.00400	0.000236	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.004	MCL
Cadmium	mg/L	9	3	0.000100	0.000220	0.0001251	0.00022	Highest Background Detect	NP Intra (NDs) 1 of 2	0.005	MCL
Chromium	mg/L	8	0	0.00800	0.00800	0.00800	0.00114	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.1	MCL
Cobalt	mg/L	9	8	0.000101	0.00208	0.0007676	0.00361	Parametric Limit	Param Intra 1 of 2	0.00361	BG
Copper	mg/L	9	1	0.00400	0.00498	0.004109	0.00498	Highest Non-Detect	NP Intra (NDs) 1 of 2	1.3	MCL
Lead	mg/L	8	3	0.000206	0.00400	0.002658	0.000645	Highest Background Detect	NP Intra (NDs) 1 of 2	0.015	MCL
Nickel	mg/L	9	8	0.00241	0.0275	0.01066	0.04288	Parametric Limit	Param Intra 1 of 2	0.1	SWS
Selenium	mg/L	8	1	0.00148	0.00400	0.003685	0.00148	Highest Background Detect	NP Intra (NDs) 1 of 2	0.05	MCL
Silver	mg/L	9	0	0.00400	0.00400	0.00400	0.000115	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.1	SWS
Thallium	mg/L	9	0	0.00200	0.00200	0.00200	0.000255	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.002	MCL
Vanadium	mg/L	8	1	0.00142	0.0200	0.01768	0.0017	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.035	SWS
Zinc	mg/L	8	2	0.0128	0.0200	0.01824	0.0131	Highest Non-Detect	NP Intra (NDs) 1 of 2	2	SWS

COMMENTS:
Intrawell prediction limits were calculated based on background data collected from groundwater underdrain WT-4 during the period from October 2017 through April 2021 for inorganic constituents.

Intrawell Background/GWPS Underdrain WT-OF (Sampling Data - October 2023 - October 2025)											
Constituent	**Units**	**Samples**	**Detections**	**Min**	**Max**	**Mean**	**Background Levels**	**Background Source**	**Statistical Test**	**GWPS**	**Source**
Inorganics											
Antimony	mg/L	8	0	0.001	0.001	0.001	0.000933	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.006	MCL
Arsenic	mg/L	8	6	0.00053	0.00362	0.001198	0.01379	Parametric Limit	Param Intra 1 of 2	0.01379	BG
Barium	mg/L	8	8	0.0868	0.1630	0.1126	0.224	Parametric Limit	Param Intra 1 of 2	2	MCL
Beryllium	mg/L	8	0	0.00033	0.00033	0.00033	0.000236	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.004	MCL
Cadmium	mg/L	8	3	0.000100	0.000269	0.0001227	0.000269	Highest Background Detect	NP Intra (NDs) 1 of 2	0.005	MCL
Chromium	mg/L	8	1	0.00180	0.00286	0.00193	0.00286	Highest Background Detect	NP Intra (NDs) 1 of 2	0.1	MCL
Cobalt	mg/L	7	7	0.000324	0.00372	0.0011800	0.01134	Parametric Limit	Param Intra 1 of 2	0.01134	BG
Copper	mg/L	8	1	0.00320	0.0098	0.004025	0.0098	Highest Background Detect	NP Intra (NDs) 1 of 2	1.3	MCL
Lead	mg/L	8	1	0.000330	0.00148	0.000474	0.00148	Highest Background Detect	NP Intra (NDs) 1 of 2	0.015	MCL
Nickel	mg/L	8	8	0.00304	0.0483	0.01568	0.08488	Parametric Limit	Param Intra 1 of 2	0.1	SWS
Selenium	mg/L	7	1	0.00140	0.0017	0.001443	0.0017	Highest Background Detect	NP Intra (NDs) 1 of 2	0.05	MCL
Silver	mg/L	8	0	0.00050	0.00050	0.00050	0.000115	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.1	SWS
Thallium	mg/L	8	0	0.00057	0.00057	0.00057	0.000255	Highest Non-Detect	NP Intra (NDs) 1 of 2	0.002	MCL
Vanadium	mg/L	8	1	0.00170	0.0034	0.00191	0.00339	Highest Background Detect	NP Intra (NDs) 1 of 2	0.035	SWS
Zinc	mg/L	8	1	0.0130	0.0186	0.01370	0.0186	Highest Background Detect	NP Intra (NDs) 1 of 2	2	SWS

COMMENTS:
Intrawell prediction limits were calculated based on background data collected from groundwater underdrain WT-OF during the period from October 2023 through October 2025 for inorganic constituents.

NOTES:
BG - Background; Value is established from a site-specific background concentration.
GWPS - Groundwater Protection Standard
MCL - Maximum Contaminant Level; Value is established in the United States Environmental Protection Agency's National Primary Drinking Water Regulations
mg/L - milligrams per liter
SWS - Statewide Standard; Iowa Department of Natural Resources Statewide Standards for a Protected Groundwater Source

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Table 6
Summary of Well/Detected Constituent Pairs with No Previous SSIs
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well/Monitoring Location	Constituent	Units	Most Recent Result Spring 2026	Interwell/Intrawell Background Standard
HMSP Series A & Series B Monitoring Wells ***(Interwell Background Standard)***				
MW-1B	Arsenic	mg/L	0.00327	0.0222
	Barium	mg/L	**0.555**	0.406
	Vanadium	mg/L	0.00104	0.00554
	TSS[(2)]	mg/L	36.0	N/A
MW-310A	Barium	mg/L	0.112	0.406
	Selenium	mg/L	0.00110 J	0.00409
	Vanadium	mg/L	0.000390	0.00554
	TSS[(2)]	mg/L	<1.88	N/A
MW-312A	Barium	mg/L	0.190	0.406
	Benzene	µg/L	0.322 J	0.500 (RL)
	Vanadium	mg/L	0.000548	0.00554
	TSS[(2)]	mg/L	<1.88	N/A
MW-408	Barium	mg/L	0.196	0.406
	Cobalt	mg/L	0.000579 J	0.00939
	Copper	mg/L	0.000705 J	0.00534
	Nickel	mg/L	0.00253	0.105
	Selenium	mg/L	0.00298	0.00409
	Vanadium	mg/L	0.00280	0.00554
	TSS[(2)]	mg/L	17.7	N/A
MW-410	Arsenic	mg/L	0.000499 J	0.0222
	Barium	mg/L	0.0873	0.406
	Cobalt	mg/L	0.000886 J	0.00939
	Copper	mg/L	0.00144 J	0.00534
	Nickel	mg/L	0.00210	0.105
	Vanadium	mg/L	0.000231 J	0.00554
	TSS[(2)]	mg/L	4.88	N/A
Groundwater Underdrains ***(Intrawell Background Standard)***				
ST-1	N/A - No sample collected during monitoring event.			
WT-OF[(1)]	Arsenic	mg/L	0.000428 J	0.01379
	Barium	mg/L	0.101	0.224
	Cobalt	mg/L	0.000541 J	0.01134
	Copper	mg/L	0.000650 J	0.0098
	Nickel	mg/L	0.0102	0.08488
	Vanadium	mg/L	0.000112 J	0.00339
	TSS[(2)]	mg/L	<1.88	N/A

Table 6
Summary of Well/Detected Constituent Pairs with No Previous SSIs
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well/Monitoring Location	Constituent	Units	Most Recent Result Spring 2026	Interwell/Intrawell Background Standard
WT-1	Arsenic	mg/L	0.000643 J	0.01909
	Barium	mg/L	0.231	0.4891
	Cobalt	mg/L	0.00223	0.01128
	Copper	mg/L	0.00111 J	0.0032
	Nickel	mg/L	0.00396	0.03695
	Vanadium	mg/L	0.0000990 J	0.00195
	TSS[(2)]	mg/L	8.60	N/A
WT-2	Arsenic	mg/L	0.00102	0.1016
	Barium	mg/L	0.131	0.3807
	Cobalt	mg/L	0.00336	0.01195
	Nickel	mg/L	0.00383	0.02661
	TSS[(2)]	mg/L	3.63	N/A
WT-3	Arsenic	mg/L	0.00607	0.03575
	Barium	mg/L	**0.297**	0.2712
	Nickel	mg/L	0.00244	0.02137
	Vanadium	mg/L	0.000244 J	0.0017
	TSS[(2)]	mg/L	35.0	N/A
WT-4	Arsenic	mg/L	0.000237 J	0.00266
	Barium	mg/L	0.0691	0.1258
	Cobalt	mg/L	0.000500 J	0.00361
	Copper	mg/L	0.000623 J	0.00498
	Nickel	mg/L	0.0122	0.04288
	Vanadium	mg/L	0.000145 J	0.0017
	TSS[(2)]	mg/L	<1.88	N/A

NOTES:

BOLD - Result is above the respective interwell/intrawell prediction limit for inorganic constituents or above the laboratory's reporting limit for organic constituents.

[(1)] With the completion of the Fall 2025 sampling event, sufficient data has been collected at monitoring location WT-OF for background standards to be developed.

[(2)] TSS data is presented for additional information and is not compared to a background standard.

J - A laboratory flag for a constituent detected between the method detection limit (MDL) and the laboratory's reporting limit (RL). The concentrations are estimated values and are not considered statistically significant.

mg/L - milligrams per liter

µg/L - micrograms per liter

N/A - Not Applicable

TSS - Total Suspended Solids

COMMENTS:

- This table reports only constituents with concentrations detected above the MDL at monitoring locations in the Detection Monitoring Program. The full list of constituents analyzed at these monitoring locations during the monitoring event is in the laboratory analytical reports included in **Appendix C**.

- The Iowa Department of Natural Resources was notified of corrective action remedy completion and monitoring program modification in a letter dated September 15, 2025. As indicated in the letter, monitoring wells MW-1B, MW-310A, MW-312A, MW-408, and MW-410 were managed under Detection Monitoring Program during the spring 2026 semiannual monitoring event.

Table 7
Summary of Ongoing and Newly Identified SSIs in Assessment Monitoring
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well	Constituent	Units	Most Recent Result Spring 2026	Background Standard	LCL	GWPS
Series A Monitoring Wells						
MW-17A-00	Barium	mg/L	0.498	0.406	0.4614	2
	Nickel	mg/L	0.000843J	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	4.25	N/A	N/A	N/A
MW-18AR	cis-1,2-Dichloroethene	µg/L	1.67	1.00 (RL)	N/A - No SSI	70
	1,1-Dichloroethane	µg/L	0.961J	1.00 (RL)	N/A - No SSI	140
	Dichlorodifluoromethane	µg/L	8.80	3.00 (RL)	4.224	1,000
	Tetrachloroethene	µg/L	4.42	1.00 (RL)	3.627	5
	Trichloroethene	µg/L	1.37	1.00 (RL)	N/A - No SSI	5
	Trichlorofluoromethane	µg/L	3.46J	4.00 (RL)	N/A - No SSI	2,000
	Arsenic	mg/L	0.000284J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.960	0.406	0.773	2
	Nickel	mg/L	0.00138J	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	<5.00	N/A	N/A	N/A
MW-23A	Arsenic	mg/L	0.000330J	0.0222	N/A - No SSI	0
	Barium	mg/L	0.344	0.406	N/A - No SSI	2
	Copper	mg/L	0.00103J	0.00534	N/A - No SSI	1.30
	Lead	mg/L	0.000220J	0.0128	N/A - No SSI	0.015
	Nickel	mg/L	0.00189J	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	8.13	N/A	N/A	N/A
MW-24A	Arsenic	mg/L	0.0280	0.0222	0.005577	0.0222
	Barium	mg/L	0.308	0.406	N/A - No SSI	2
	Cobalt	mg/L	0.00910	0.00939	N/A - No SSI	0.00939
	Copper	mg/L	0.00144J	0.00534	N/A - No SSI	1.3
	Lead	mg/L	0.000580	0.0128	N/A - No SSI	0.015
	Nickel	mg/L	0.0123	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	35.0	N/A	N/A	N/A

Table 7
Summary of Ongoing and Newly Identified SSIs in Assessment Monitoring
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
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Well	Constituent	Units	Most Recent Result Spring 2026	Background Standard	LCL	GWPS
MW-25A-00	Arsenic	mg/L	0.000296J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.207	0.406	N/A - No SSI	2
	Copper	mg/L	0.000617J	0.00534	N/A - No SSI	1.3
	Nickel	mg/L	0.00177J	0.105	N/A - No SSI	0.105
	Vanadium	mg/L	0.000715	0.00554	N/A - No SSI	0.035
	TSS[(1)]	mg/L	<5.00	N/A	N/A	N/A
MW-29A	Arsenic	mg/L	0.000420J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.258	0.406	N/A - No SSI	2
	Copper	mg/L	0.00161J	0.00534	N/A - No SSI	1.3
	Nickel	mg/L	0.00249	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	1.75J	N/A	N/A	N/A
MW-200A	Barium	mg/L	1.08	0.406	0.924	2
	Benzene	µg/L	0.442J	0.500 (RL)	N/A - No SSI	5
	Nickel	mg/L	0.000902J	0.105	N/A - No SSI	0.105
	Styrene	µg/L	0.462J	1.00 (RL)	N/A - No SSI	100
	TSS[(1)]	mg/L	<1.88	N/A	N/A	N/A
MW-201A	Arsenic	mg/L	0.000283J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.211	0.406	N/A - No SSI	2.0
	Benzene	µg/L	0.226J	0.500 (RL)	N/A - No SSI	5
	TSS[(1)]	mg/L	<1.88	N/A	N/A	N/A
MW-202A	Arsenic	mg/L	0.000365J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.300	0.406	N/A - No SSI	2
	TSS[(1)]	mg/L	<1.88	N/A	N/A	N/A
MW-203A	Barium	mg/L	0.319	0.406	N/A - No SSI	2
	TSS[(1)]	mg/L	<1.88	N/A	N/A	N/A

Table 7
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2026 Spring Statistical Report
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Well	Constituent	Units	Most Recent Result Spring 2026	Background Standard	LCL	GWPS
MW-204A	Arsenic	mg/L	0.00903	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.168	0.406	N/A - No SSI	2
	Copper	mg/L	0.00316	0.00534	N/A - No SSI	1.3
	Lead	mg/L	0.000521	0.0128	N/A - No SSI	0.015
	Nickel	mg/L	0.00224	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	8.37	N/A	N/A	N/A
MW-205A	Arsenic	mg/L	0.00234	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.245	0.406	N/A - No SSI	2
	Copper	mg/L	0.000735J	0.00534	N/A - No SSI	1.3
	Nickel	mg/L	0.00144J	0.105	N/A - No SSI	0.105
	Vanadium	mg/L	0.000862	0.00554	N/A - No SSI	0.035
	TSS[(1)]	mg/L	30.5	N/A	N/A	N/A
MW-213A	Arsenic	mg/L	0.000897J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.0813	0.406	N/A - No SSI	2
	Cobalt	mg/L	0.00586	0.00939	N/A - No SSI	0.00939
	Copper	mg/L	0.00130J	0.00534	N/A - No SSI	1.3
	Lead	mg/L	0.000189J	0.0128	N/A - No SSI	0.015
	Nickel	mg/L	0.00283	0.105	N/A - No SSI	0.105
	Vanadium	mg/L	0.00131	0.00554	N/A - No SSI	0.035
	TSS[(1)]	mg/L	16.0	N/A	N/A	N/A
MW-214A	Arsenic	mg/L	0.000265J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.254	0.406	N/A - No SSI	2
	Nickel	mg/L	0.00137J	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	4.00	N/A	N/A	N/A

Table 7
Summary of Ongoing and Newly Identified SSIs in Assessment Monitoring
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Well	Constituent	Units	Most Recent Result Spring 2026	Background Standard	LCL	GWPS
MW-215A	Arsenic	mg/L	0.00269	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.206	0.406	N/A - No SSI	2
	Cobalt	mg/L	0.00238	0.00939	N/A - No SSI	0.00939
	Copper	mg/L	0.00754	0.00534	0.002342	1.3
	Lead	mg/L	0.00368	0.0128	N/A - No SSI	0.015
	Nickel	mg/L	0.00756	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	216	N/A	N/A	N/A
MW-216A	Arsenic	mg/L	0.000254J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.0572	0.406	N/A - No SSI	2
	Copper	mg/L	0.00137J	0.00534	N/A - No SSI	1.3
	Nickel	mg/L	0.00434	0.105	N/A - No SSI	0.105
	Vanadium	mg/L	0.00108	0.00554	N/A - No SSI	0.035
	TSS[(1)]	mg/L	15.9	N/A	N/A	N/A
MW-217A	Barium	mg/L	0.122	0.406	N/A - No SSI	2
	Chromium	mg/L	0.00128J	0.0477	N/A - No SSI	0.1
	Nickel	mg/L	0.000955J	0.105	N/A - No SSI	0.1
	Vanadium	mg/L	0.000495	0.00554	N/A - No SSI	0.035
	TSS[(1)]	mg/L	1.50J	N/A	N/A	N/A
MW-218A	Barium	mg/L	0.271	0.406	N/A - No SSI	2
	Vanadium	mg/L	0.000884	0.00554	N/A - No SSI	0.035
	TSS[(1)]	mg/L	2.13	N/A	N/A	N/A
MW-219A	Barium	mg/L	0.651	0.406	0.5881	2
	Copper	mg/L	0.000715J	0.00534	N/A - No SSI	1.3
	Vanadium	mg/L	0.000607	0.00554	N/A - No SSI	0.035
	TSS[(1)]	mg/L	1.13J	N/A	N/A	N/A

Table 7
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Well	Constituent	Units	Most Recent Result Spring 2026	Background Standard	LCL	GWPS
MW-220A	Arsenic	mg/L	0.000247J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.206	0.406	N/A - No SSI	2
	Copper	mg/L	0.00140J	0.00534	N/A - No SSI	1.3
	Nickel	mg/L	0.00253	0.105	N/A - No SSI	0.105
	Vanadium	mg/L	0.000435	0.00554	N/A - No SSI	0.035
	Zinc	mg/L	0.205	0.0684	0.013	2
	TSS[(1)]	mg/L	4.00	N/A	N/A	N/A
Series B Monitoring Wells						
MW-5B	Arsenic	mg/L	0.000585J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.170	0.406	N/A - No SSI	2
	Cobalt	mg/L	0.000721J	0.00939	N/A - No SSI	0.00939
	Copper	mg/L	0.00245	0.00534	N/A - No SSI	1.3
	Nickel	mg/L	0.00198J	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	1.88	N/A	N/A	N/A
MW-7B1	Arsenic	mg/L	0.00718	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.517	0.406	0.4773	2
	Nickel	mg/L	0.000894J	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	33.0	N/A	N/A	N/A
MW-8B	Arsenic	mg/L	0.0138	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.260	0.406	N/A - No SSI	2
	Cobalt	mg/L	0.00873	0.00939	N/A - No SSI	0.00939
	Copper	mg/L	0.000756J	0.00534	N/A - No SSI	1.3
	Nickel	mg/L	0.0131	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	24.3	N/A	N/A	N/A

Table 7
Summary of Ongoing and Newly Identified SSIs in Assessment Monitoring
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Well	Constituent	Units	Most Recent Result Spring 2026	Background Standard	LCL	GWPS
MW-10B	Arsenic	mg/L	0.000267J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.150	0.406	N/A - No SSI	2
	Nickel	mg/L	0.000986J	0.105	N/A - No SSI	0.105
	Vanadium	mg/L	0.00105	0.00554	N/A - No SSI	0.035
	Selenium	mg/L	0.00134J	0.00409	N/A - No SSI	0.05
	TSS[(1)]	mg/L	<1.88	N/A	N/A	N/A
MW-12B	Arsenic	mg/L	0.000741J	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.366	0.406	N/A - No SSI	2
	Cobalt	mg/L	0.000767J	0.00939	N/A - No SSI	0.00939
	Copper	mg/L	0.000704J	0.00534	N/A - No SSI	1.3
	Nickel	mg/L	0.00555	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	1.38J	N/A	N/A	N/A
MW-14B	Arsenic	mg/L	0.00144	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.391	0.406	N/A - No SSI	2
	Cobalt	mg/L	0.00496	0.00939	N/A - No SSI	0.00939
	Copper	mg/L	0.00182J	0.00534	N/A - No SSI	1.3
	Nickel	mg/L	0.0101	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	5.37	N/A	N/A	N/A
MW-31B	Arsenic	mg/L	0.00196	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.478	0.406	0.4296	2
	Chromium	mg/L	0.00412J	0.0477	N/A - No SSI	0.1
	Cobalt	mg/L	0.00109	0.00939	N/A - No SSI	0.00939
	Copper	mg/L	0.00277	0.00534	N/A - No SSI	1.3
	Lead	mg/L	0.00177	0.0128	N/A - No SSI	0.015
	Nickel	mg/L	0.00297	0.105	N/A - No SSI	0.105
	Vanadium	mg/L	0.00537	0.00554	N/A - No SSI	0.035
	TSS[(1)]	mg/L	78.5	N/A	N/A	N/A

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Well	Constituent	Units	Most Recent Result Spring 2026	Background Standard	LCL	GWPS
MW-208B	Arsenic	mg/L	0.00289	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.0631	0.406	N/A - No SSI	2
	Copper	mg/L	0.00325	0.00534	N/A - No SSI	1.3
	Nickel	mg/L	0.000936J	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	4.75	N/A	N/A	N/A
MW-210B	Arsenic	mg/L	0.00738	0.0222	N/A - No SSI	0.0222
	Barium	mg/L	0.146	0.406	N/A - No SSI	2
	Cobalt	mg/L	0.00240	0.00939	N/A - No SSI	0.00939
	Copper	mg/L	0.000781J	0.00534	N/A - No SSI	1.3
	Lead	mg/L	0.000328J	0.0128	N/A - No SSI	0.015
	Nickel	mg/L	0.00979	0.105	N/A - No SSI	0.105
	TSS[(1)]	mg/L	72.7	N/A	N/A	N/A

NOTES:

[(1)] TSS data is presented for additional information and is not compared to a background standard or GWPS.

J - A laboratory flag for a constituent detected between the method detection limit (MDL) and the laboratory's reporting limit (RL). The concentrations are estimated values and are not considered statistically significant.

mg/L - milligrams per liter

µg/L - micrograms per liter

GWPS - Groundwater Protection Standard

LCL - Lower Confidence Limit

N/A - Not Applicable

SSI - Statistically Significant Increase

TSS - Total Suspended Solids

COMMENTS:

- This table reports only constituents with concentrations detected above the MDL at monitoring locations in the Assessment Monitoring Program. The full list of constituents analyzed at these monitoring locations during the monitoring event is in the laboratory analytical reports included in **Appendix C**.

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Table 8
Summary of Ongoing and Newly Identified SSLs
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well	Constituent	Units	Most Recent Result Spring 2026	Upper Confidence Limit	GWPS	Initial Exceedance (Confirmed SSI)
Series A Monitoring Wells						
No ongoing or newly identified SSLs						
Series B Monitoring Wells						
No ongoing or newly identified SSLs						

COMMENTS:

- No ongoing or new statistically significant levels (SSLs) were identified during the Spring 2026 sampling event.

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Table 9A
Analytical Data Summary - Monitoring Wells
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

NOTES:

Historical analytical data for site monitoring wells is summarized on Table 9A included in **Appendix D**.

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Table 9B
Analytical Data Summary - Underdrains
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

NOTES:

Historical analytical data for site underdrains is summarized on Table 9B included in **Appendix D**.

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Table 10
Historic SSIs and SSLs
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Key: SSI - ; SSL -		Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Well	**Constituent**	2018	2018	2019	2019	2020	2020	2021	2021	2022	2022	2023	2023	2024	2024	2025	2025	2026
Series A Monitoring Wells																		
MW-1A*	Arsenic	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL									
MW-2A-97*	Cobalt	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL									
MW-16A*	1,1-Dichloroethane	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI									
	1,2-Dichloroethane	SSI	SSI		SSI													
	1,2-Dichloropropane	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI									
	Benzene	SSI	SSI															
	cis-1,2-Dichloroethene	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI									
	Dichlorodifluoromethane	SSI	SSI		SSI	SSI	SSI	SSI	SSI									
	Tetrachloroethene	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL									
	Trichloroethene	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL									
	Trichlorofluoromethane			SSI	SSI			SSI	SSI									
	Vinyl Chloride	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL									
MW-17A-00	Barium																	SSI
MW-18AR	Barium												SSI			SSI	SSI	SSI
	1,1-Dichloroethane						SSI		SSI									
	cis-1,2-Dichloroethene			SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI			
	Dichlorodifluoromethane			SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI
	Sulfide					SSI												
	Tetrachloroethene			SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI
	Trichloroethene			SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI			
	Trichlorofluoromethane			SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI							
MW-24A	Arsenic																	SSI
	Cobalt																SSI	
MW-200A	Barium									SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI
	Dichlorodifluoromethane							SSI	SSI	SSI	SSI	SSI	SSI					
MW-205A	Toluene						SSI											
MW-206A*	1,1-Dichloroethane	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI									
	cis-1,2-Dichloroethene	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI									
	Dichlorodifluoromethane	SSI	SSI	SSI	SSI	SSI	SSI	SSI	SSI									
	Tetrachloroethene	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL									
	Trichloroethene	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL									
MW-207A*	Arsenic	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL									
	Sulfide						SSI											
MW-212A*	Arsenic	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL									
MW-215A	Copper																	SSI
MW-216A	2-Butanone (MEK)						SSI											
	Sulfide	SSI																
MW-218A	Sulfide	SSI																
MW-219A	Barium																	SSI
	Sulfide	SSI									SSI							
MW-220A	Zinc																	SSI
MW-408	Cobalt	SSI																

Table 10
Historic SSIs and SSLs
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Key: SSI - ; SSL -		Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Well	**Constituent**	2018	2018	2019	2019	2020	2020	2021	2021	2022	2022	2023	2023	2024	2024	2025	2025	2026
Series B Monitoring Wells																		
MW-1B	Barium																	***
	Toluene																	
MW-5B	Toluene								NS		NS		NS		NS		NS	
MW-6B*	Arsenic																	
	Cobalt																	
	Sulfide																	
MW-7B1	1,1-Dichloroethane								NS		NS		NS		NS		NS	
	Barium																	
MW-8B	1,1-Dichloroethane								NS		NS		NS		NS		NS	
	Acetone								NS		NS		NS		NS		NS	
	Arsenic								NS		NS		NS		NS		NS	
	Sulfide								NS		NS		NS		NS		NS	
MW-10B	Selenium																	
	Toluene														**			
MW-11B*	Arsenic																	
	Chloroethane																	
MW-12B	Bis[2-ethylhexyl] phthalate[+]								NS		NS		NS		NS		NS	
MW-14B	1,1-Dichloroethane								NS		NS		NS		NS		NS	
MW-31B	Barium																	
MW-209B*	Arsenic																	
	Acetone																	
	Benzene																	
	beta-BHC																	
	2,4,5-TP [Silvex]																	
	Sulfide																	
	Toluene																	
	Xylenes																	
MW-211B*	Cobalt																	

Table 10
Historic SSIs and SSLs
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Key: SSI - ; SSL -		Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Well	**Constituent**	2018	2018	2019	2019	2020	2020	2021	2021	2022	2022	2023	2023	2024	2024	2025	2025	2026
Groundwater Underdrains																		
WT-1	Barium										NS							
	Chromium										NS							
	Cobalt										NS							
	Copper										NS							
	Lead										NS							
	Nickel										NS							
	Vanadium										NS							
WT-2	Acetone										NS							
	Benzene										NS							
	Cadmium										NS							
	Chromium										NS							
	Cobalt										NS							
	Copper										NS							
	Lead										NS							
	Vanadium										NS							
	Zinc										NS							
WT-3	Barium										NS							****
	Benzene										NS							
	Bromodichloromethane										NS						**	
	Chloroform										NS						**	
	Lead										NS							
	Vanadium										NS							
WT-4	Barium										NS							
	Bromodichloromethane										NS							
	Chloroform										NS							
	Cobalt										NS						**	
	Lead										NS							
	Vanadium										NS							

NOTES:

* - Indicates the monitoring well was designated as a source well in Revised Permit #7, dated September 2, 2021 (Iowa Department of Natural Resources Doc #101157). Statistical conclusions in accordance with 567 IAC 113.10(6) are no longer applicable after this date.

** - Initial result was above background, later confirmed as not an SSI through verification sampling

*** - Result was above background and is considered a potential SSI. Confirmation will be conducted during a verification sampling event prior to the next semiannual compliance monitoring event.

**** - Result was above background at the individual monitoring location. However, the constituent did not exceed its background value at the WT-OF monitoring location. Thus, no further action is required.

+ - The bis[2-ethylhexyl]phthalate SSI was not confirmed due to suspected laboratory contamination.

NS - Not Sampled; The monitoring point is either sampled annually or was dry during the montioring event.

SSI - Statistically Significant Increase

SSL - Statistically Significant Level

COMMENTS:

- For the 2022 reporting period and earlier, only initial confirmed SSIs were recorded on this table for inorganic constituents. Beginning in the 2023 reporting period, potential inorganic SSIs are included in this table.

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Table 11
Corrective Action Trend Analysis
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well	Constituent	Trend slope	Units	Calculated S	Critical S	Statistically Significant Trend	N
Source Characterization Monitoring Wells							
MW-1A	Arsenic	-0.003325	mg/L/year	-10	-20	No	8
	Barium	-0.06502	mg/L/year	-12	-20	No	8
	Cobalt	0.001007	mg/L/year	4	20	No	8
	Copper	0	mg/L/year	-7	-20	No	8
	Nickel	0.0006805	mg/L/year	14	20	No	8
	Vanadium	0	mg/L/year	-7	-20	No	8
MW-2A-97	Arsenic	-0.005148	mg/L/year	-18	-20	No	8
	Barium	-0.04568	mg/L/year	-12	-20	No	8
	Cobalt	-0.004486	mg/L/year	-13	-20	No	8
	Copper	0	mg/L/year	4	20	No	8
	Nickel	-0.0004644	mg/L/year	-3	-20	No	8
	Vanadium	0	mg/L/year	-7	-20	No	8
MW-6B	Arsenic	-0.007235	mg/L/year	-14	-20	No	8
	Barium	-0.07544	mg/L/year	-18	-20	No	8
	Cobalt	-0.002443	mg/L/year	-8	-20	No	8
	Nickel	-0.0005277	mg/L/year	-7	-20	No	8
	Vanadium	0	mg/L/year	-2	-20	No	8
MW-11B	Arsenic	0.0006104	mg/L/year	0	20	No	8
	Barium	-0.0339	mg/L/year	-10	-20	No	8
	Cobalt	-0.0003265	mg/L/year	-18	-20	No	8
	Nickel	-0.0002553	mg/L/year	-14	-20	No	8
	Vanadium	0	mg/L/year	-7	-20	No	8
MW-16A	1,1-Dichloroethane	-0.4747	µg/L/year	-10	-20	No	8
	1,2-Dichloropropane	-0.1499	µg/L/year	-13	-20	No	8
	2,4,5-TP [Silvex]	-0.05993	µg/L/year	-13	-17	No	7
	Arsenic	0	mg/L/year	-8	-20	No	8
	Barium	-0.02523	mg/L/year	-12	-20	No	8
	Benzene	-0.01103	µg/L/year	-1	-20	No	8
	Cadmium	0	mg/L/year	9	20	No	8
	cis-1,2-Dichloroethene	0.9619	µg/L/year	16	20	No	8
	Cobalt	-0.0005983	mg/L/year	-10	-20	No	8
	Copper	0	mg/L/year	-7	-20	No	8
	Nickel	-0.0007365	mg/L/year	-8	-20	No	8
	Tetrachloroethene	-0.2253	µg/L/year	-13	-20	No	8
	Trichloroethene	-0.7502	µg/L/year	-16	-20	No	8
	Trichlorofluoromethane	0	µg/L/year	11	20	No	8
	Vanadium	0	mg/L/year	-3	-20	No	8
	Vinyl Chloride	0.00574	µg/L/year	0	20	No	8
MW-18A-07	1,1-Dichloroethane	-17.7	µg/L/year	-18	-20	No	8
	1,1-Dichloroethene	-0.5596	µg/L/year	-20	-20	No	8
	Arsenic	-0.0009191	mg/L/year	-16	-20	No	8
	Barium	-0.08071	mg/L/year	-16	-20	No	8
	Benzene	-1.032	µg/L/year	-20	-20	No	8
	Chloroethane	0.05877	µg/L/year	2	20	No	8
	cis-1,2-Dichloroethene	13.62	µg/L/year	18	20	No	8
	Cobalt	-0.000567	mg/L/year	-18	-20	No	8
	Copper	0.0	mg/L/year	-7	-20	No	8
	Nickel	-0.00005912	mg/L/year	-12	-20	No	8
	Tetrachloroethene	-1.095	µg/L/year	-10	-20	No	8
	trans-1,2-Dichloroethene	-0.1207	µg/L/year	-14	-20	No	8
	Trichloroethene	**-4.304**	**µg/L/year**	**-26**	**-20**	**Yes**	**8**
	Trichlorofluoromethane	0.05511	µg/L/year	10	20	No	8
	Vanadium	0	mg/L/year	-7	-20	No	8
	Vinyl Chloride	-3.401	µg/L/year	-18	-20	No	8

Table 11
Corrective Action Trend Analysis
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well	Constituent	Trend slope	Units	Calculated S	Critical S	Statistically Significant Trend	N
Source Characterization Monitoring Wells							
MW-206A	1,1-Dichloroethane	-2.218	µg/L/year	-14	-20	No	8
	Arsenic	0	mg/L/year	-8	-20	No	8
	Barium	-0.02354	mg/L/year	-20	-20	No	8
	cis-1,2-Dichloroethene	-0.482	µg/L/year	-18	-20	No	8
	Copper	0	mg/L/year	-1	-20	No	8
	Nickel	0	mg/L/year	-1	-20	No	8
	Selenium	-0.00001371	mg/L/year	0	20	No	8
	Tetrachloroethene	-0.2041	µg/L/year	-20	-20	No	8
	Trichloroethene	-0.3459	µg/L/year	-18	-20	No	8
	Vanadium	0	mg/L/year	-7	-20	No	8
MW-207A	Arsenic	0.000226	mg/L/year	0	20	No	8
	Barium	-0.008033	mg/L/year	-4	-20	No	8
	Cobalt	-0.0001234	mg/L/year	-4	-20	No	8
	Nickel	0	mg/L/year	-4	-20	No	8
	Vanadium	0	mg/L/year	-7	-20	No	8
	Zinc	0	mg/L/year	-7	-20	No	8
MW-209B	2,4,5-TP [Silvex]	0.03629	µg/L/year	6	20	No	8
	Acetone	-0.5291	µg/L/year	-3	-20	No	8
	Arsenic	-0.002822	mg/L/year	-14	-20	No	8
	Barium	0.01958	mg/L/year	6	20	No	8
	Benzene	0.6349	µg/L/year	8	20	No	8
	Chlorobenzene	0.001755	µg/L/year	1	20	No	8
	Cobalt	0.00005187	mg/L/year	2	20	No	8
	Nickel	**0.006011**	**mg/L/year**	**24**	**20**	**Yes**	**8**
	Selenium	-0.000144	mg/L/year	-18	-20	No	8
	Vanadium	-0.0003212	mg/L/year	-6	-20	No	8
	Xylenes	-0.7064	µg/L/year	-12	-20	No	8
MW-211B	Arsenic	0.00746	mg/L/year	16	20	No	8
	Barium	-0.09942	mg/L/year	-20	-20	No	8
	Cobalt	-0.001106	mg/L/year	-2	-20	No	8
	Nickel	-0.004109	mg/L/year	-6	-20	No	8
	Vanadium	0	mg/L/year	-11	-20	No	8
	Zinc	-0.001508	mg/L/year	-10	-20	No	8
MW-212A	Arsenic	-0.0009521	mg/L/year	-14	-20	No	8
	Barium	-0.00008828	mg/L/year	0	20	No	8
	Copper	-0.000837	mg/L/year	-8	-20	No	8
	Vanadium	0.00003943	mg/L/year	0	20	No	8

NOTES:

BOLD - Statistically significant trend identified for constituent.

mg/L/year - milligrams per liter per year

N - Number of samples used to evaluate trend

S - Mann-Kendall Statistic

µg/L/year - micrograms per liter per year

COMMENTS:

- This table reports only trends for constituents detected above the method detection limit in the Source Characterization Monitoring Program monitoring wells durng the spring 2026 sampling event.

Table 12
CAMP - Natural Attenuation Parameters
2026 Statistical Analysis Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well ID	Date	TOC	Nitrate	Iron (Total)	Manganese (Total)	Sulfate
		mg/L	mg/L	mg/L	mg/L	mg/L
MW-1A	4/6/2015	4.93	<0.100	25.3	4.44	25.1
	10/5/2015	4.44	<0.100	22.5	3.94	25.2
	4/4/2016	5.03	1.20	24.8	4.31	23.3
	10/17/2016	4.84	<0.100	23.2	4.13	23.5
	10/20/2021	6.92	<0.100	31.9	4.02	16.5
	5/2/2022	6.94	<0.100	29.0	3.89	23.9
	5/1/2023	8.80	<0.200	39.5	4.49	57.3
	4/29/2024	5.72	<0.200	62.5	4.46	460
	5/8/2025	7.23	<0.200	12.8	4.43	252
	5/12/2026	<1.00	<0.200	24.4	3.44	192
MW-2A-97	4/6/2015	6.83	0.461	12.4	10.5	49.6
	10/5/2015	7.05	<0.100	26.6	11.8	49.4
	4/4/2016	6.15	1.07	16.8	8.36	200
	10/17/2016	6.47	1.37	23.1	8.50	39.9
	10/20/2021	5.97	0.600	3.54	5.27	81.7
	5/2/2022	7.52	<0.100	25.7	10.5	64.4
	5/1/2023	7.21	<0.200	20.9	8.66	181
	4/29/2024	6.05	0.395	0.916	7.61	98.7
	5/8/2025	7.38	<0.200	2.79	7.4	91
	5/12/2026	7.26	0.175J	1.85	4.94	154
MW-16A	4/6/2015	1.17	<0.100	<0.100	0.406	23.7
	10/5/2015	1.50	<0.100	<0.100	0.261	9.48
	4/4/2016	1.31	<0.100	<0.100	0.474	20.0
	10/17/2016	0.585 J	<0.100	<0.100	0.163	8.09
	10/20/2021	2.40	<0.100	0.0720 J	0.513	9.00
	5/2/2022	3.09	<0.100	<0.100	0.185	12.3
	5/1/2023	2.59	<0.200	0.0426 J	0.317	13.1
	4/29/2024	2.00	0.238	<0.100	0.140	18.1
	4/29/2025	2.38	0.469	<0.100	0.318	19.9
	5/12/2026	1.78	0.400	0.0643J	0.153	20.5

Table 12
CAMP - Natural Attenuation Parameters
2026 Statistical Analysis Report
City of Iowa City Sanitary Landfill
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Well ID	Date	TOC	Nitrate	Iron (Total)	Manganese (Total)	Sulfate
		mg/L	mg/L	mg/L	mg/L	mg/L
MW-18A-07	4/6/2015	1.89	0.0614J	0.184	0.0365	38
	10/5/2015	1.64	<0.1	0.725	0.105	31.3
	4/4/2016	2.05	<0.1	8.88	0.215	30.7
	10/17/2016	1.88	<0.1	0.638	0.0825	31.4
	10/20/2021	NS	NS	NS	NS	NS
	5/2/2022	NS	NS	NS	NS	NS
	5/1/2023	NS	NS	NS	NS	NS
	4/29/2024	NS	NS	NS	NS	NS
	4/29/2025	2.93	<0.200	1.39	0.0499	46
	5/12/2026	3.25	<0.200	0.235	0.0575	119
MW-206A	4/6/2015	1.56	0.106	<0.100	<0.0100	70.1
	10/5/2015	1.77	0.120	0.221	0.0153	74.4
	4/4/2016	1.72	0.124	0.0767 J	0.00697 J	82.9
	10/17/2016	0.991 J	0.128	<0.100	0.00939 J	69.8
	10/20/2021	2.07	0.700	<0.100	0.00800	81.1
	5/2/2022	2.19	1.10	<0.100	<0.00500	82.1
	5/1/2023	2.51	0.792	<0.100	<0.0100	79.6
	4/29/2024	2.41	2.10	0.0571 J	<0.0100	76.9
	4/29/2025	4.1	<0.200	<0.100	<0.0100	61.6
	5/12/2026	2.52	1.01	0.0547J	0.00203J	76.1
MW-207A	4/6/2015	10.9	<0.100	27.2	0.872	9.11
	10/5/2015	9.76	<0.100	28.6	1.04	24.1
	4/4/2016	9.54	<0.100	23.9	0.931	39.4
	10/17/2016	9.20	0.404	25.8	1.10	31.0
	10/20/2021	10.1	<0.100	31.1	1.34	<1.00
	5/2/2022	10.7	<0.100	30.8	1.28	2.70
	5/1/2023	13.2	<0.200	32.5	1.41	23.4
	4/29/2024	11.7	<0.200	27.4	1.32	39.5
	4/28/2025	10.0	<0.200	136	6.64	66.0
	5/12/2026	10.5	<0.200	29.0	1.38	45.2

Table 12
CAMP - Natural Attenuation Parameters
2026 Statistical Analysis Report
City of Iowa City Sanitary Landfill
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Well ID	Date	TOC	Nitrate	Iron (Total)	Manganese (Total)	Sulfate
		mg/L	mg/L	mg/L	mg/L	mg/L
MW-212A	4/6/2015	8.93	<0.100	82.4	19.0	208
	10/5/2015	16.2	<0.100	63.6	19.3	65.5
	4/4/2016	11.9	<0.100	75.1	15.2	266
	10/17/2016	17.7	1.13	68.8	17.6	109
	10/20/2021	25.8	<0.100	46.5	10.7	159
	5/2/2022	4.16	<0.100	20.1	3.92	789
	5/1/2023	4.34	<0.200	27.4	4.96	717
	4/29/2024	21.0	<0.200	5.92	10.1	693
	4/28/2025	11.9	<0.200	12.2	12.5	373
	5/12/2026	7.99	<0.200	16.4	7.64	731
MW-6B	4/6/2015	9.52	<0.100	63.3	20.0	<1.00
	10/5/2015	12.1	<0.100	61.2	19.5	<5.00
	4/4/2016	11.6	<0.100	64.2	21.2	<1.00
	10/17/2016	6.54	<0.100	61.3	19.7	<1.00
	10/20/2021	13.5	<0.100	35.5	12.1	81.0
	5/2/2022	13.3	<0.100	40.8	13.7	109
	5/1/2023	15.6	0.278	39.6	13.8	48.9
	4/29/2024	12.1	<0.200	25.6	13.1	111
	4/28/2025	10.0	<0.200	28.2	13.2	309
	5/12/2026	13.2	<0.200	33.9	5.75	271
MW-11B	4/6/2015	4.33	0.301	35.1	1.66	10.4
	10/5/2015	4.67	<0.100	36.7	1.81	8.78
	4/4/2016	4.81	<0.100	36.2	1.64	8.66
	10/17/2016	5.08	<0.100	36.1	1.43	11.5
	10/20/2021	5.82	<0.100	34.0	2.03	62.8
	5/2/2022	4.89	<0.100	20.4	0.929	69.6
	5/1/2023	4.44	0.228	18.2	1.19	73.6
	4/29/2024	5.44	<0.200	18.3	1.08	74.7
	4/29/2025	5.23	<0.200	20.7	1.08	67
	5/4/2026	5.10	<0.200	18.9	1.10	70.0

Table 12
CAMP - Natural Attenuation Parameters
2026 Statistical Analysis Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Well ID	Date	TOC	Nitrate	Iron (Total)	Manganese (Total)	Sulfate
		mg/L	mg/L	mg/L	mg/L	mg/L
MW-209B	4/6/2015	73.7	<0.1	56.6	4.10	<1.00
	10/5/2015	7.37	<0.1	60.1	4.66	<5.00
	4/4/2016	62.6	0.0980 J	57.6	4.77	0.542 J
	10/17/2016	24.4	0.662	50.8	3.87	<1.00
	10/20/2021	70.6	0.300	54.7	4.41	<1.00
	5/2/2022	55.4	0.100	56.1	4.13	<1.00
	5/1/2023	57.9	1.69	51.6	4.58	<1.00
	4/29/2024	21.0	1.27	60.3	4.88	<1.00
	4/28/2025	19.1	0.759	60.1	4.45	11.6
	5/12/2026	<1.00	0.220	63.3	5.54	<1.00
MW-211B	4/6/2015	2.66	<0.100	0.125	2.05	33.5
	10/5/2015	2.22	<0.100	0.0703	2.80	29.6
	4/4/2016	2.16	0.0969 J	<0.100	3.33	31.7
	10/17/2016	2.72	<0.100	0.120	3.55	28.5
	10/20/2021	NS	NS	NS	NS	NS
	5/2/2022	9.97	0.400	22.1	13.1	21.5
	5/1/2023	20.8	<0.200	70.8	11.8	4.44
	4/29/2024	8.86	<0.200	36.3	10.2	18.5
	4/28/2025	7.34	<0.200	207	43.4	22.2
	5/12/2026	6.16	<0.200	38.4	10.0	14.6

NOTES:

NS - Not Sampled

J - Laboratory qualifier indicating result is less than the reporting limit but greater than or equal to the method detection limit. The concentration is an approximate value.

Table 13
RPD Summary
2026 Spring Statistical Report
City of Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Spring 2026 Semiannual Sampling Event							
Constituent	**Units**	**MW-18A-07**	**DUP-1**	**RPD**	**MW-211B**	**DUP-2**	**RPD**
1,1-Dichloroethane	µg/L	297	285	4.1%	<1.00	<1.00	N/A
1,1-Dichloroethene	µg/L	1.33J	1.11J	N/A	<2.00	<2.00	N/A
1,2-Dichloropropane	µg/L	<1.00	0.756J	N/A	<1.00	<1.00	N/A
2-Butanone (MEK)	µg/L	<10.0	10.4	N/A	<10.0	<10.0	N/A
Arsenic	mg/L	0.000944J	0.00102	N/A	0.0287	0.0286	0.3%
Barium	mg/L	0.672	0.686	2.1%	0.564	0.558	1.1%
Benzene	µg/L	1.94	2.02	4.0%	<0.500	<0.500	N/A
Chloroethane	µg/L	7.02	6.45	8.5%	<4.00	<4.00	N/A
cis-1,2-Dichloroethene	µg/L	193	185	4.2%	<1.00	<1.00	N/A
Cobalt	mg/L	0.00117	0.00118	0.9%	0.0488	0.0481	1.4%
Copper	mg/L	0.00111J	0.000933J	N/A	<0.00200	0.000535J	N/A
Nickel	mg/L	0.00319	0.00300	6.1%	0.0394	0.0386	2.1%
Tetrachloroethene	µg/L	23.2	21.4	8.1%	<1.00	<1.00	N/A
Total Suspended Solids	mg/L	2.38	2.25	5.6%	54.0	52.0	3.8%
trans-1,2-Dichloroethene	µg/L	0.944J	1.17	N/A	<1.00	<1.00	N/A
Trichloroethene	µg/L	23.3	21.9	6.2%	<1.00	<1.00	N/A
Trichlorofluoromethane	µg/L	1.16J	1.06J	N/A	<4.00	<4.00	N/A
Vanadium	mg/L	0.000213J	0.000215J	N/A	0.000767	0.000714	7.2%
Vinyl chloride	µg/L	9.42	8.97	4.89%	<1.00	<1.00	N/A
Zinc	mg/L	<0.0200	<0.0200	N/A	0.00734J	0.00818J	N/A

Notes:

J - A laboratory flag for a constituent detected between the method detection limit (MDL) and the laboratory's reporting limit (RL). The concentrations are estimated values and are not considered statistically significant.

mg/L - milligrams per liter

µg/L - micrograms per liter

N/A - Not Applicable

RPD - Relative Percent Difference

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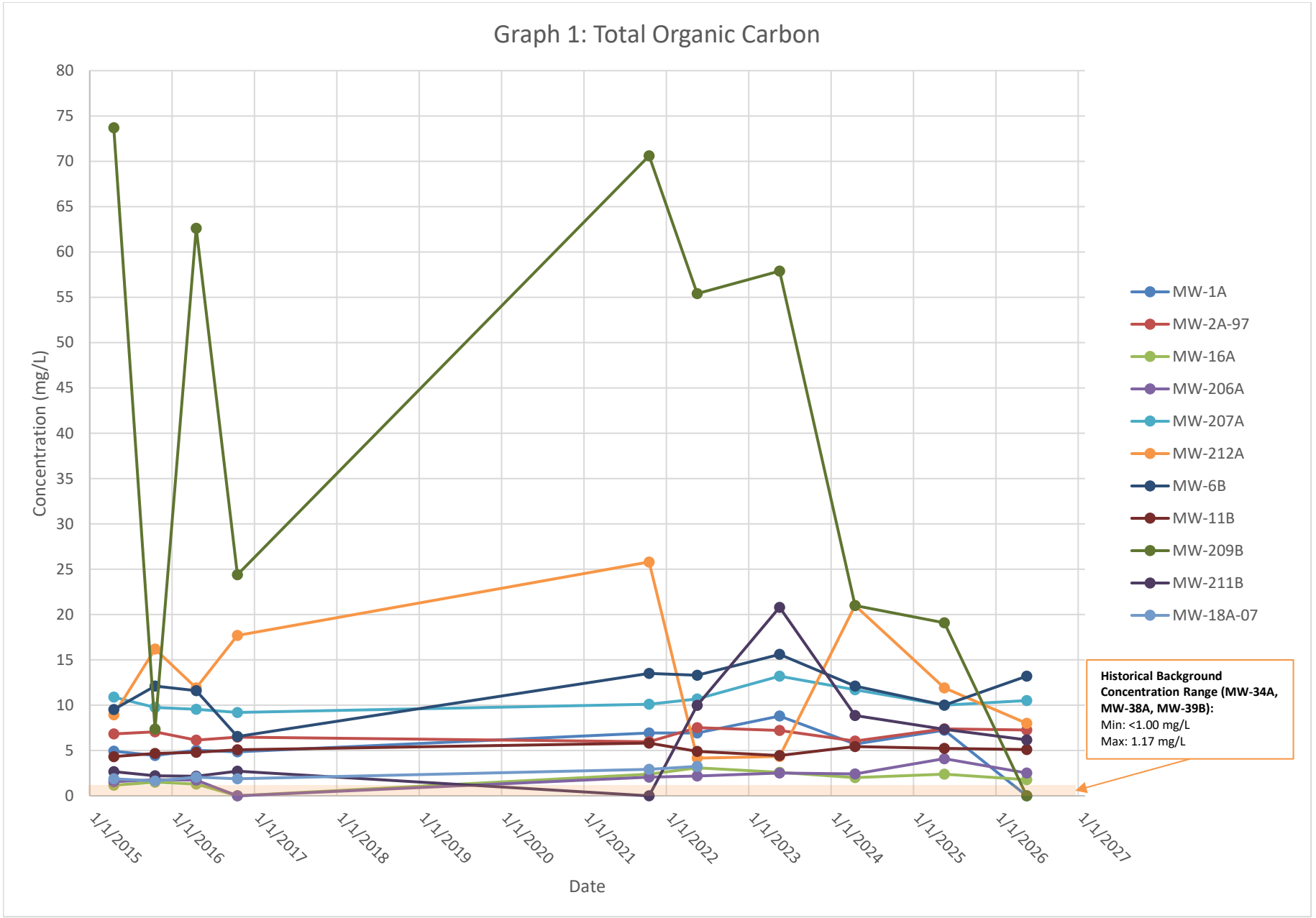
Graph 1: Total Organic Carbon
Concentration (mg/L)
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026
1/1/2027
Date
MW-1A
MW-2A-97
MW-16A
MW-206A
MW-207A
MW-212A
MW-6B
MW-11B
MW-209B
MW-211B
MW-18A-07
Historical Background Concentration Range (MW-34A, MW-38A, MW-39B):
Min: <1.00 mg/L
Max: 1.17 mg/L

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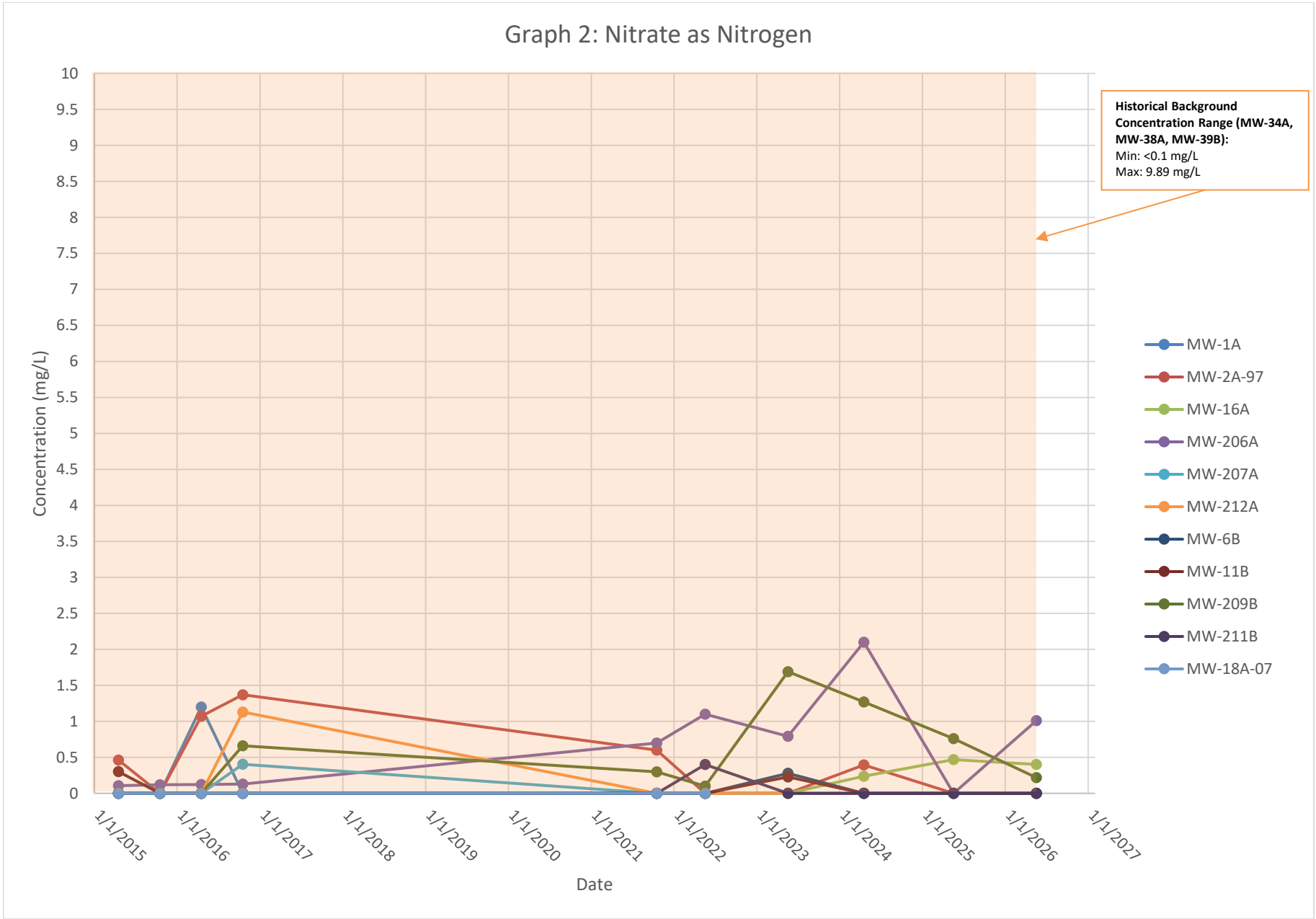
Graph 2: Nitrate as Nitrogen
Historical Background Concentration Range (MW-34A, MW-38A, MW-39B):
Min: <0.1 mg/L
Max: 9.89 mg/L
Concentration (mg/L)
Date
10
9.5
9
8.5
8
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026
1/1/2027
MW-1A
MW-2A-97
MW-16A
MW-206A
MW-207A
MW-212A
MW-6B
MW-11B
MW-209B
MW-211B
MW-18A-07

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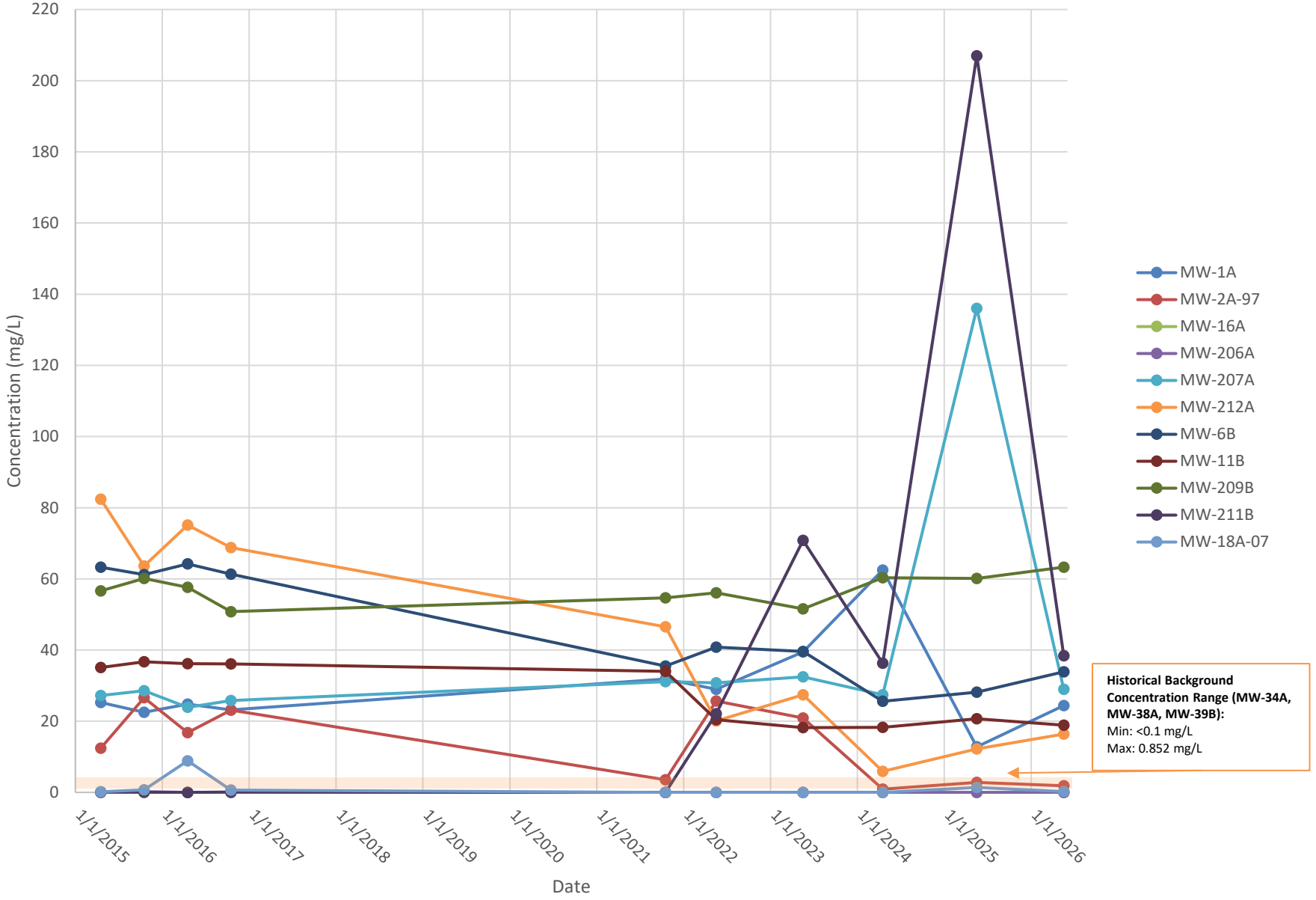
Graph 3: Iron (Total)



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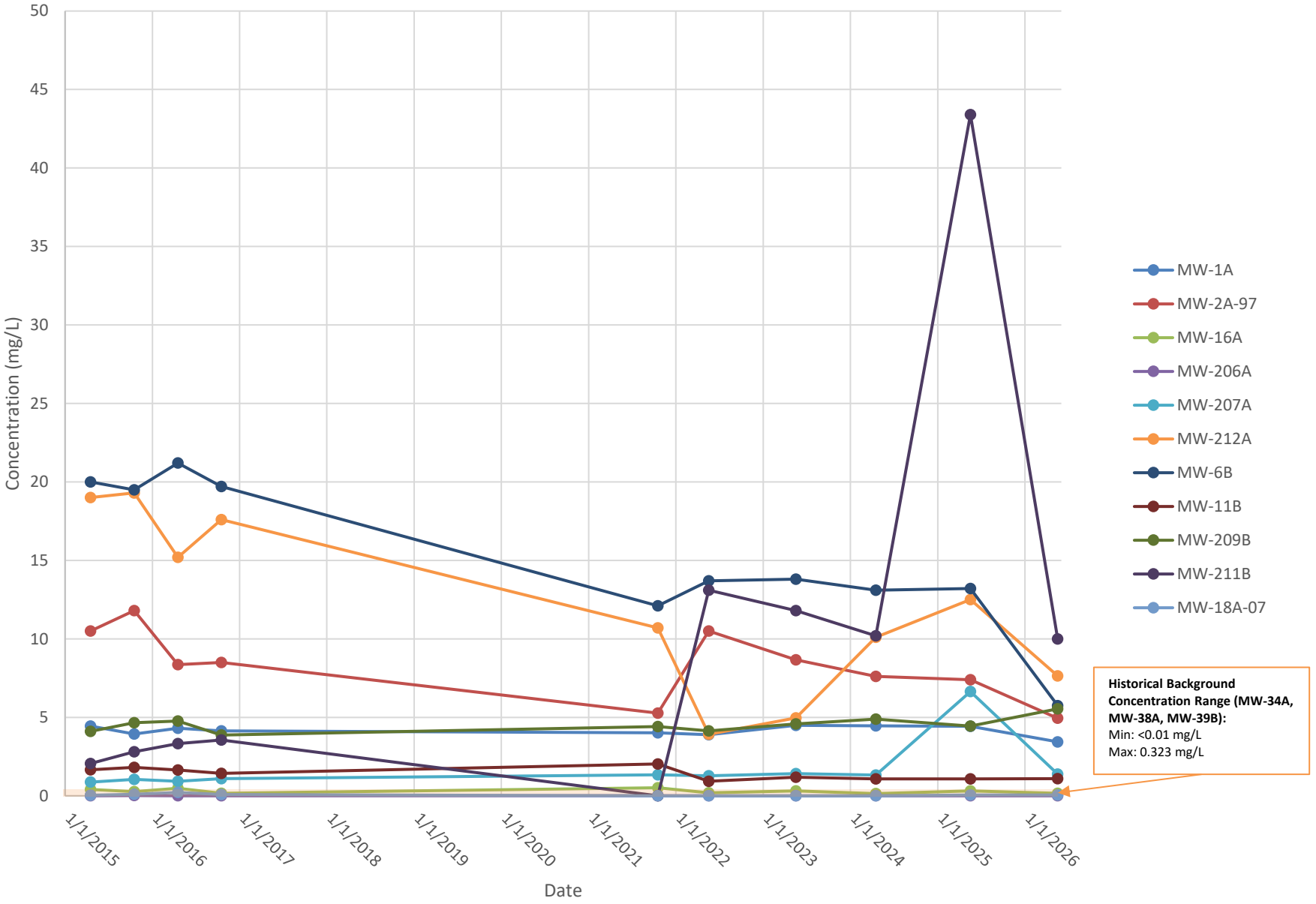
Graph 4: Manganese (Total)



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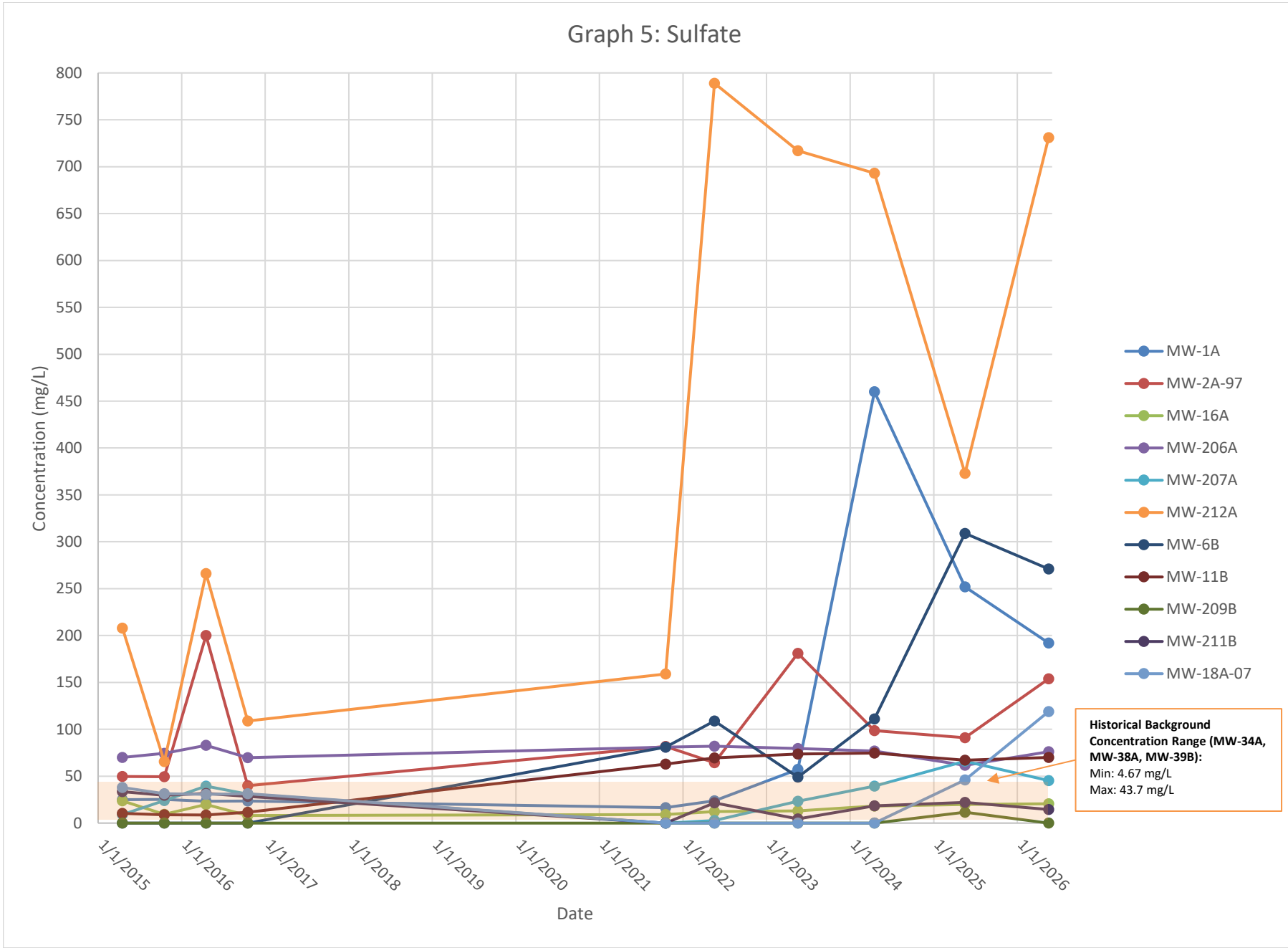
Graph 5: Sulfate
Concentration (mg/L)
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
1/1/2015
1/1/2016
1/1/2017
1/1/2018
1/1/2019
1/1/2020
1/1/2021
1/1/2022
1/1/2023
1/1/2024
1/1/2025
1/1/2026
Date
MW-1A
MW-2A-97
MW-16A
MW-206A
MW-207A
MW-212A
MW-6B
MW-11B
MW-209B
MW-211B
MW-18A-07
Historical Background Concentration Range (MW-34A, MW-38A, MW-39B):
Min: 4.67 mg/L
Max: 43.7 mg/L

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Appendix A

Spring 2026
Statistical Analysis

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Statistical Analysis: Underdrains

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Groundwater Underdrain –

Outliers Analysis

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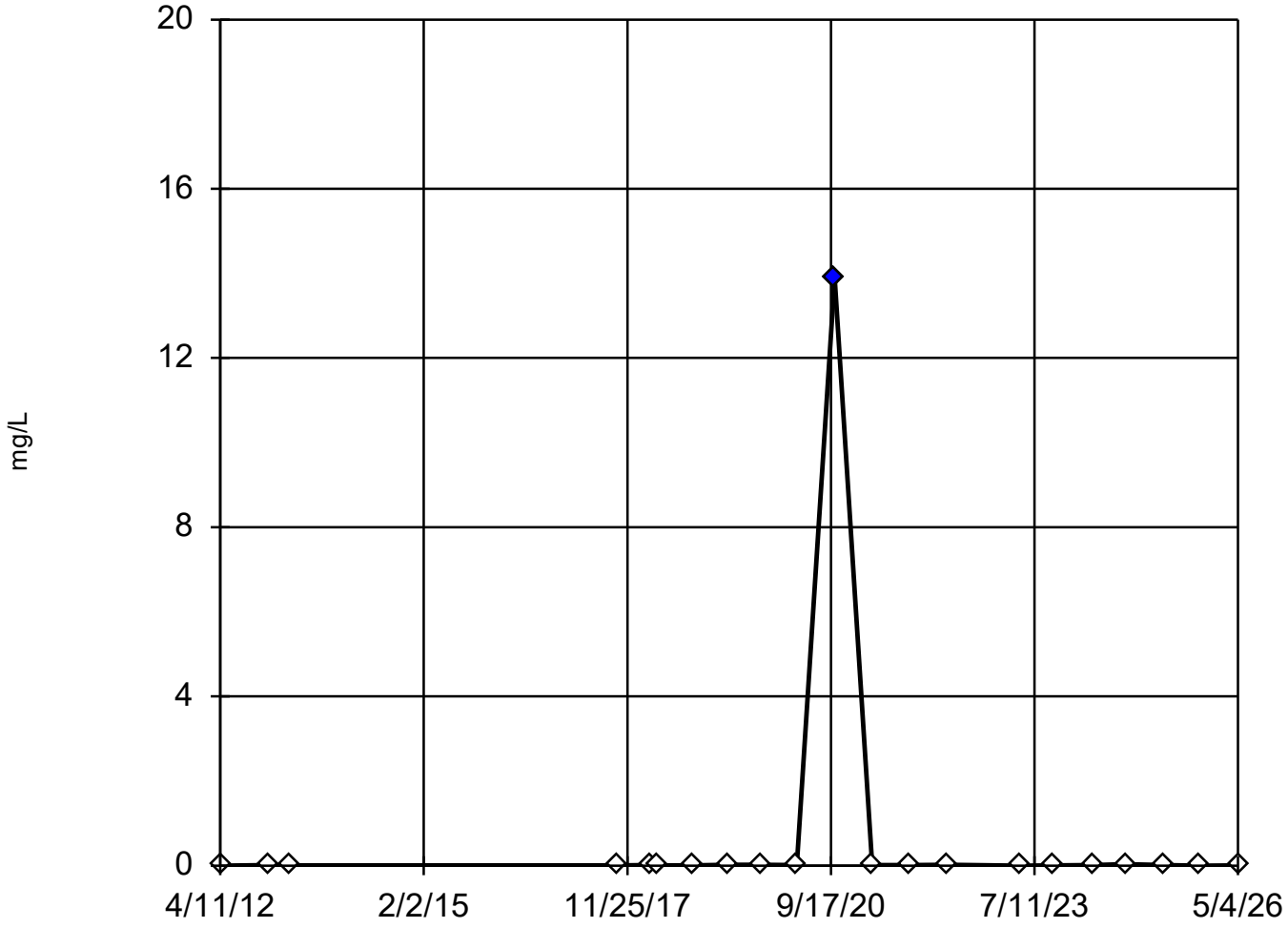
Dixon's Outlier Test

WT-3



n = 21

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.6726.
Std. Dev. = 3.031.
13.9 (o): c = 0.9986
tabl = 0.44.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9226
Critical = 0.92
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Arsenic Analysis Run 6/29/2026 5:22 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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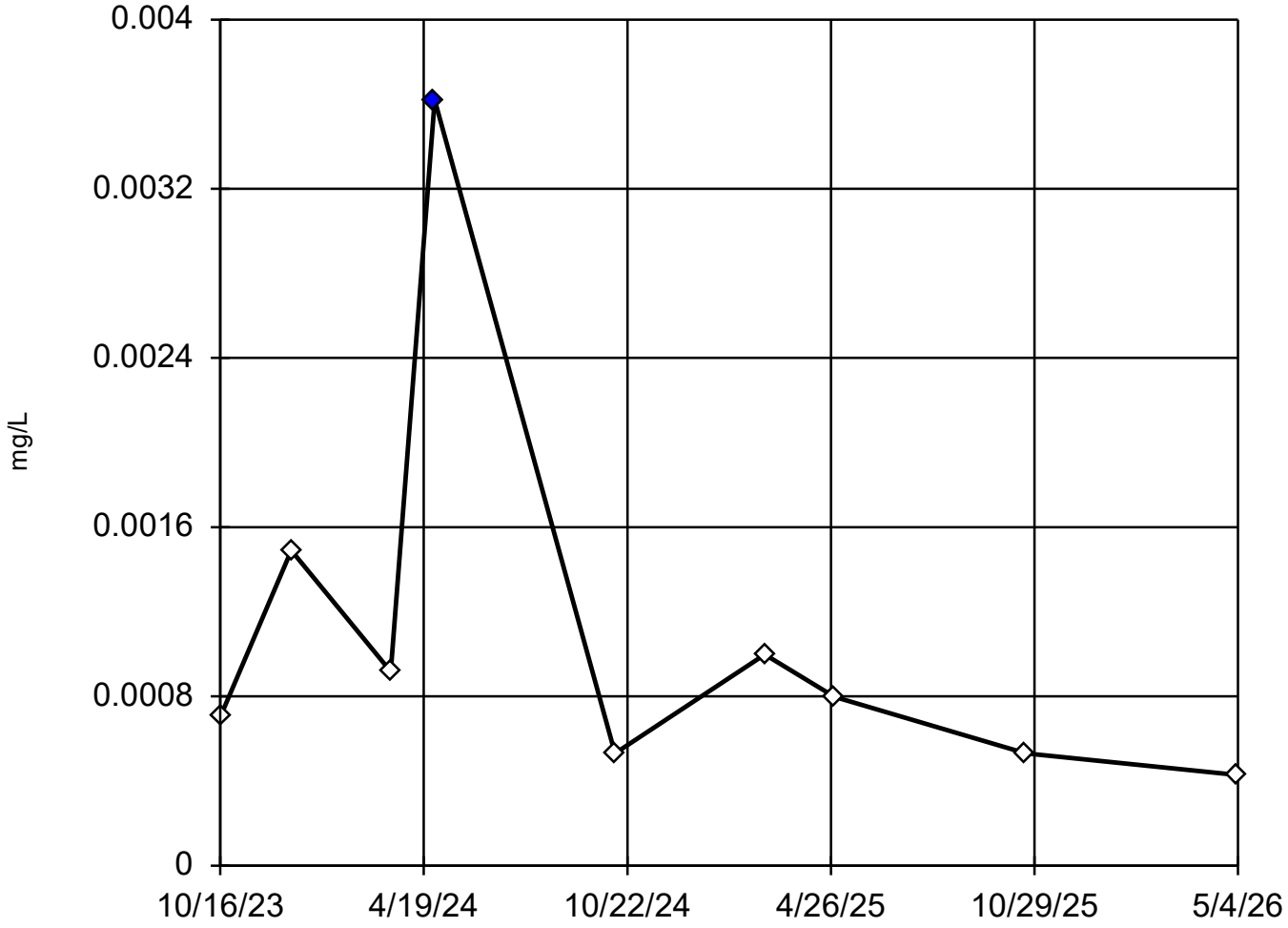
Dixon's Outlier Test

WT-OF



n = 9

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.001113.
Std. Dev. = 0.0009935.
0.00362: c = 0.6893
tabl = 0.512.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9065
Critical = 0.851
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Arsenic Analysis Run 6/29/2026 5:22 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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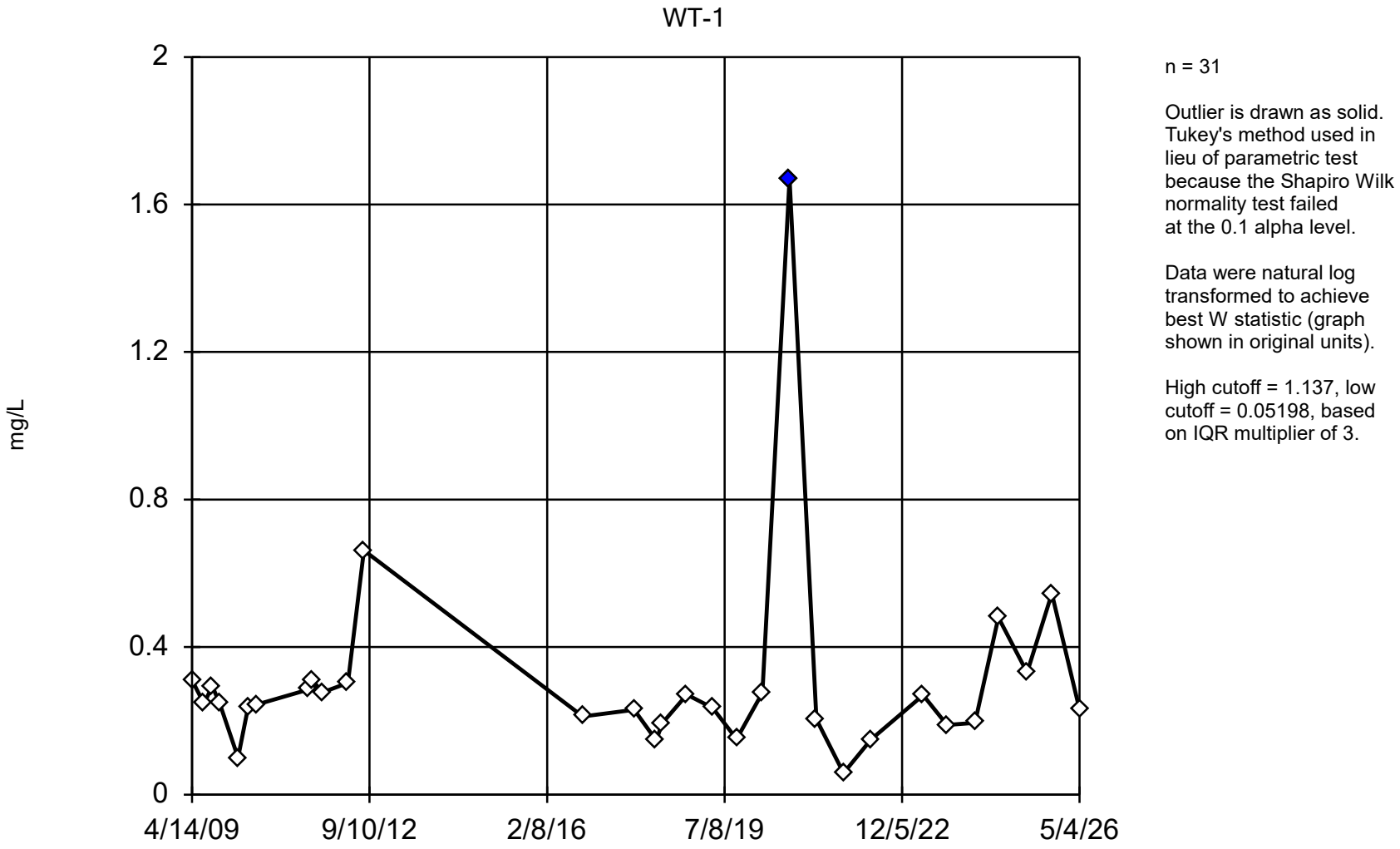
Tukey's Outlier Screening



n = 31

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.137, low cutoff = 0.05198, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 6/29/2026 5:22 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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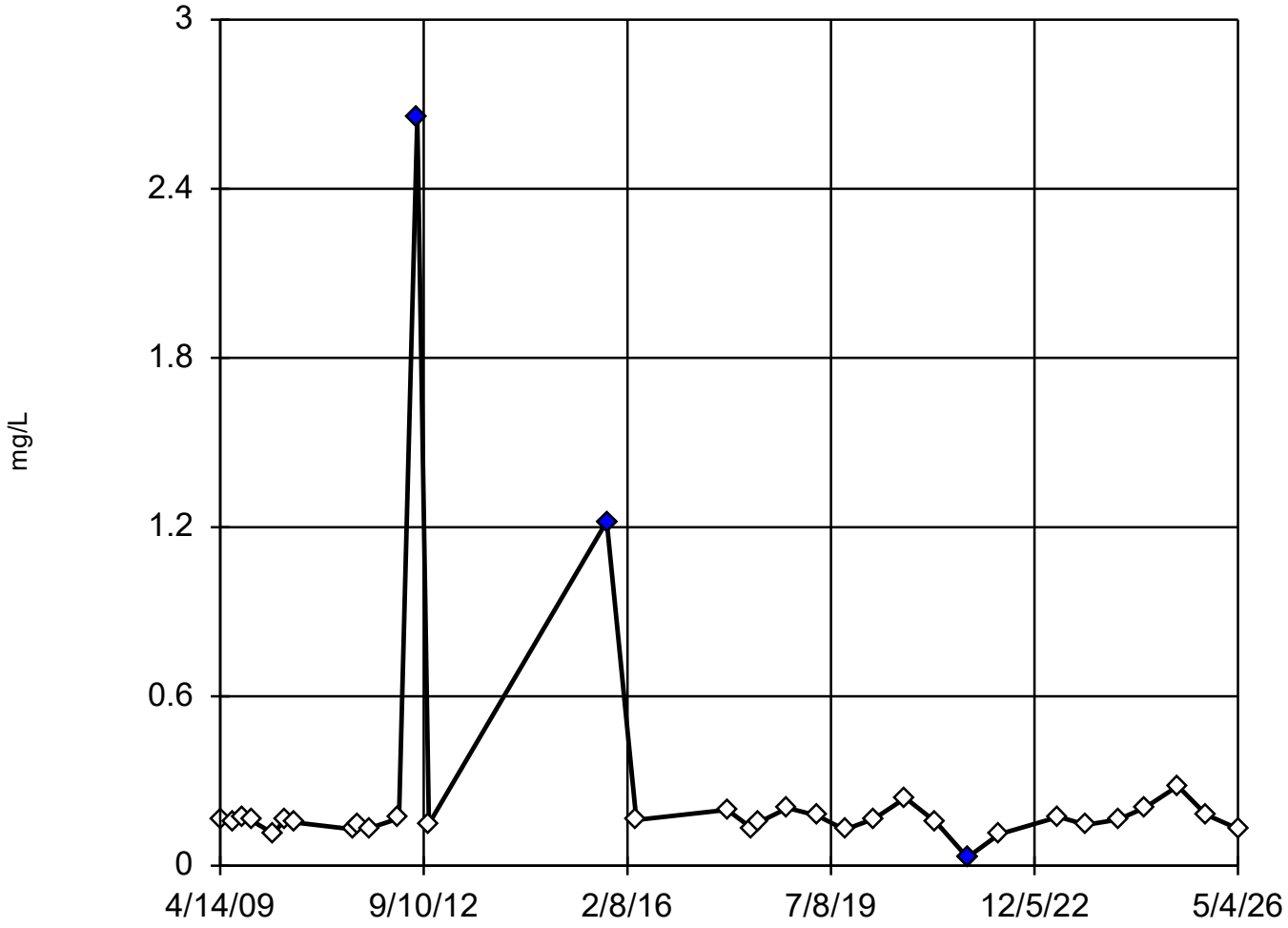
Rosner's Outlier Test

WT-2



n = 33

Statistical outliers are drawn as solid.
2 values manually flagged as outliers.

k = 4
r = 4.535
Tabulated value = 3.044
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9553
Critical = 0.939 (after natural log transformation)
The distribution, after removal of suspect values, was found to be log-normal.

Constituent: Barium Analysis Run 6/29/2026 5:22 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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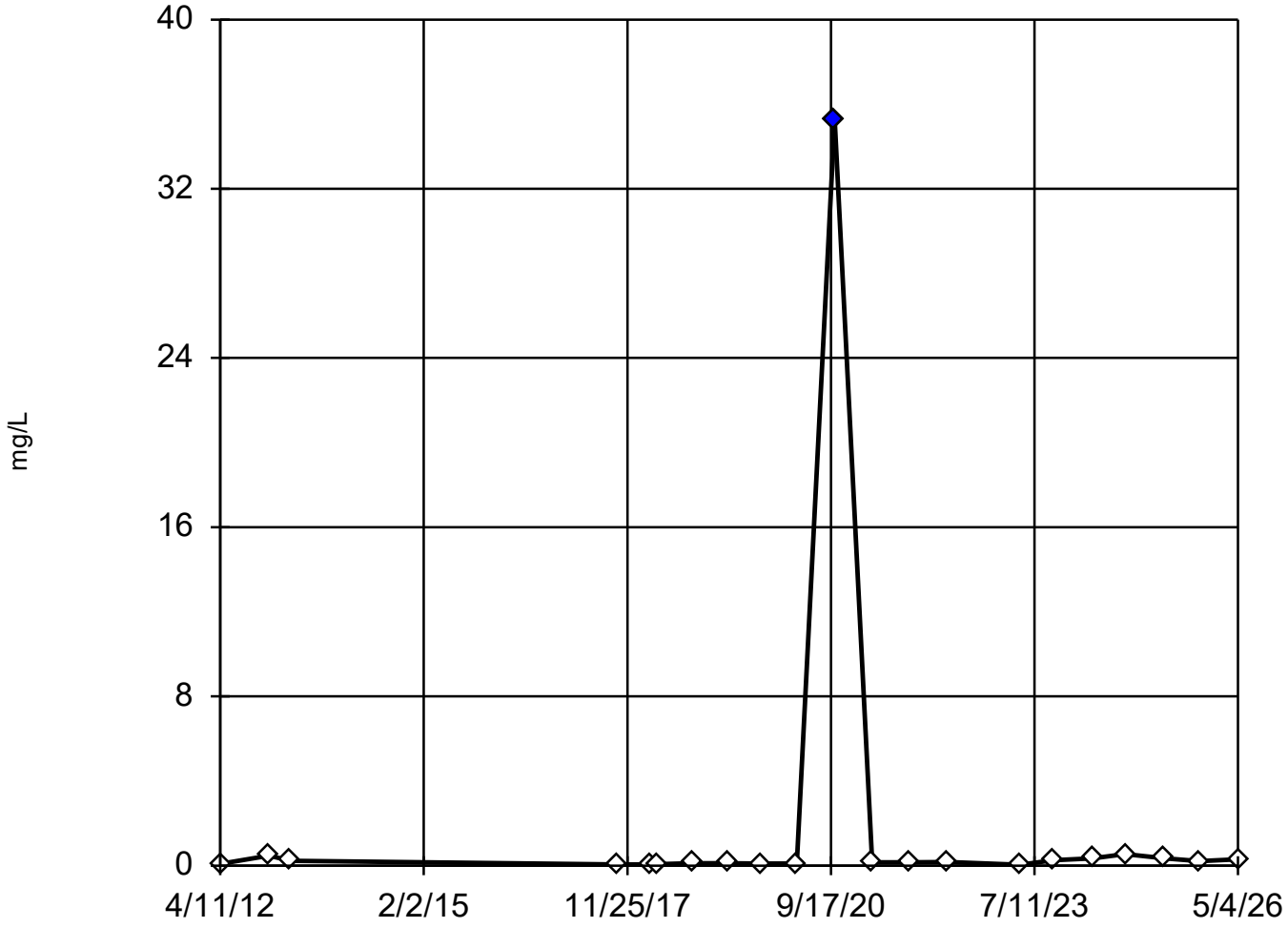
Dixon's Outlier Test

WT-3



n = 21

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 1.867.
Std. Dev. = 7.662.
35.3 (o): c = 0.6795
tabl = 0.44.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9797
Critical = 0.92 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Barium Analysis Run 6/29/2026 5:22 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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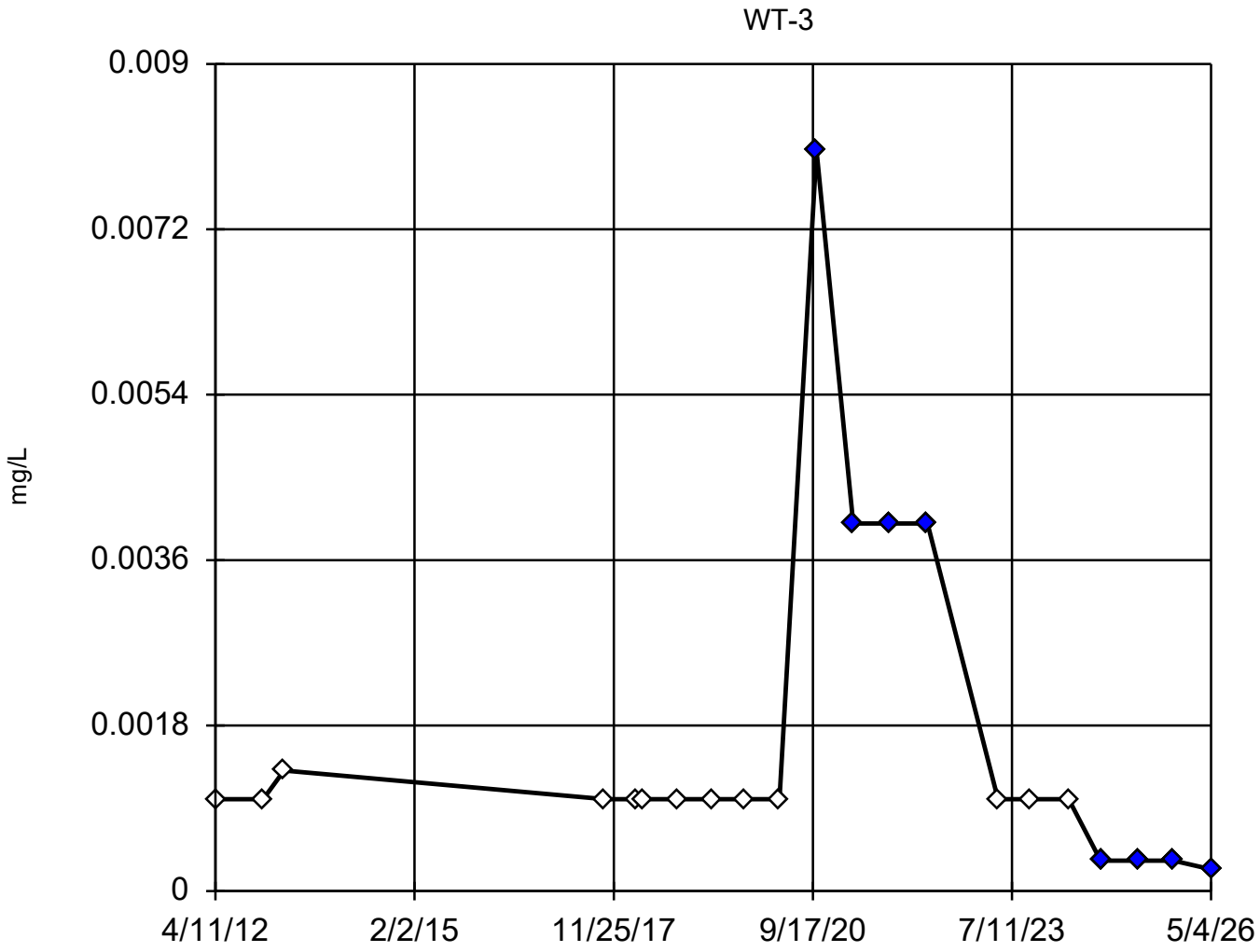
Tukey's Outlier Screening



n = 21

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001716, low cutoff = 0.0006669, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 6/29/2026 5:22 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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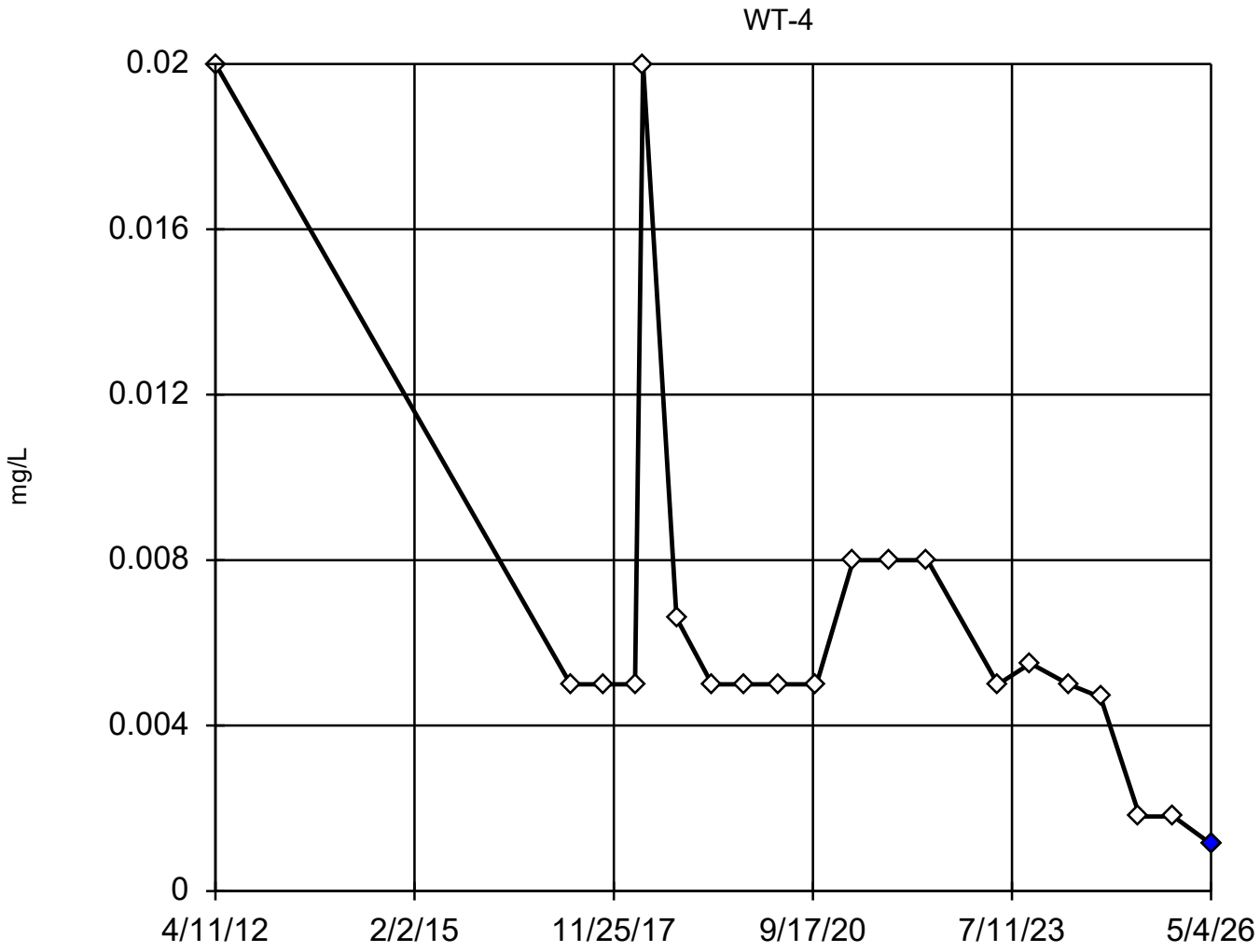
Tukey's Outlier Screening



n = 20

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0223, low cutoff = 0.001629, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 6/29/2026 5:22 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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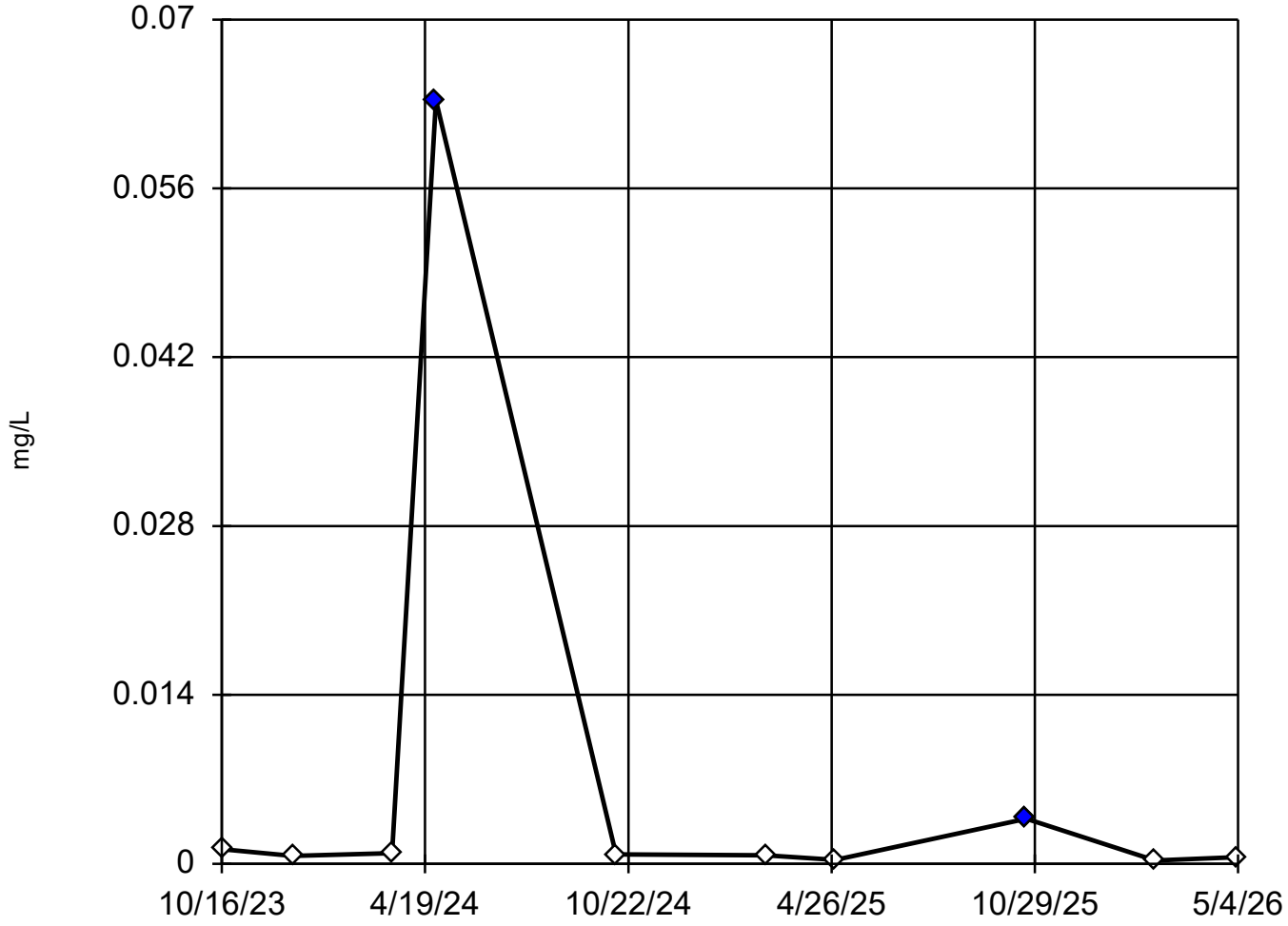
Dixon's Outlier Test

WT-OF



n = 10

Statistical outliers are drawn as solid.
1 value manually flagged as an outlier.
Testing for 2 high outliers.
Mean = 0.007238.
Std. Dev. = 0.01972.
0.00372: c = 0.742
tabl = 0.477.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.962
Critical = 0.851
The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Cobalt Analysis Run 6/29/2026 5:23 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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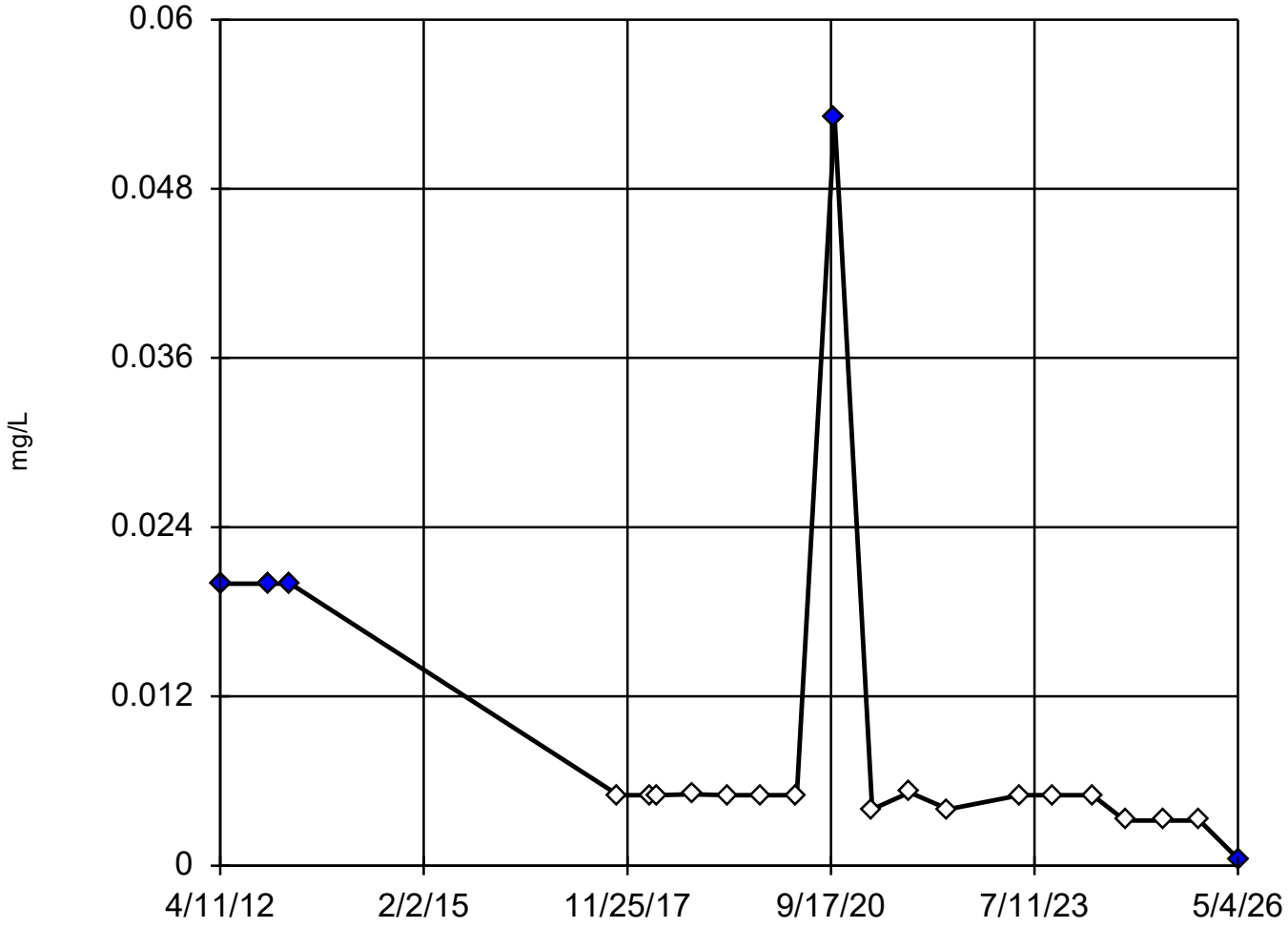
Tukey's Outlier Screening

WT-3



n = 21

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

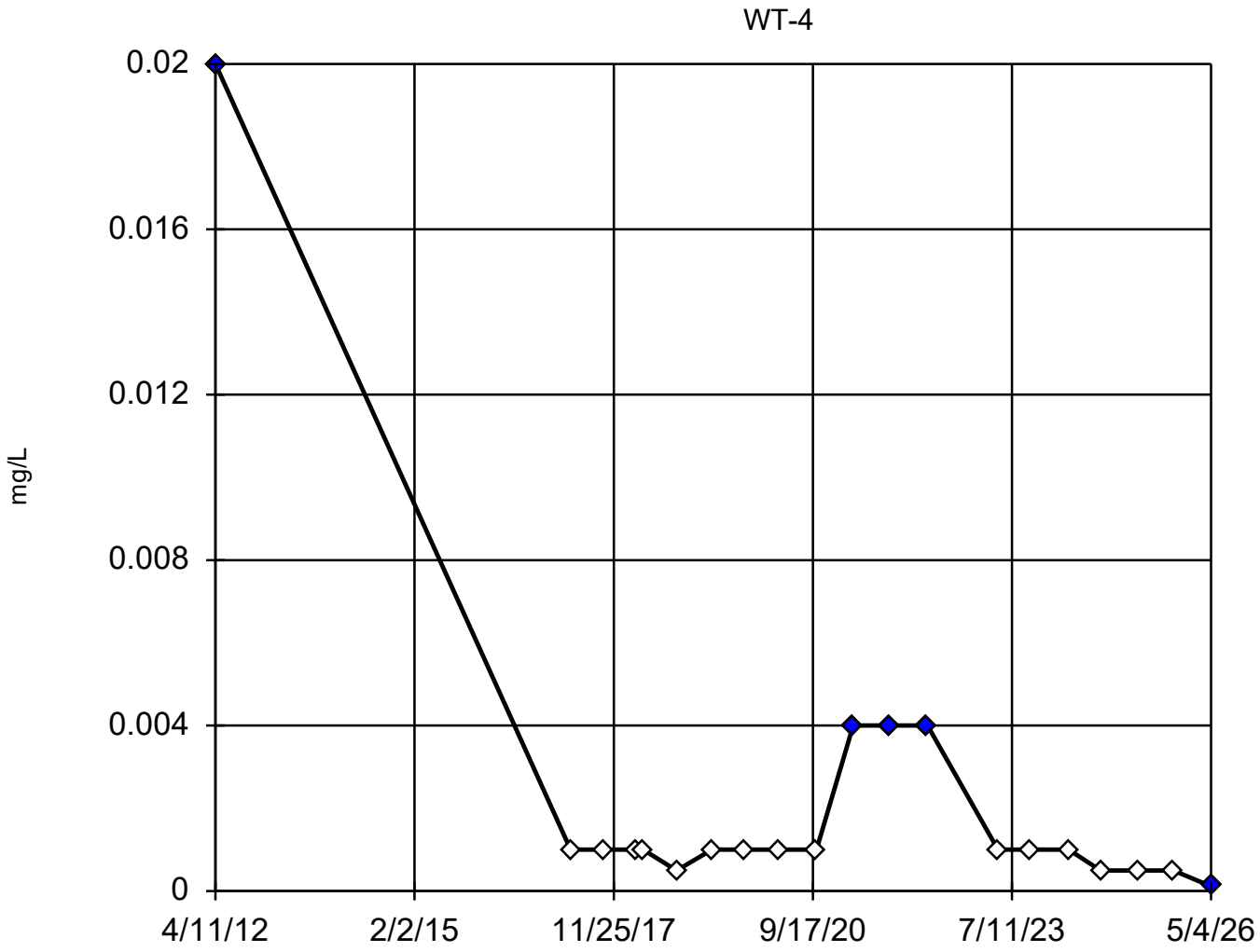
High cutoff = 0.01077, low cutoff = 0.001902, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 6/29/2026 5:23 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 20

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.002828, low cutoff = 0.00025, based on IQR multiplier of 3.

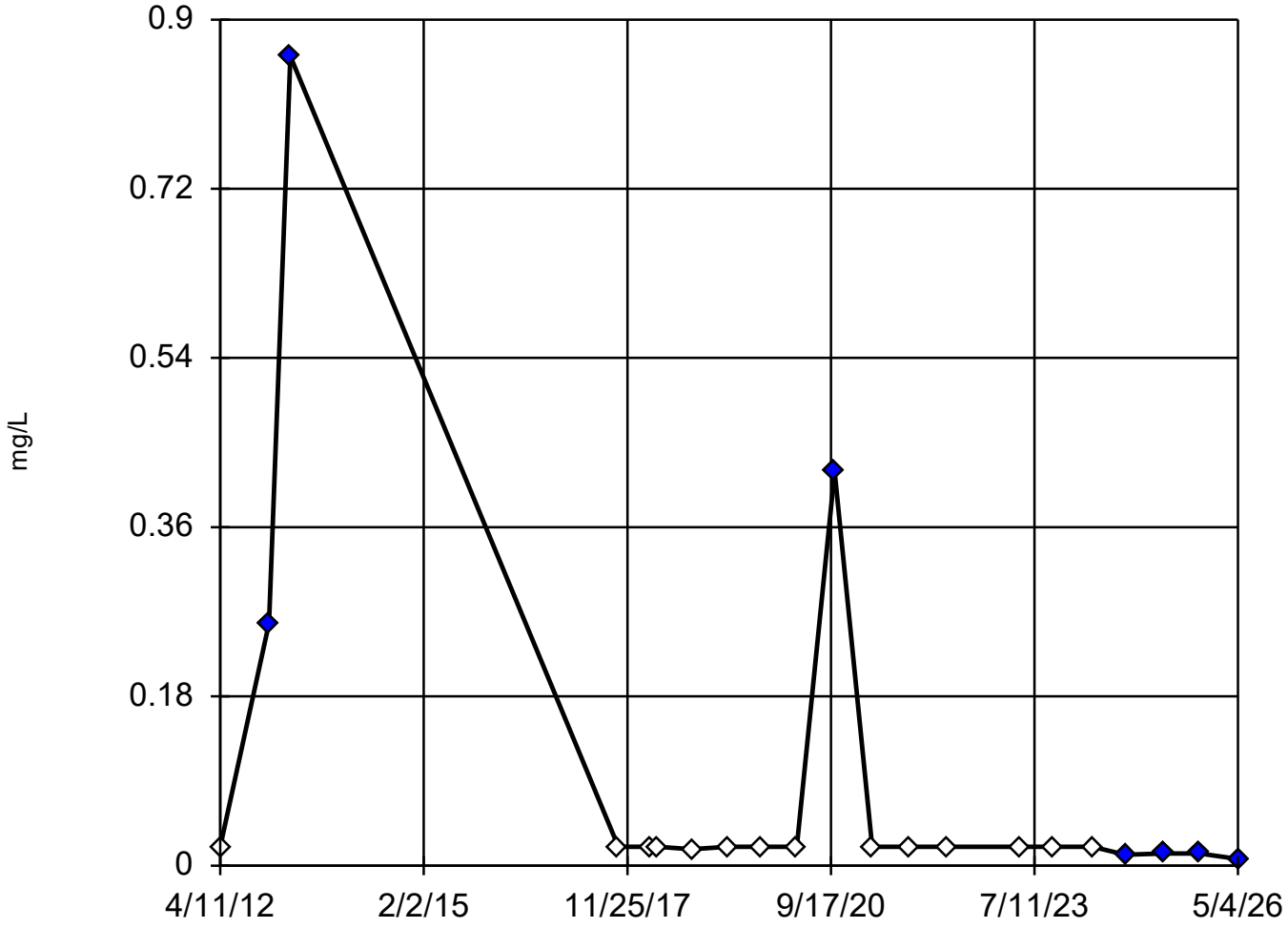
Constituent: Silver Analysis Run 6/29/2026 5:23 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

WT-3



n = 21

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02465, low cutoff = 0.01514, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 6/29/2026 5:23 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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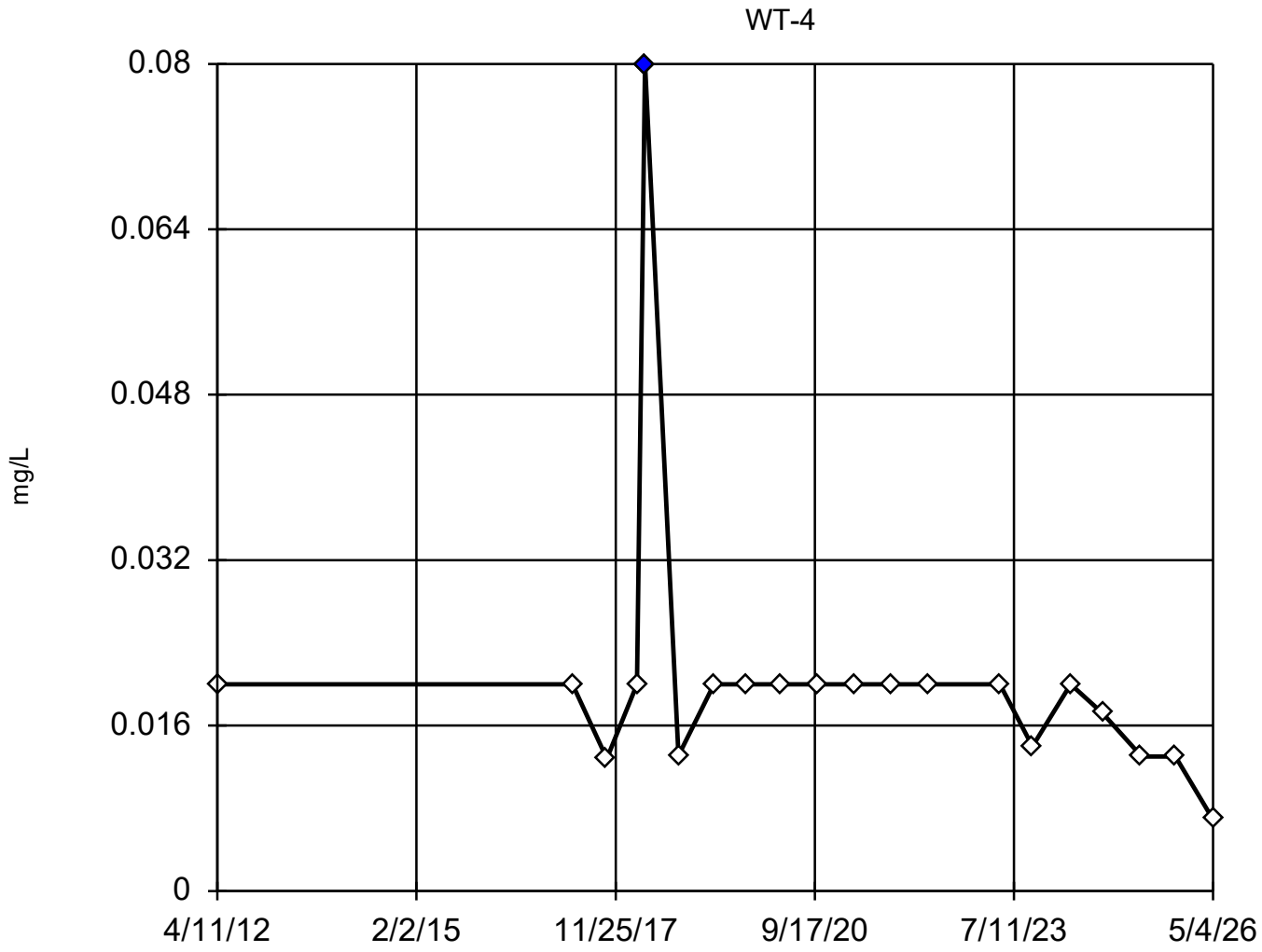
Tukey's Outlier Screening



n = 20

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06442, low cutoff = 0.004204, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 6/29/2026 5:23 PM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/29/2026, 5:25 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Antimony (mg/L)	ST-1	n/a	n/a	n/a	NP (nrm)	NaN	5	0.0052	0.001789	unknown	ShapiroWilk
Antimony (mg/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.002939	0.002265	unknown	ShapiroWilk
Antimony (mg/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	32	0.003542	0.003766	unknown	ShapiroWilk
Antimony (mg/L)	WT-3	No	n/a	n/a	NP (nrm)	NaN	21	0.00296	0.004277	unknown	ShapiroWilk
Antimony (mg/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	20	0.00161	0.001216	unknown	ShapiroWilk
Antimony (mg/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	9	0.001437	0.0005345	unknown	ShapiroWilk
Arsenic (mg/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	6	0.00135	0.0006442	unknown	ShapiroWilk
Arsenic (mg/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	31	0.00364	0.002893	unknown	ShapiroWilk
Arsenic (mg/L)	WT-2	No	n/a	n/a	EPA 1989	0.05	33	0.009629	0.01546	ln(x)	ShapiroWilk
Arsenic (mg/L)	**WT-3**	**Yes**	**13.9**	**10/7/2020**	**Dixon`s**	**0.05**	**21**	**0.6726**	**3.031**	**normal**	**ShapiroWilk**
Arsenic (mg/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	20	0.001787	0.001029	unknown	ShapiroWilk
Arsenic (mg/L)	**WT-OF**	**Yes**	**0.00362**	**4/29/2024**	**Dixon`s**	**0.05**	**9**	**0.001113**	**0.0009935**	**normal**	**ShapiroWilk**
Barium (mg/L)	ST-1	No	n/a	n/a	EPA 1989	0.05	6	0.1412	0.02809	normal	ShapiroWilk
Barium (mg/L)	**WT-1**	**Yes**	**1.67**	**10/7/2020**	**NP (nrm)**	**NaN**	**31**	**0.3081**	**0.2798**	**unknown**	**ShapiroWilk**
Barium (mg/L)	**WT-2**	**Yes**	**2.65,1....**	**8/1/2012,...**	**Rosner`s**	**0.01**	**33**	**0.2667**	**0.4678**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	**WT-3**	**Yes**	**35.3**	**10/7/2020**	**Dixon`s**	**0.05**	**21**	**1.867**	**7.662**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	20	0.05785	0.04484	unknown	ShapiroWilk
Barium (mg/L)	WT-OF	No	n/a	n/a	EPA 1989	0.05	9	0.1113	0.02305	normal	ShapiroWilk
Beryllium (mg/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	0.00088	0.0002683	unknown	ShapiroWilk
Beryllium (mg/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.0012	0.0009781	unknown	ShapiroWilk
Beryllium (mg/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001166	0.0009568	unknown	ShapiroWilk
Beryllium (mg/L)	**WT-3**	**Yes**	**0.00806...**	**10/7/2020...**	**NP (nrm)**	**NaN**	**21**	**0.001647**	**0.001872**	**unknown**	**ShapiroWilk**
Beryllium (mg/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	20	0.001461	0.001331	unknown	ShapiroWilk
Beryllium (mg/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	9	0.000...	0.0003642	unknown	ShapiroWilk
Cadmium (mg/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	0.00168	0.001123	unknown	ShapiroWilk
Cadmium (mg/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	0.000861	0.0009438	unknown	ShapiroWilk
Cadmium (mg/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	32	0.000...	0.0009168	unknown	ShapiroWilk
Cadmium (mg/L)	WT-3	No	n/a	n/a	NP (nrm)	NaN	21	0.000...	0.0003495	unknown	ShapiroWilk
Cadmium (mg/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	20	0.000...	0.0002297	unknown	ShapiroWilk
Cadmium (mg/L)	WT-OF	No	n/a	n/a	EPA 1989	0.05	9	0.000...	0.00005747	normal	ShapiroWilk
Chromium (mg/L)	ST-1	n/a	n/a	n/a	NP (nrm)	NaN	5	0.068	0.04382	unknown	ShapiroWilk
Chromium (mg/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	0.02988	0.03973	unknown	ShapiroWilk
Chromium (mg/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	32	0.02872	0.03876	unknown	ShapiroWilk
Chromium (mg/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	21	0.009034	0.00997	unknown	ShapiroWilk
Chromium (mg/L)	**WT-4**	**Yes**	**0.00114**	**5/4/2026**	**NP (nrm)**	**NaN**	**20**	**0.006526**	**0.004967**	**unknown**	**ShapiroWilk**
Chromium (mg/L)	WT-OF	No	n/a	n/a	NP (nrm)	NaN	9	0.0032	0.001776	unknown	ShapiroWilk
Cobalt (mg/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	6	0.01136	0.009493	unknown	ShapiroWilk
Cobalt (mg/L)	WT-1	No	n/a	n/a	EPA 1989	0.05	31	0.01418	0.03648	ln(x)	ShapiroWilk
Cobalt (mg/L)	WT-2	No	n/a	n/a	EPA 1989	0.05	33	0.008386	0.01106	ln(x)	ShapiroWilk
Cobalt (mg/L)	WT-3	No	n/a	n/a	EPA 1989	0.05	21	0.008556	0.01657	ln(x)	ShapiroWilk
Cobalt (mg/L)	WT-4	No	n/a	n/a	EPA 1989	0.05	21	0.002127	0.004296	ln(x)	ShapiroWilk
Cobalt (mg/L)	**WT-OF**	**Yes**	**0.00372...**	**10/22/202...**	**Dixon`s**	**0.05**	**10**	**0.007238**	**0.01972**	**normal**	**ShapiroWilk**
Copper (mg/L)	ST-1	n/a	n/a	n/a	NP (nrm)	NaN	5	0.023	0.002739	unknown	ShapiroWilk
Copper (mg/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	0.0117	0.009225	unknown	ShapiroWilk
Copper (mg/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	32	0.01183	0.009302	unknown	ShapiroWilk
Copper (mg/L)	**WT-3**	**Yes**	**0.02,0....**	**4/11/2012...**	**NP (nrm)**	**NaN**	**21**	**0.008874**	**0.01161**	**unknown**	**ShapiroWilk**
Copper (mg/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	20	0.005877	0.004945	unknown	ShapiroWilk
Copper (mg/L)	WT-OF	No	n/a	n/a	Dixon`s	0.05	9	0.004294	0.002603	ln(x)	ShapiroWilk
Lead (mg/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	6	0.0046	0.0006325	unknown	ShapiroWilk
Lead (mg/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	0.002949	0.00233	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/29/2026, 5:25 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Lead (mg/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	32	0.002831	0.00269	unknown	ShapiroWilk
Lead (mg/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	21	0.003843	0.007568	unknown	ShapiroWilk
Lead (mg/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	20	0.001442	0.001508	unknown	ShapiroWilk
Lead (mg/L)	WT-OF	No	n/a	n/a	NP (nrm)	NaN	9	0.000...	0.000383	unknown	ShapiroWilk
Nickel (mg/L)	ST-1	n/a	n/a	n/a	NP (nrm)	NaN	5	0.026	0.02191	unknown	ShapiroWilk
Nickel (mg/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	0.01804	0.02587	unknown	ShapiroWilk
Nickel (mg/L)	WT-2	No	n/a	n/a	NP (nrm)	NaN	32	0.01787	0.02233	unknown	ShapiroWilk
Nickel (mg/L)	WT-3	No	n/a	n/a	NP (nrm)	NaN	21	0.02133	0.04676	unknown	ShapiroWilk
Nickel (mg/L)	WT-4	No	n/a	n/a	EPA 1989	0.05	20	0.01212	0.009301	ln(x)	ShapiroWilk
Nickel (mg/L)	WT-OF	No	n/a	n/a	EPA 1989	0.05	9	0.01507	0.01423	ln(x)	ShapiroWilk
Selenium (mg/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	6	0.007983	0.003194	unknown	ShapiroWilk
Selenium (mg/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	31	0.005263	0.003148	unknown	ShapiroWilk
Selenium (mg/L)	WT-2	No	n/a	n/a	NP (nrm)	NaN	33	0.005428	0.002923	unknown	ShapiroWilk
Selenium (mg/L)	WT-3	No	n/a	n/a	NP (nrm)	NaN	21	0.005111	0.006153	unknown	ShapiroWilk
Selenium (mg/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	20	0.003611	0.001632	unknown	ShapiroWilk
Selenium (mg/L)	WT-OF	No	n/a	n/a	EPA 1989	0.05	9	0.004331	0.005103	ln(x)	ShapiroWilk
Silver (mg/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	0.02	0.006124	unknown	ShapiroWilk
Silver (mg/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.007824	0.009511	unknown	ShapiroWilk
Silver (mg/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	32	0.008004	0.009523	unknown	ShapiroWilk
Silver (mg/L)	WT-3	No	n/a	n/a	NP (nrm)	NaN	21	0.00491	0.007588	unknown	ShapiroWilk
Silver (mg/L)	**WT-4**	**Yes**	**0.02,0....**	**4/11/2012...**	**NP (nrm)**	**NaN**	**20**	**0.002256**	**0.004342**	**unknown**	**ShapiroWilk**
Silver (mg/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	9	0.000...	0.0003276	unknown	ShapiroWilk
Thallium (mg/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	0.00168	0.0007155	unknown	ShapiroWilk
Thallium (mg/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001319	0.0006449	unknown	ShapiroWilk
Thallium (mg/L)	WT-2	No	n/a	n/a	NP (nrm)	NaN	32	0.001301	0.0007101	unknown	ShapiroWilk
Thallium (mg/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	21	0.002141	0.004134	unknown	ShapiroWilk
Thallium (mg/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	20	0.001148	0.0005463	unknown	ShapiroWilk
Thallium (mg/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	9	0.000...	0.0002783	unknown	ShapiroWilk
Vanadium (mg/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	0.05	0	unknown	ShapiroWilk
Vanadium (mg/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.02405	0.02112	unknown	ShapiroWilk
Vanadium (mg/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	32	0.02391	0.02157	unknown	ShapiroWilk
Vanadium (mg/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	21	0.01936	0.02972	unknown	ShapiroWilk
Vanadium (mg/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	20	0.01033	0.01154	unknown	ShapiroWilk
Vanadium (mg/L)	WT-OF	No	n/a	n/a	NP (nrm)	NaN	9	0.003111	0.00198	unknown	ShapiroWilk
Zinc (mg/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	6	0.0809	0.03089	unknown	ShapiroWilk
Zinc (mg/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	31	0.04089	0.0359	unknown	ShapiroWilk
Zinc (mg/L)	WT-2	No	n/a	n/a	NP (nrm)	NaN	32	0.03857	0.03541	unknown	ShapiroWilk
Zinc (mg/L)	**WT-3**	**Yes**	**0.258,0...**	**12/13/201...**	**NP (nrm)**	**NaN**	**21**	**0.08856**	**0.2031**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	**WT-4**	**Yes**	**0.08**	**4/26/2018**	**NP (nrm)**	**NaN**	**20**	**0.0205**	**0.01452**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	WT-OF	No	n/a	n/a	NP (nrm)	NaN	9	0.01569	0.005124	unknown	ShapiroWilk

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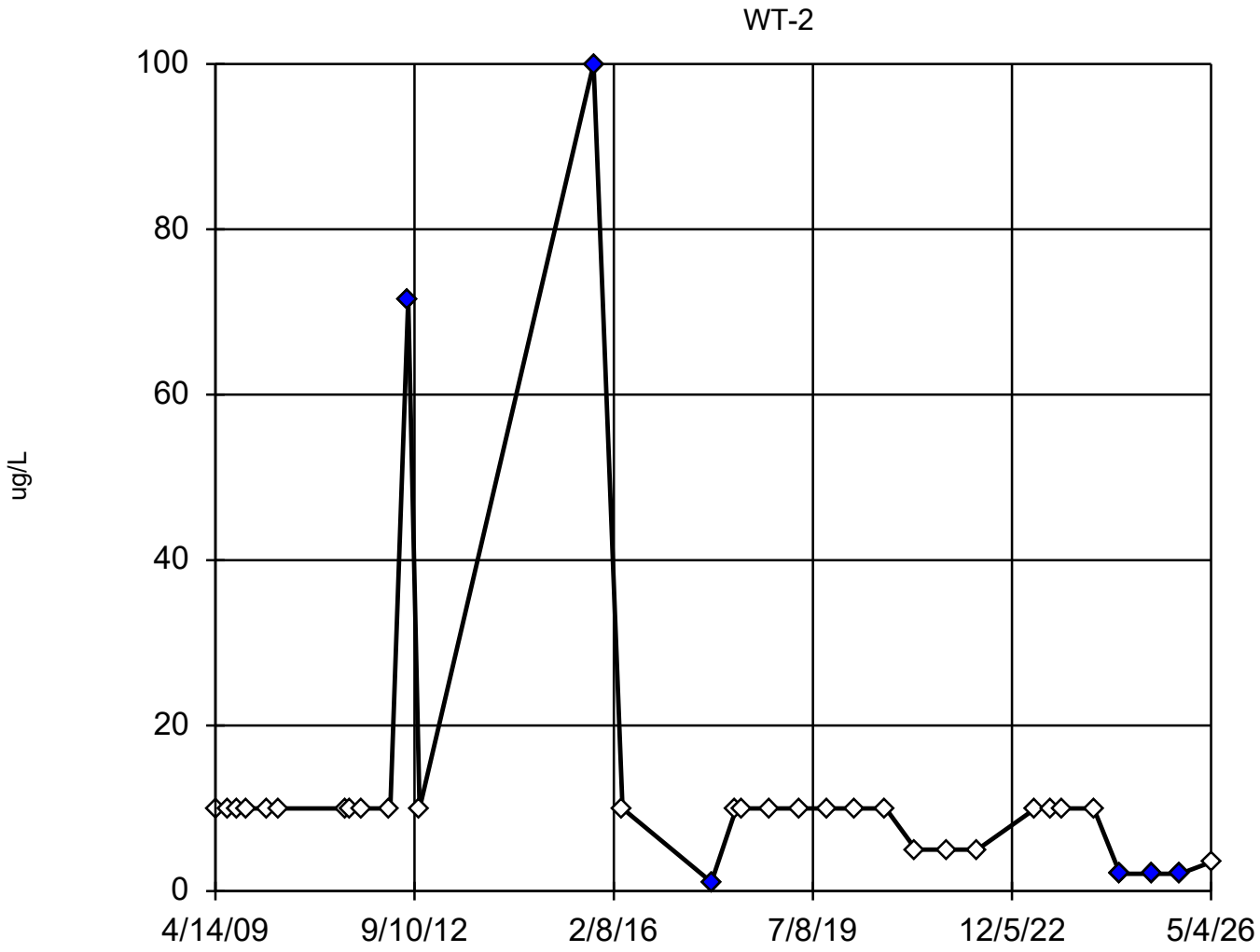
Tukey's Outlier Screening



n = 33

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 28.28, low cutoff = 2.5, based on IQR multiplier of 3.

Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 6/30/2026 9:17 AM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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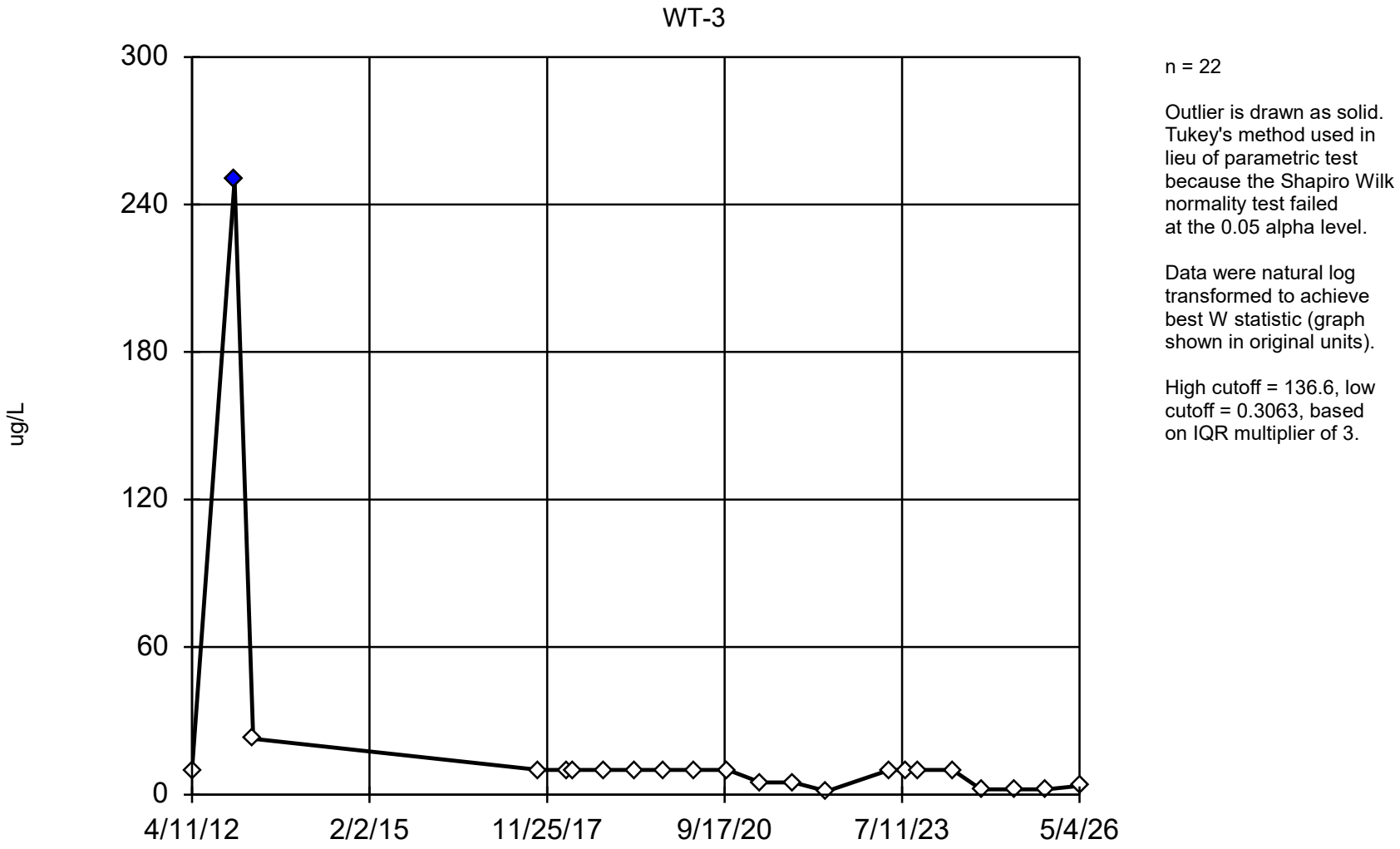
Tukey's Outlier Screening



n = 22

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 136.6, low cutoff = 0.3063, based on IQR multiplier of 3.

Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 6/30/2026 9:17 AM View: 02_GU_Organics

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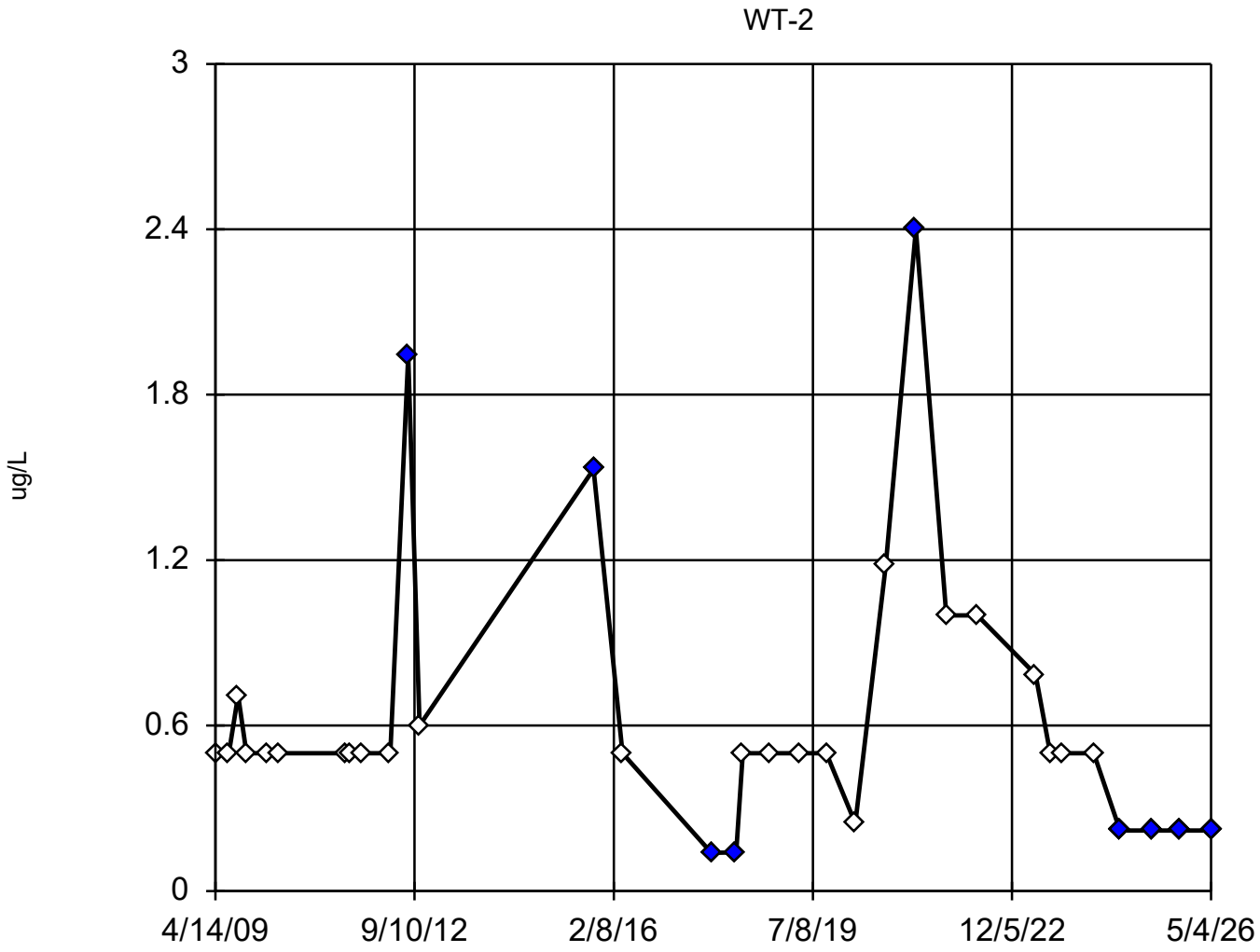
Tukey's Outlier Screening



n = 33

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.452, low cutoff = 0.2248, based on IQR multiplier of 3.

Constituent: Benzene Analysis Run 6/30/2026 9:17 AM View: 02_GU_Organics

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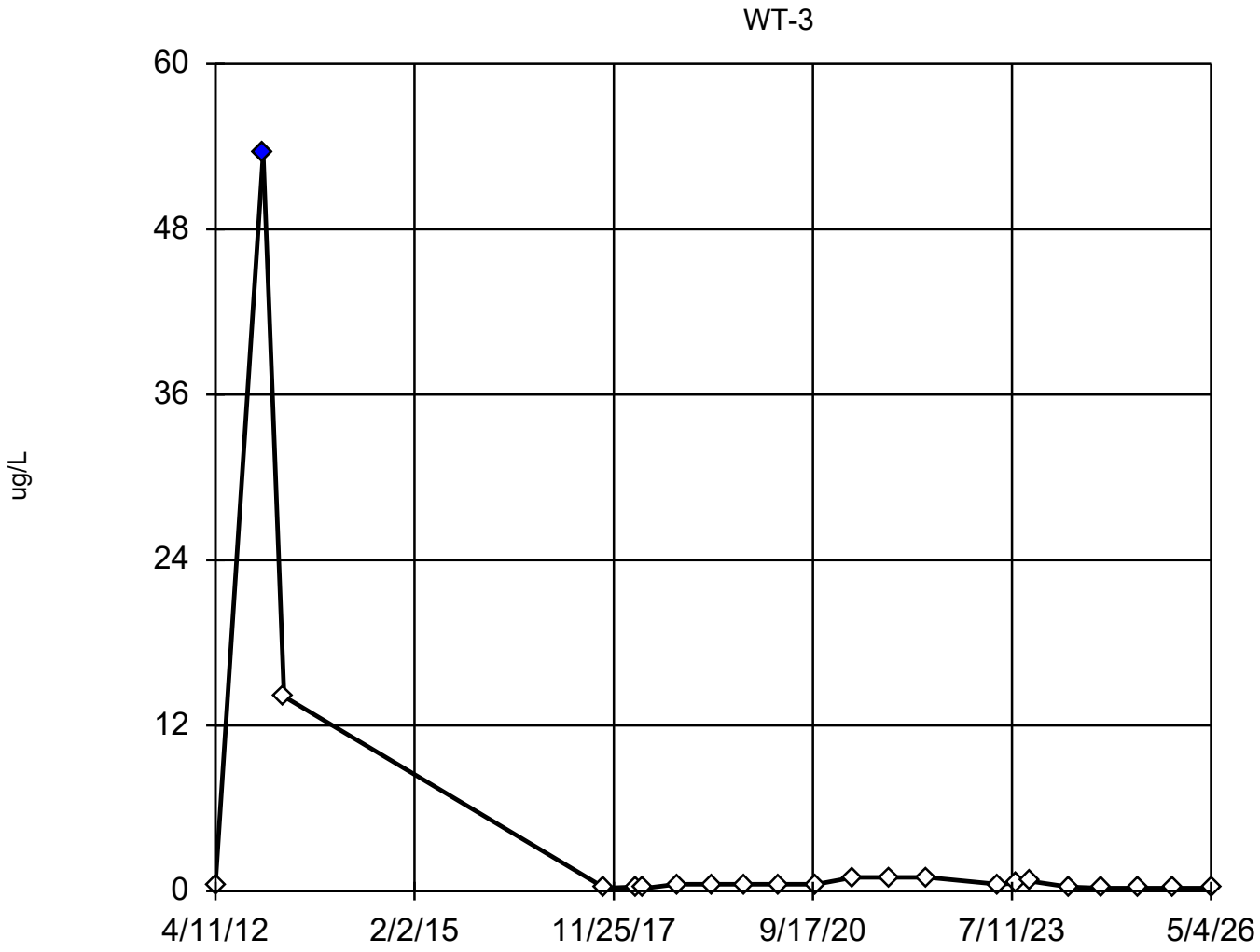
Tukey's Outlier Screening



n = 22

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 46.15, low cutoff = 0.003991, based on IQR multiplier of 3.

Constituent: Benzene Analysis Run 6/30/2026 9:18 AM View: 02_GU_Organics

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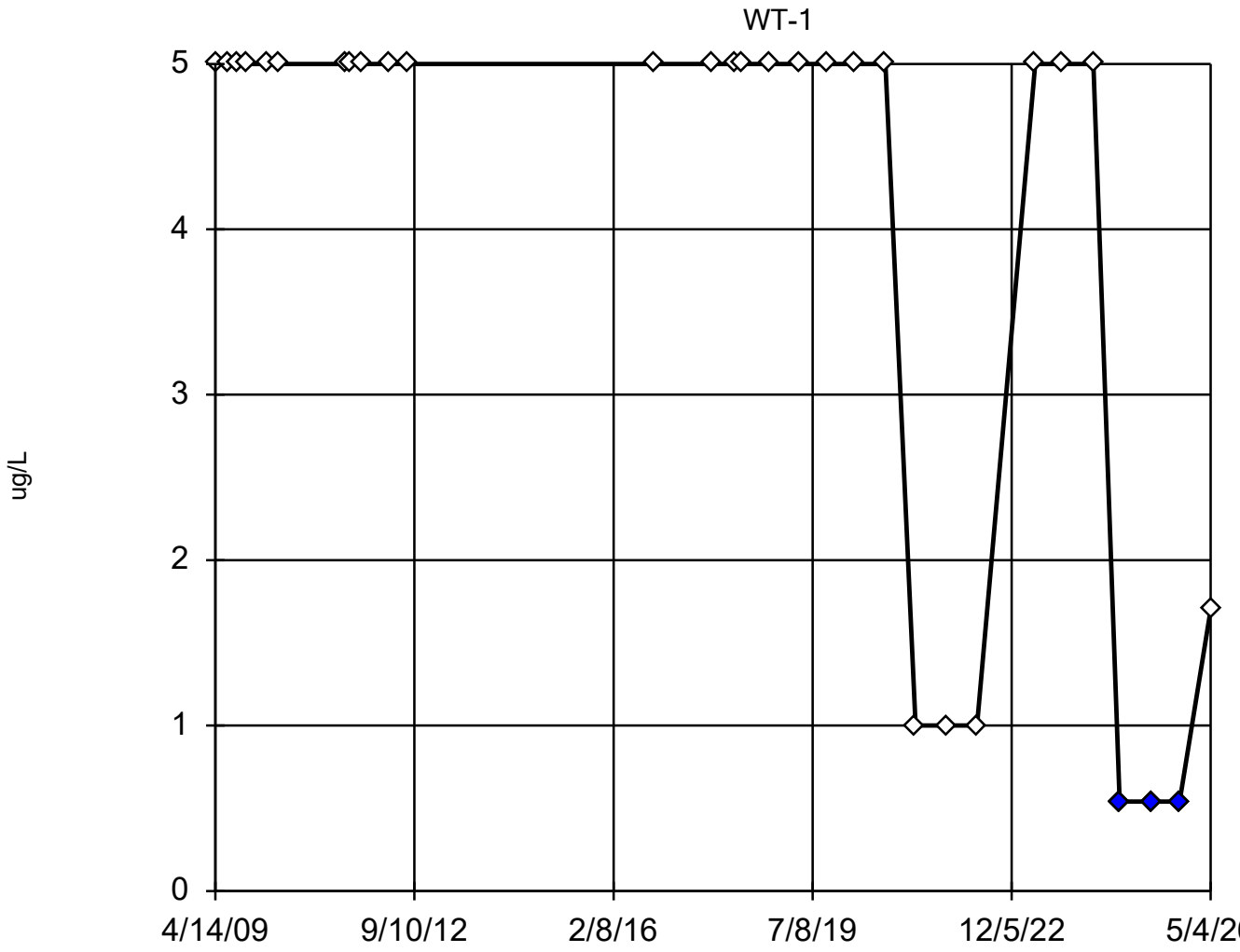
Tukey's Outlier Screening



n = 30

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 25.22, low cutoff = 0.578, based on IQR multiplier of 3.

Constituent: Bromochloromethane Analysis Run 6/30/2026 9:18 AM View: 02_GU_Organics

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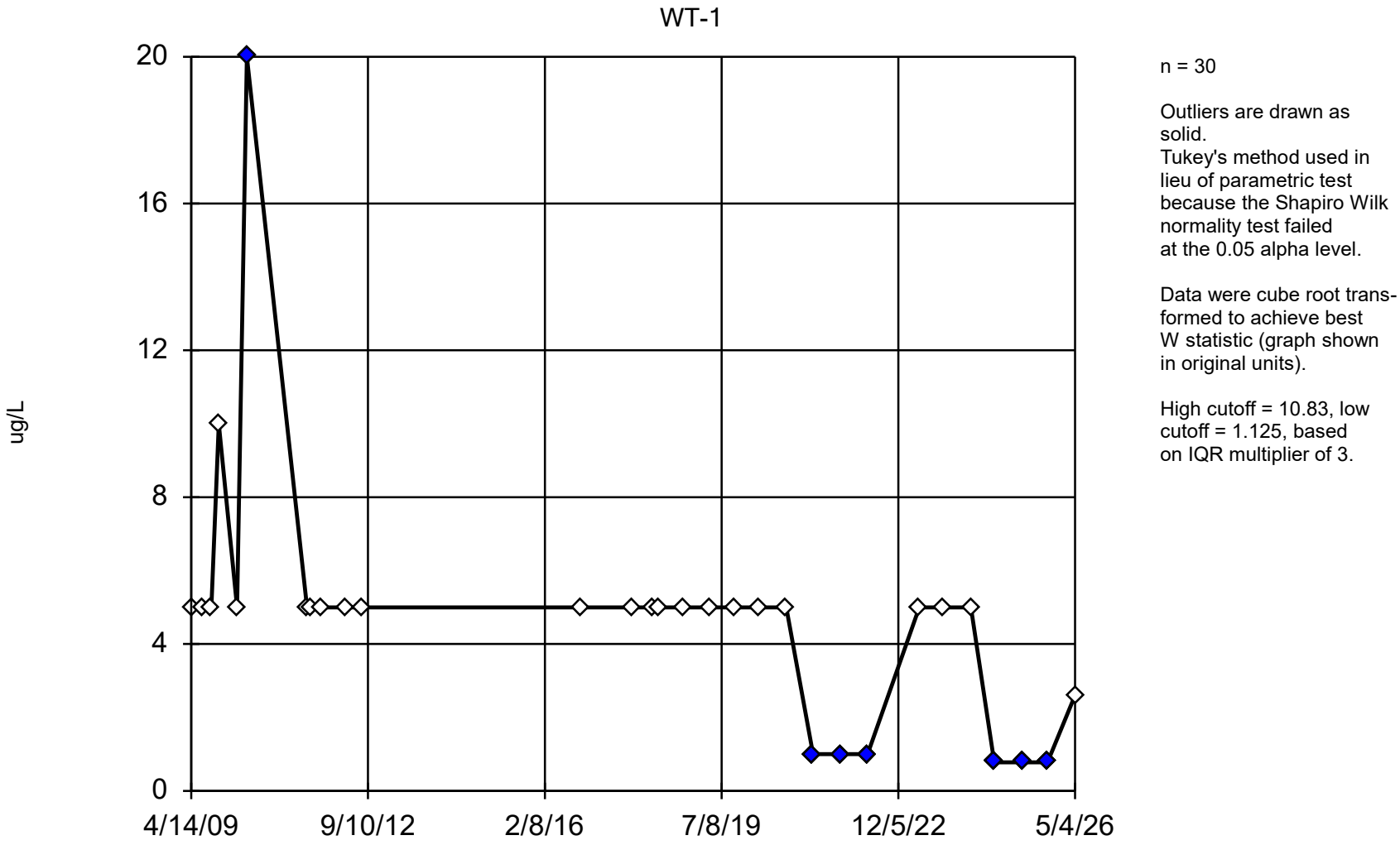
Tukey's Outlier Screening



n = 30

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 10.83, low cutoff = 1.125, based on IQR multiplier of 3.

Constituent: Bromoform Analysis Run 6/30/2026 9:18 AM View: 02_GU_Organics

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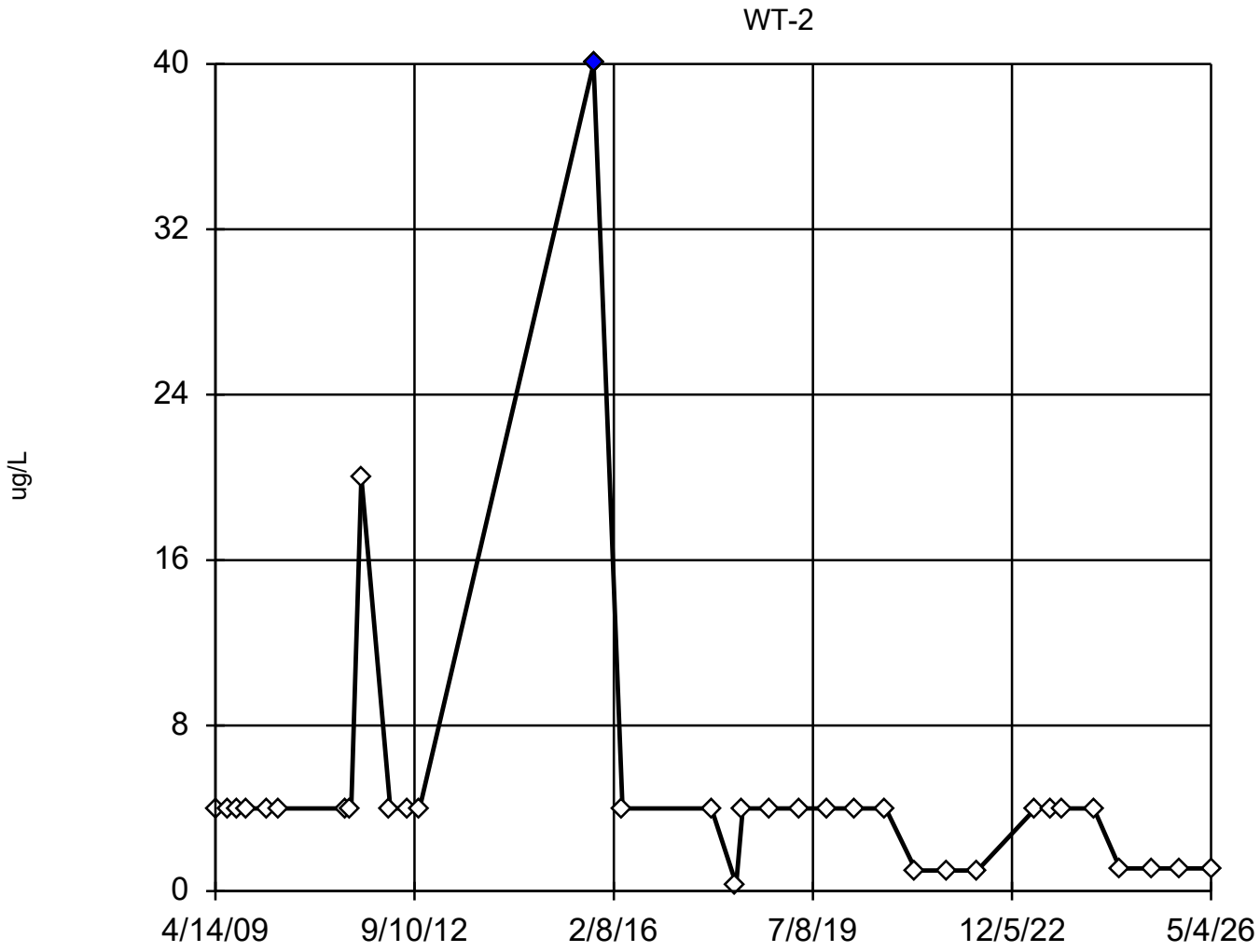
Tukey's Outlier Screening



n = 33

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 27.74, low cutoff = 0.3025, based on IQR multiplier of 3.

Constituent: Bromomethane Analysis Run 6/30/2026 9:18 AM View: 02_GU_Organics

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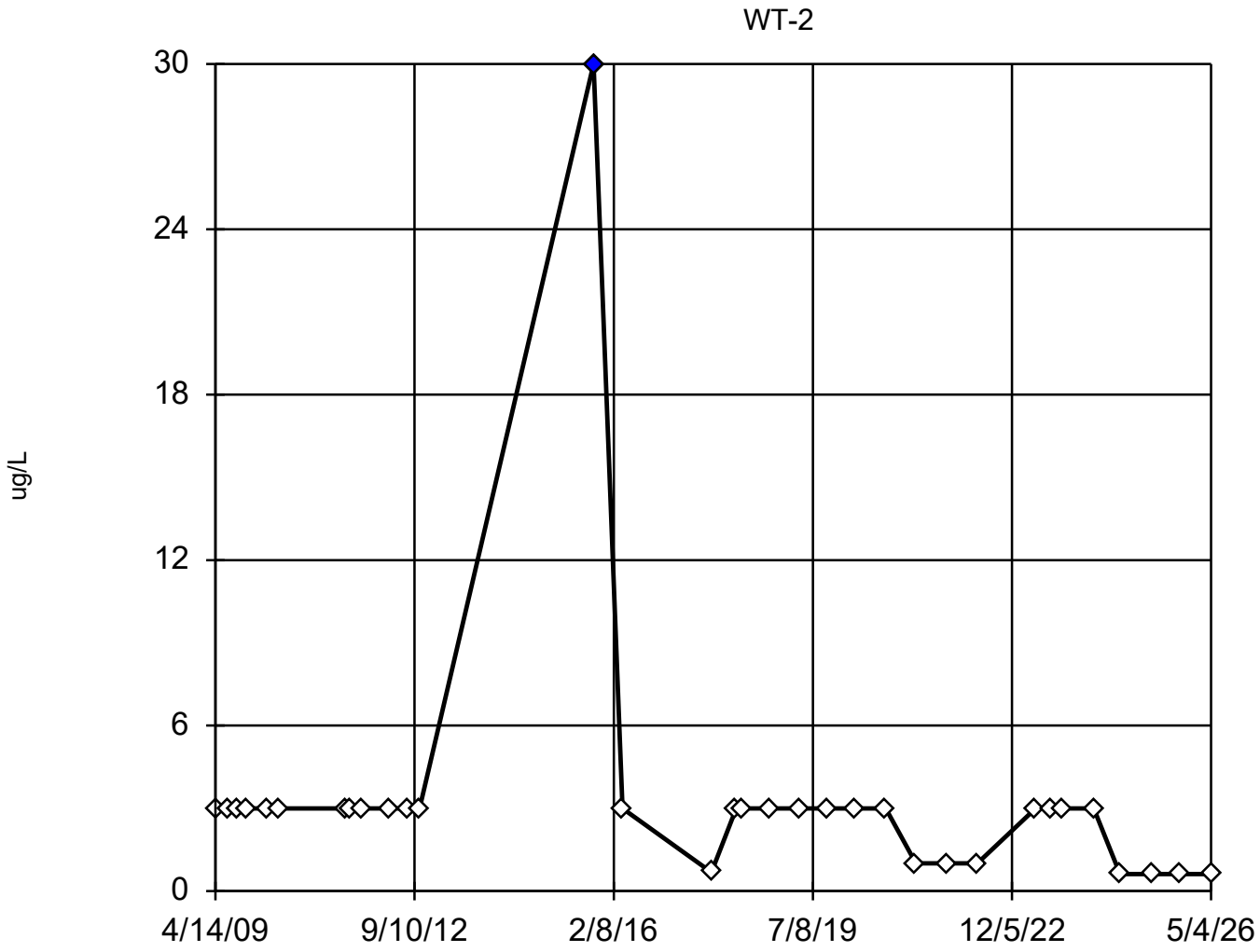
Tukey's Outlier Screening



n = 33

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 15.59, low cutoff = 0.3333, based on IQR multiplier of 3.

Constituent: Chloromethane Analysis Run 6/30/2026 9:18 AM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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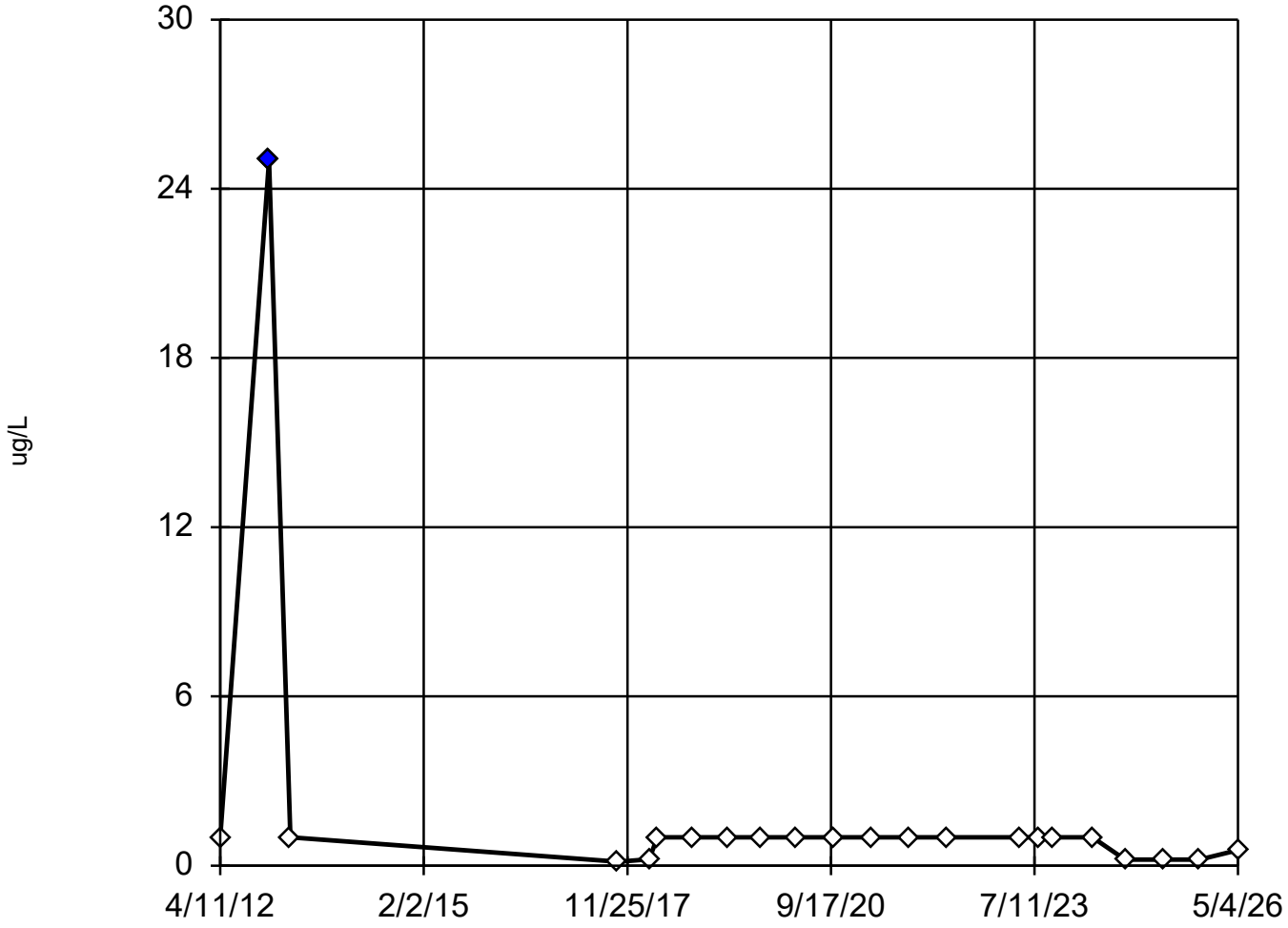
Tukey's Outlier Screening

WT-3



n = 22

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 22.37, low cutoff = 0.01586, based on IQR multiplier of 3.

Constituent: cis-1,2-Dichloroethene Analysis Run 6/30/2026 9:19 AM View: 02_GU_Organics

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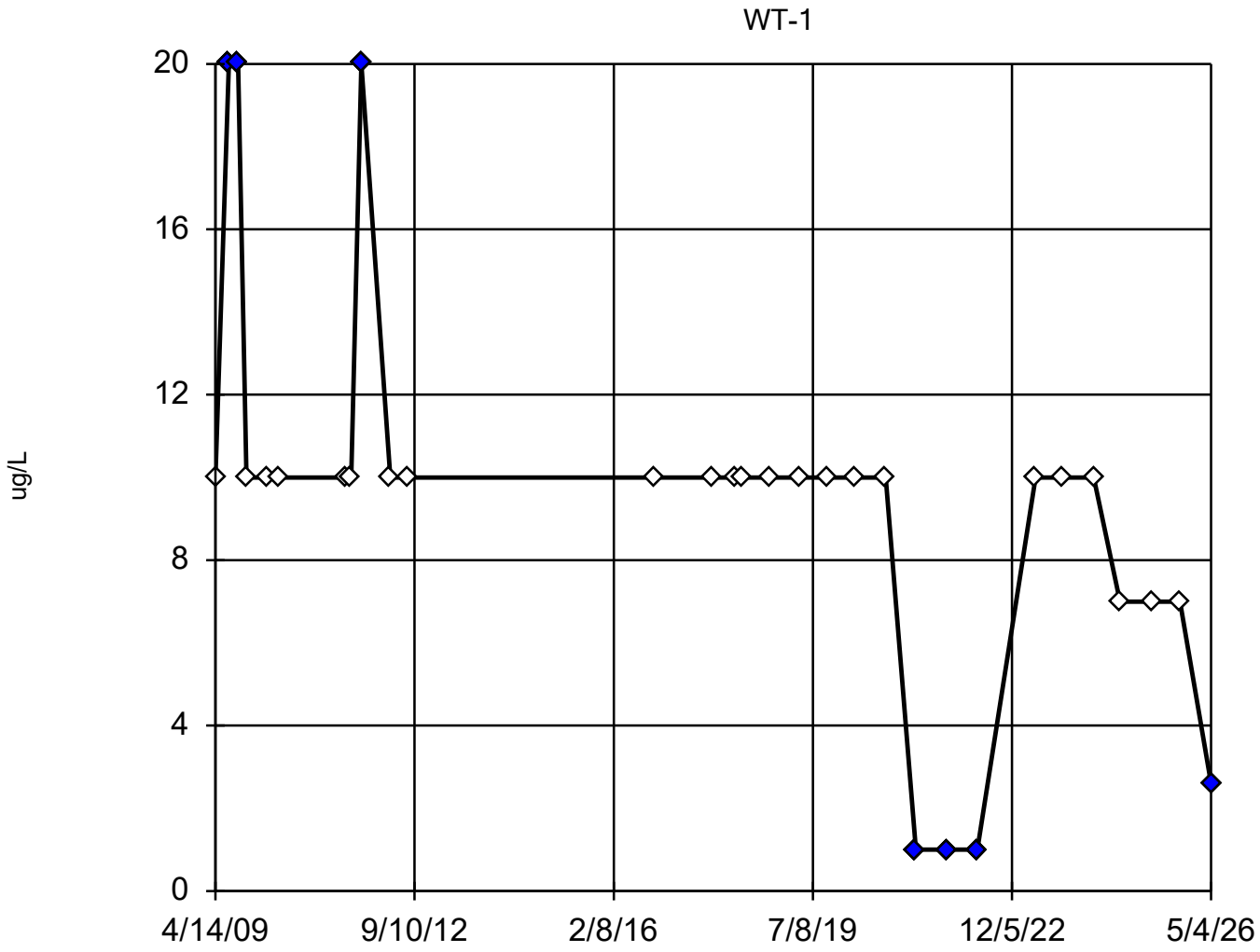
Tukey's Outlier Screening



n = 30

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 14.5, low cutoff = 4, based on IQR multiplier of 3.

Constituent: Iodomethane Analysis Run 6/30/2026 9:19 AM View: 02_GU_Organics

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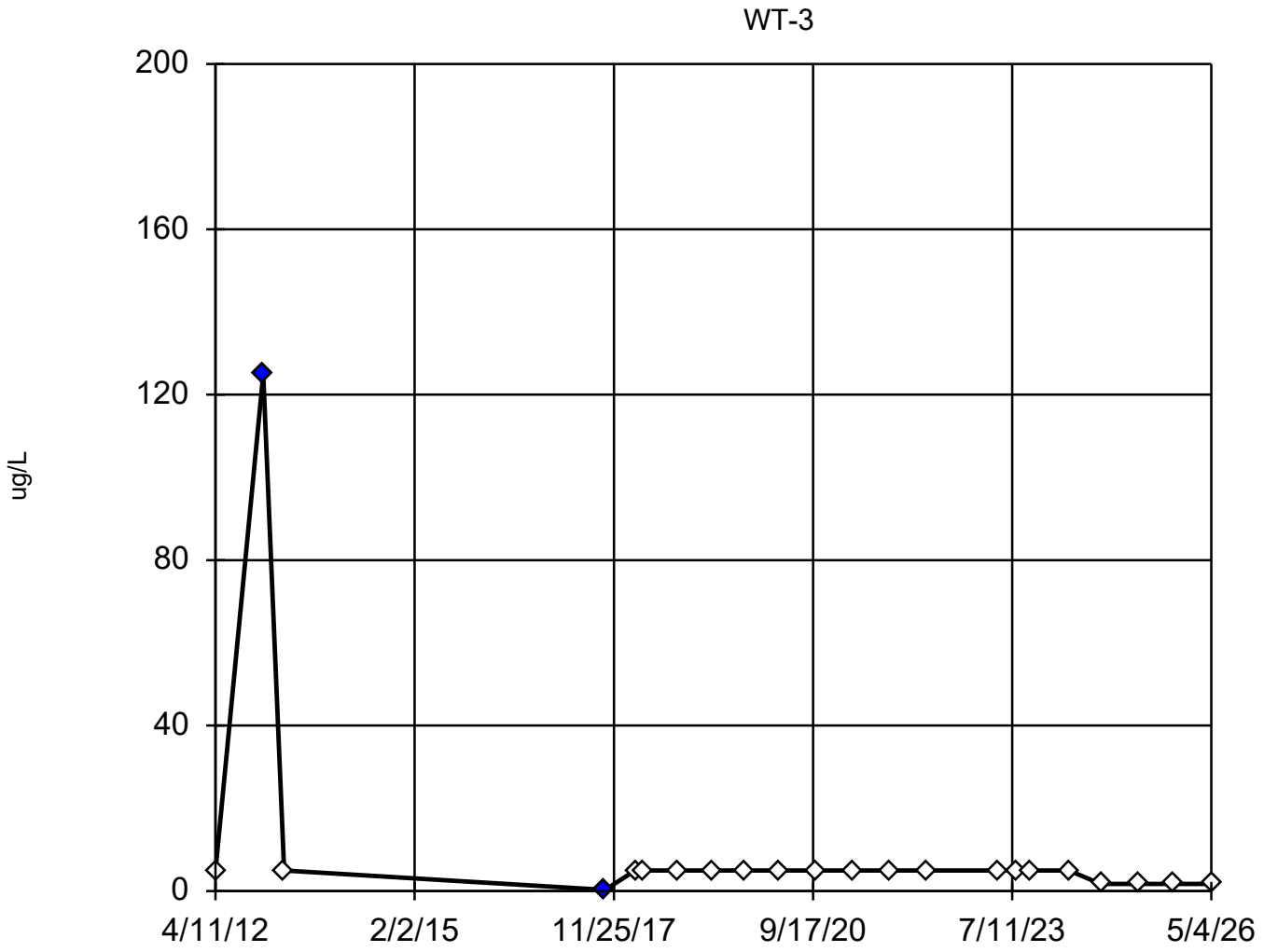
Tukey's Outlier Screening



n = 22

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 25.22, low cutoff = 0.578, based on IQR multiplier of 3.

Constituent: Methylene Chloride Analysis Run 6/30/2026 9:19 AM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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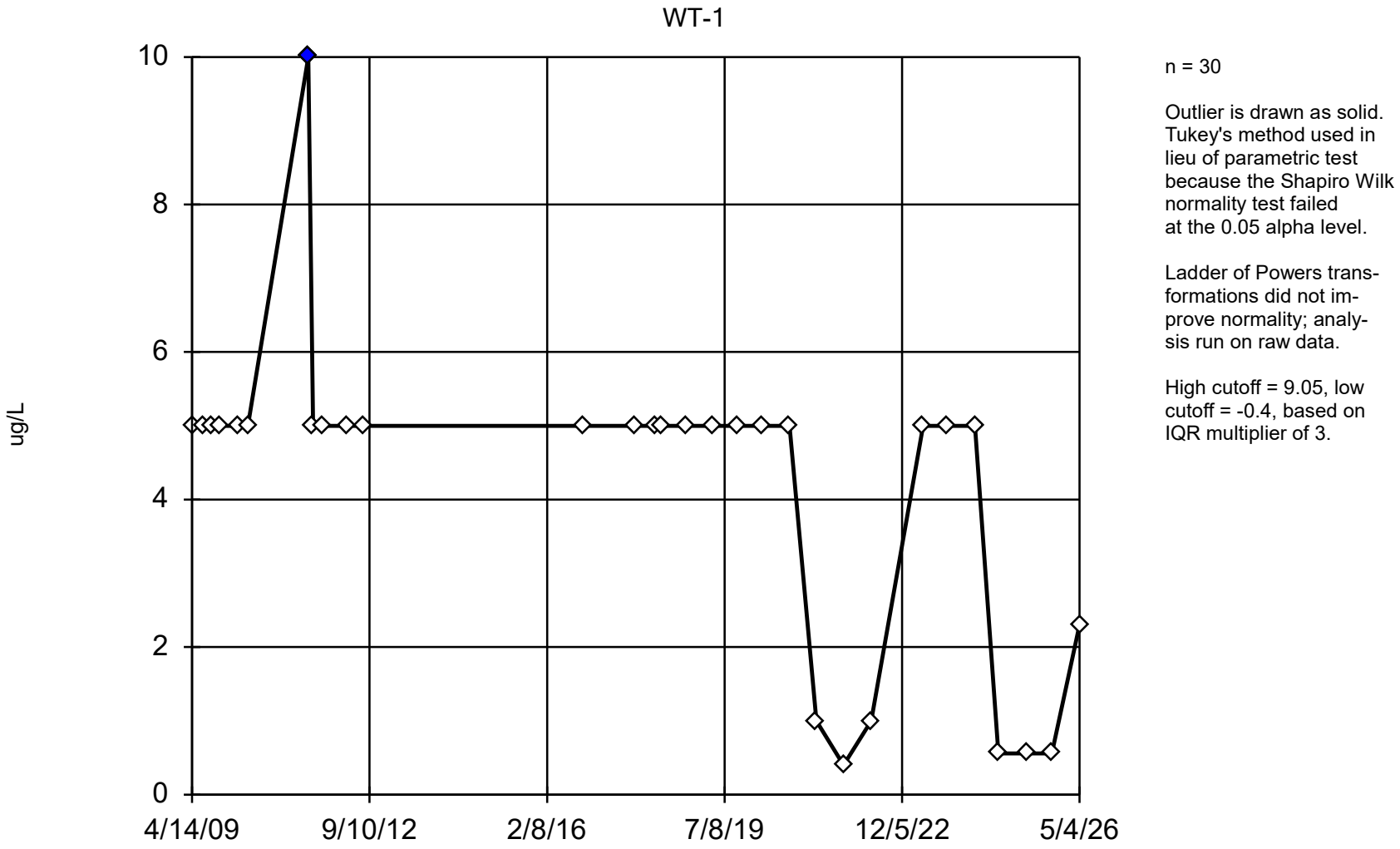
Tukey's Outlier Screening



n = 30

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 9.05, low cutoff = -0.4, based on IQR multiplier of 3.

Constituent: trans-1,3-Dichloropropene Analysis Run 6/30/2026 9:19 AM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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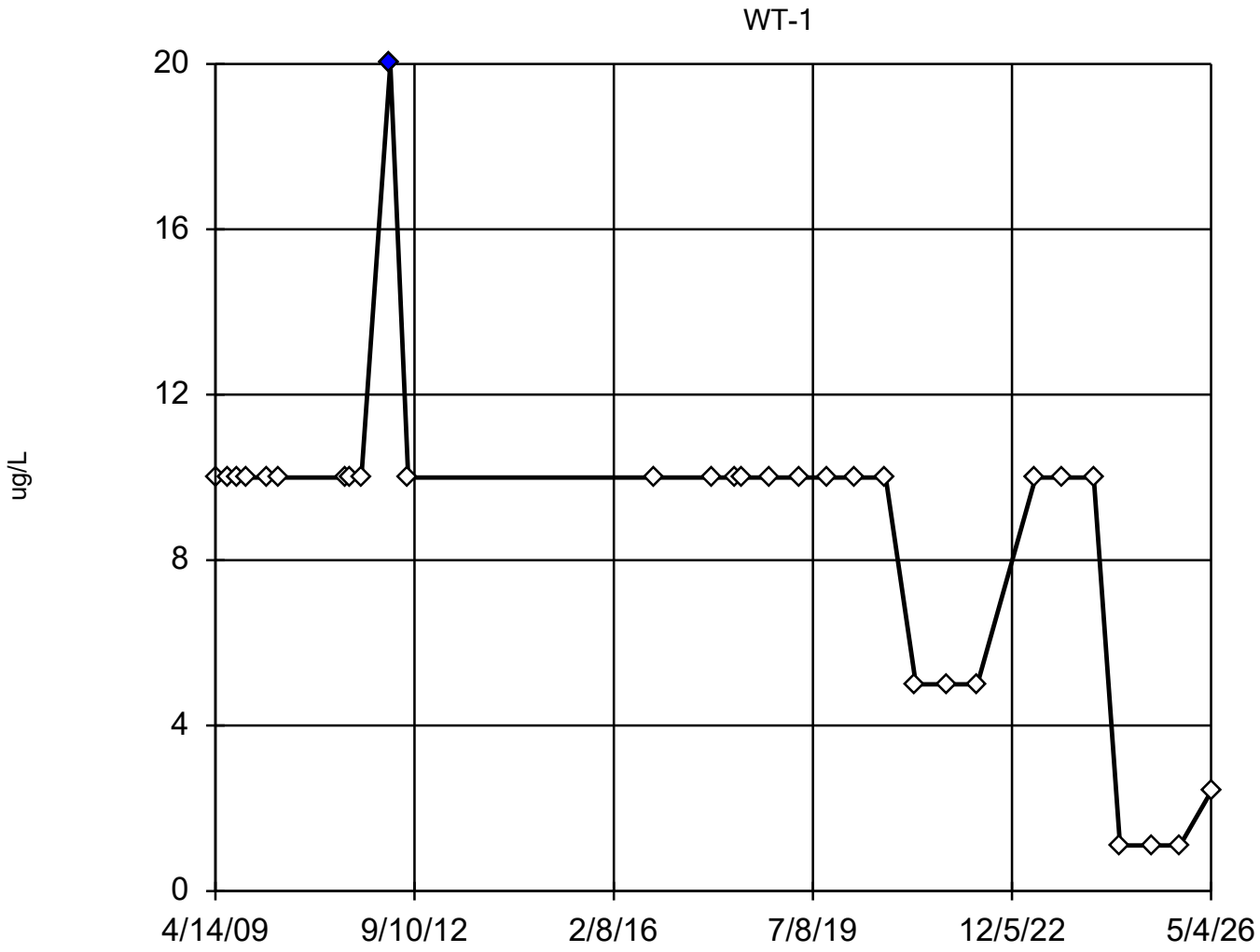
Tukey's Outlier Screening



n = 30

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 17.5, low cutoff = 0, based on IQR multiplier of 3.

Constituent: trans-1,4-Dichloro-2-Butene Analysis Run 6/30/2026 9:20 AM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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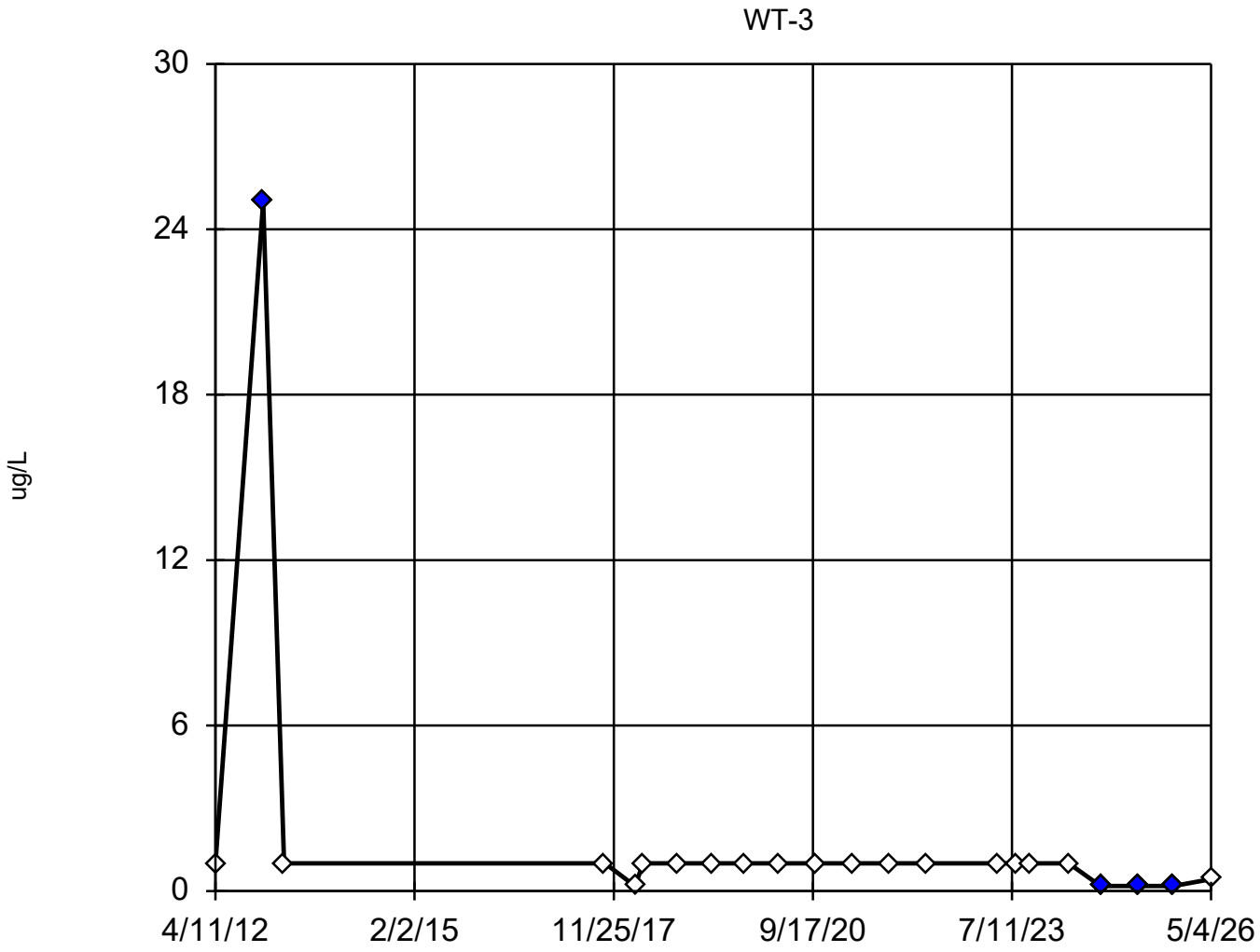
Tukey's Outlier Screening



n = 22

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.546, low cutoff = 0.1849, based on IQR multiplier of 3.

Constituent: Vinyl Chloride Analysis Run 6/30/2026 9:20 AM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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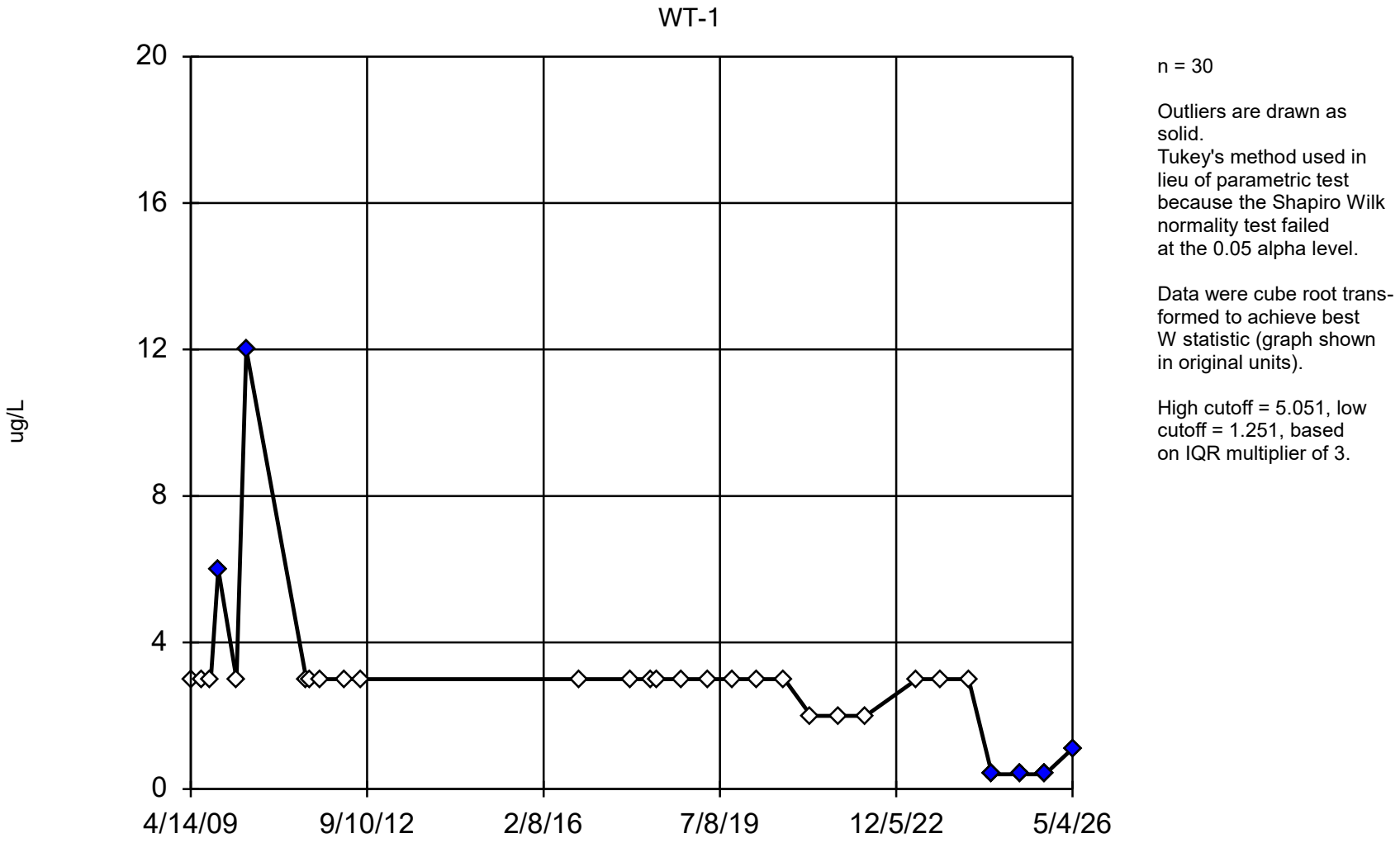
Tukey's Outlier Screening



n = 30

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.051, low cutoff = 1.251, based on IQR multiplier of 3.

Constituent: Xylenes, Total Analysis Run 6/30/2026 9:20 AM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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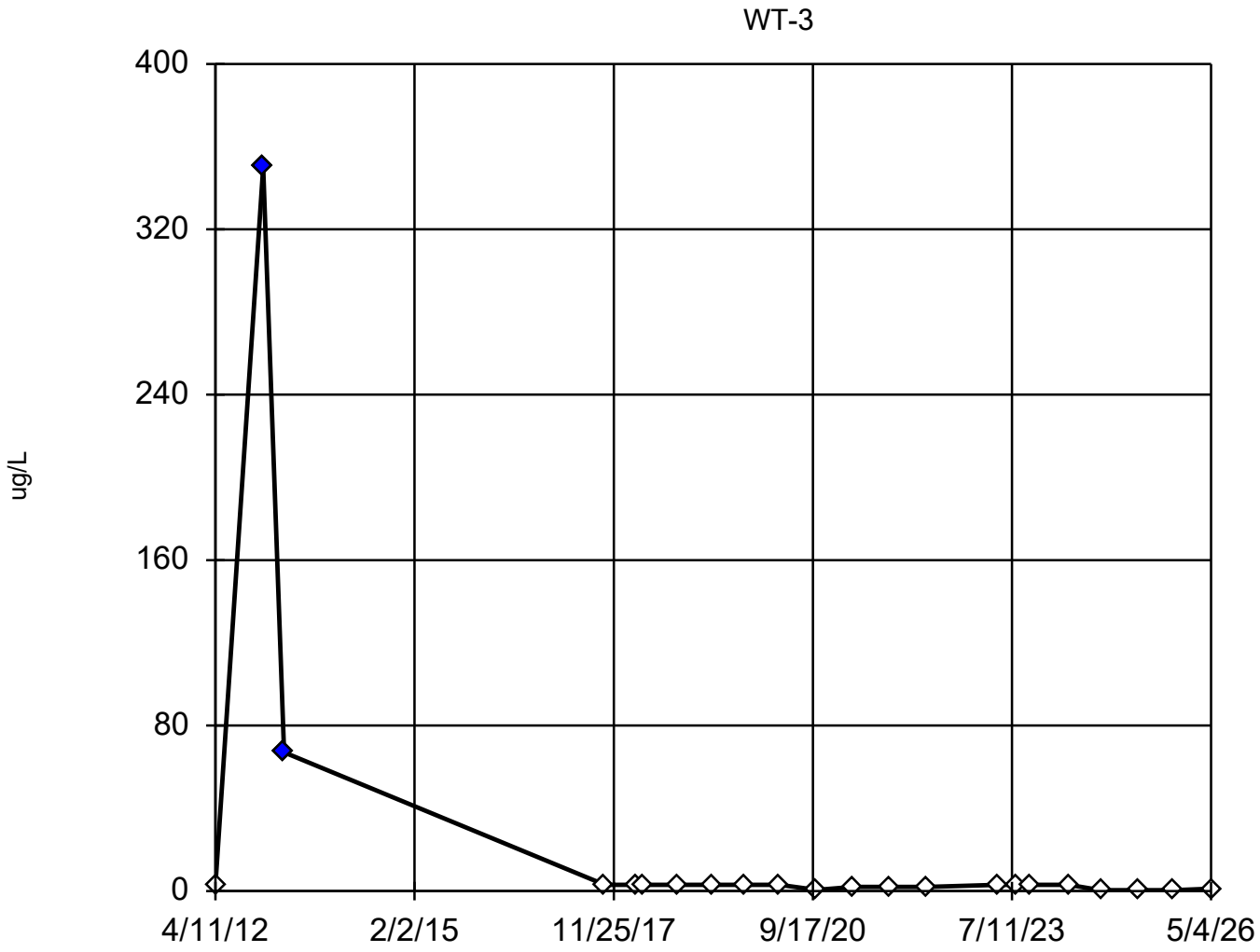
Tukey's Outlier Screening



n = 22

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 24.82, low cutoff = 0.1793, based on IQR multiplier of 3.

Constituent: Xylenes, Total Analysis Run 6/30/2026 9:20 AM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 9:26 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
1,1,1,2-Tetrachloroethane (ug/L)	ST-1	No	n/a	n/a	EPA 1989	0.05	5	2	1.225	normal	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.084	0.6519	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.349	1.673	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.978	5.148	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8819	0.2495	unknown	ShapiroWilk
1,1,1,2-Tetrachloroethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.69	0.3268	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1.6	1.342	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9997	0.6244	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.272	1.676	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.954	5.156	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8567	0.306	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.618	0.4085	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	ST-1	n/a	n/a	n/a	NP (nrm)	NaN	5	1.4	0.5477	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.992	0.3355	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.265	1.6	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.989	5.144	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8933	0.2265	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.723	0.2942	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1.2	0.4472	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.956	0.2815	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.218	1.601	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.985	5.145	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8895	0.2345	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.713	0.3046	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1	0	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.902	0.2558	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	WT-2	No	n/a	n/a	NP (nrm)	NaN	33	1.076	1.631	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.957	5.155	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.86	0.2978	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.628	0.3958	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	2	0	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	1.705	0.5563	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	2.277	3.226	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	3.779	10.34	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	1.578	0.6267	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	1.27	0.7701	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	ST-1	n/a	n/a	n/a	NP (nrm)	NaN	5	1.4	0.5477	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.04	0.3611	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.309	1.598	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	2.009	5.138	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.9143	0.1837	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.779	0.2378	unknown	ShapiroWilk
1,2-Dibromo-3-Chloropropane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	10	0	unknown	ShapiroWilk
1,2-Dibromo-3-Chloropropane (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	4.215	4.492	unknown	ShapiroWilk
1,2-Dibromo-3-Chloropropane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	4.323	4.43	unknown	ShapiroWilk
1,2-Dibromo-3-Chloropropane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	13.05	52.99	unknown	ShapiroWilk
1,2-Dibromo-3-Chloropropane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	1.317	2.041	unknown	ShapiroWilk
1,2-Dibromo-3-Chloropropane (ug/L)	WT-OF	No	n/a	n/a	NP (nrm)	NaN	10	1.2	0	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	10	0	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	3.822	4.782	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 9:26 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
1,2-Dibromoethane [EDB] (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	3.827	4.743	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	12.49	53.12	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.7143	2.131	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	WT-OF	No	n/a	n/a	NP (nrm)	NaN	10	0.34	0	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1.2	0.4472	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9493	0.2942	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.227	1.6	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.976	5.148	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.88	0.2535	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.685	0.332	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1.2	0.4472	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9687	0.269	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.244	1.593	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	2.003	5.141	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.9076	0.2179	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.745	0.3074	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1	0	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9063	0.2435	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.188	1.599	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.963	5.153	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8662	0.2835	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.646	0.3746	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1.2	0.4472	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9393	0.3178	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.218	1.605	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.963	5.153	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8657	0.2881	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.641	0.3863	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	10	0	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	9.413	5.205	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	11.52	16.11	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	19.08	51.67	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	8.081	3.189	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	6.079	3.951	unknown	ShapiroWilk
2-Hexanone (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	12	4.472	unknown	ShapiroWilk
2-Hexanone (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	8.827	3.544	unknown	ShapiroWilk
2-Hexanone (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	11.66	16.22	unknown	ShapiroWilk
2-Hexanone (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	18.85	51.72	unknown	ShapiroWilk
2-Hexanone (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	7.848	3.226	unknown	ShapiroWilk
2-Hexanone (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	6.18	4.062	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	10	0	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	8.173	3.156	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	**WT-2**	**Yes**	**71.5,10...**	**8/1/2012,...**	**NP (nrm)**	**NaN**	**33**	**12.95**	**19.35**	**unknown**	**ShapiroWilk**
4-Methyl-2-pentanone [MIBK] (ug/L)	**WT-3**	**Yes**	**250**	**12/13/2012**	**NP (nrm)**	**NaN**	**22**	**19.27**	**51.74**	**unknown**	**ShapiroWilk**
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	21	7.662	3.492	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	6.19	4.038	unknown	ShapiroWilk
Acetone (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	10	0	unknown	ShapiroWilk
Acetone (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	11.55	15.89	unknown	ShapiroWilk
Acetone (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	13.09	17.17	unknown	ShapiroWilk
Acetone (ug/L)	WT-3	No	n/a	n/a	NP (nrm)	NaN	22	18.13	51.9	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 9:26 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Acetone (ug/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	21	8.094	3.126	unknown	ShapiroWilk
Acetone (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	11	7.255	3.987	unknown	ShapiroWilk
Acrylonitrile (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	10	0	unknown	ShapiroWilk
Acrylonitrile (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	6.627	2.948	unknown	ShapiroWilk
Acrylonitrile (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	9.509	16.5	unknown	ShapiroWilk
Acrylonitrile (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	16.08	52.28	unknown	ShapiroWilk
Acrylonitrile (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	4.705	1.651	unknown	ShapiroWilk
Acrylonitrile (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	3.6	1.476	unknown	ShapiroWilk
Benzene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	0.5	0	unknown	ShapiroWilk
Benzene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.5084	0.1994	unknown	ShapiroWilk
Benzene (ug/L)	**WT-2**	**Yes**	**1.94,1....**	**8/1/2012,...**	**NP (nrm)**	**NaN**	**33**	**0.6378**	**0.4954**	**unknown**	**ShapiroWilk**
Benzene (ug/L)	**WT-3**	**Yes**	**53.5**	**12/13/2012**	**NP (nrm)**	**NaN**	**22**	**3.511**	**11.54**	**unknown**	**ShapiroWilk**
Benzene (ug/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	21	0.5011	0.244	unknown	ShapiroWilk
Benzene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.36	0.1476	unknown	ShapiroWilk
Bromochloromethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	5	0	unknown	ShapiroWilk
Bromochloromethane (ug/L)	**WT-1**	**Yes**	**0.54,0....**	**10/11/202...**	**NP (nrm)**	**NaN**	**30**	**4.044**	**1.773**	**unknown**	**ShapiroWilk**
Bromochloromethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	5.495	8.169	unknown	ShapiroWilk
Bromochloromethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	9.151	25.95	unknown	ShapiroWilk
Bromochloromethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	3.634	1.992	unknown	ShapiroWilk
Bromochloromethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	2.886	2.255	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	ST-1	No	n/a	n/a	EPA 1989	0.05	5	1.8	1.304	ln(x)	ShapiroWilk
Bromodichloromethane (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.052	0.6272	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.32	1.669	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	2.093	5.13	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.9324	0.3488	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.695	0.3215	unknown	ShapiroWilk
Bromoform (ug/L)	ST-1	No	n/a	n/a	EPA 1989	0.05	5	9	6.519	ln(x)	ShapiroWilk
Bromoform (ug/L)	**WT-1**	**Yes**	**20,1,1,...**	**5/10/2010...**	**NP (nrm)**	**NaN**	**30**	**4.765**	**3.501**	**unknown**	**ShapiroWilk**
Bromoform (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	6.15	8.549	unknown	ShapiroWilk
Bromoform (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	9.225	25.93	unknown	ShapiroWilk
Bromoform (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	3.711	1.902	unknown	ShapiroWilk
Bromoform (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	3.072	2.103	unknown	ShapiroWilk
Bromomethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	4	0	unknown	ShapiroWilk
Bromomethane (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	3.847	3.301	unknown	ShapiroWilk
Bromomethane (ug/L)	**WT-2**	**Yes**	**40**	**10/5/2015**	**NP (nrm)**	**NaN**	**33**	**4.84**	**7.077**	**unknown**	**ShapiroWilk**
Bromomethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	7.259	20.77	unknown	ShapiroWilk
Bromomethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	2.842	1.521	unknown	ShapiroWilk
Bromomethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	2.55	1.528	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	2.4	1.949	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.16	0.9366	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.418	1.78	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	2.229	5.216	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8952	0.2213	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.725	0.2899	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	2.4	0.8944	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	1.787	0.6676	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	2.352	3.232	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	4.09	10.37	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	1.6	0.5886	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	1.325	0.7115	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 9:26 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Chlorobenzene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1.2	0.4472	unknown	ShapiroWilk
Chlorobenzene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9517	0.2896	unknown	ShapiroWilk
Chlorobenzene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.229	1.599	unknown	ShapiroWilk
Chlorobenzene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.98	5.147	unknown	ShapiroWilk
Chlorobenzene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8833	0.2466	unknown	ShapiroWilk
Chlorobenzene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.695	0.3218	unknown	ShapiroWilk
Chlorodibromomethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	5	0	unknown	ShapiroWilk
Chlorodibromomethane (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	4.058	1.74	unknown	ShapiroWilk
Chlorodibromomethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	5.508	8.16	unknown	ShapiroWilk
Chlorodibromomethane (ug/L)	WT-3	No	n/a	n/a	NP (nrm)	NaN	22	9.019	25.98	unknown	ShapiroWilk
Chlorodibromomethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	3.655	1.955	unknown	ShapiroWilk
Chlorodibromomethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	2.95	2.172	unknown	ShapiroWilk
Chloroethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	4	0	unknown	ShapiroWilk
Chloroethane (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	3.276	1.336	unknown	ShapiroWilk
Chloroethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	4.432	6.513	unknown	ShapiroWilk
Chloroethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	7.376	20.74	unknown	ShapiroWilk
Chloroethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	2.965	1.501	unknown	ShapiroWilk
Chloroethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	2.406	1.681	unknown	ShapiroWilk
Chloroform (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1.2	0.4472	unknown	ShapiroWilk
Chloroform (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.607	0.8773	unknown	ShapiroWilk
Chloroform (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.82	1.215	unknown	ShapiroWilk
Chloroform (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	3.343	5.092	unknown	ShapiroWilk
Chloroform (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	2.16	1.666	unknown	ShapiroWilk
Chloroform (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	2.15	0.896	unknown	ShapiroWilk
Chloromethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	3	0	unknown	ShapiroWilk
Chloromethane (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	2.481	0.9609	unknown	ShapiroWilk
Chloromethane (ug/L)	**WT-2**	**Yes**	**30**	**10/5/2015**	**NP (nrm)**	**NaN**	**33**	**3.276**	**4.895**	**unknown**	**ShapiroWilk**
Chloromethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	5.565	15.54	unknown	ShapiroWilk
Chloromethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	2.259	1.08	unknown	ShapiroWilk
Chloromethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	1.805	1.26	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1	0	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.906	0.2498	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.187	1.6	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	**WT-3**	**Yes**	**25**	**12/13/2012**	**NP (nrm)**	**NaN**	**22**	**1.889**	**5.173**	**unknown**	**ShapiroWilk**
cis-1,2-Dichloroethene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8657	0.2912	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.639	0.3938	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	5	0	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	3.998	1.857	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	5.453	8.194	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	9.089	25.97	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	3.569	2.087	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	2.72	2.42	unknown	ShapiroWilk
Dibromomethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1.2	0.4472	unknown	ShapiroWilk
Dibromomethane (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.944	0.3052	unknown	ShapiroWilk
Dibromomethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.222	1.602	unknown	ShapiroWilk
Dibromomethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.969	5.151	unknown	ShapiroWilk
Dibromomethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8724	0.2696	unknown	ShapiroWilk
Dibromomethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.665	0.3531	unknown	ShapiroWilk
Ethylbenzene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1.2	0.4472	unknown	ShapiroWilk
Ethylbenzene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.945	0.3037	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 9:26 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Ethylbenzene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.395	2.584	unknown	ShapiroWilk
Ethylbenzene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	8.552	29.37	unknown	ShapiroWilk
Ethylbenzene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8738	0.2674	unknown	ShapiroWilk
Ethylbenzene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.666	0.3536	unknown	ShapiroWilk
Iodomethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	10	0	unknown	ShapiroWilk
Iodomethane (ug/L)	**WT-1**	**Yes**	**20,20,2...**	**7/7/2009,...**	**NP (nrm)**	**NaN**	**30**	**9.553**	**4.619**	**unknown**	**ShapiroWilk**
Iodomethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	12.02	16.29	unknown	ShapiroWilk
Iodomethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	18.94	51.72	unknown	ShapiroWilk
Iodomethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	7.933	3.428	unknown	ShapiroWilk
Iodomethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	8.06	2.43	unknown	ShapiroWilk
Methylene Chloride (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	5	0	unknown	ShapiroWilk
Methylene Chloride (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	4.095	1.702	unknown	ShapiroWilk
Methylene Chloride (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	5.221	3.8	unknown	ShapiroWilk
Methylene Chloride (ug/L)	**WT-3**	**Yes**	**125,0.241**	**12/13/201...**	**NP (nrm)**	**NaN**	**22**	**9.638**	**25.81**	**unknown**	**ShapiroWilk**
Methylene Chloride (ug/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	21	4.146	1.591	unknown	ShapiroWilk
Methylene Chloride (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	3.35	1.739	unknown	ShapiroWilk
Styrene (ug/L)	ST-1	No	n/a	n/a	EPA 1989	0.05	5	2	1.225	normal	ShapiroWilk
Styrene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.083	0.6534	unknown	ShapiroWilk
Styrene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.348	1.673	unknown	ShapiroWilk
Styrene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	2.637	7.3	unknown	ShapiroWilk
Styrene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.88	0.2535	unknown	ShapiroWilk
Styrene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.685	0.332	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1.2	0.4472	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.964	0.2654	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.24	1.593	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.996	5.142	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.901	0.2092	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.74	0.2741	unknown	ShapiroWilk
Toluene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1	0	unknown	ShapiroWilk
Toluene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.679	2.514	unknown	ShapiroWilk
Toluene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.579	3.619	unknown	ShapiroWilk
Toluene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	14.51	51.35	unknown	ShapiroWilk
Toluene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8914	0.2294	unknown	ShapiroWilk
Toluene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.715	0.3004	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1	0	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9073	0.2413	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.188	1.599	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.965	5.152	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8676	0.281	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.649	0.3723	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	5	0	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	**WT-1**	**Yes**	**10**	**7/8/2011**	**NP (nrm)**	**NaN**	**30**	**4.213**	**2.084**	**unknown**	**ShapiroWilk**
trans-1,3-Dichloropropene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	5.666	8.196	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	9.181	25.94	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	3.666	1.963	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	2.954	2.218	unknown	ShapiroWilk
trans-1,4-Dichloro-2-Butene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	10	0	unknown	ShapiroWilk
trans-1,4-Dichloro-2-Butene (ug/L)	**WT-1**	**Yes**	**20**	**4/11/2012**	**NP (nrm)**	**NaN**	**30**	**8.69**	**3.801**	**unknown**	**ShapiroWilk**
trans-1,4-Dichloro-2-Butene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	11.54	16.29	unknown	ShapiroWilk
trans-1,4-Dichloro-2-Butene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	19.12	51.75	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 9:26 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
trans-1,4-Dichloro-2-Butene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	8.129	4.454	unknown	ShapiroWilk
trans-1,4-Dichloro-2-Butene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	5.68	4.57	unknown	ShapiroWilk
Trichloroethene (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1	0	unknown	ShapiroWilk
Trichloroethene (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9028	0.2216	unknown	ShapiroWilk
Trichloroethene (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.201	1.592	unknown	ShapiroWilk
Trichloroethene (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	1.984	5.146	unknown	ShapiroWilk
Trichloroethene (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8876	0.2379	unknown	ShapiroWilk
Trichloroethene (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.707	0.3098	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	4	0	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	WT-1	No	n/a	n/a	NP (nrm)	NaN	30	3.22	1.445	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	4.382	6.543	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	7.3	20.77	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	2.886	1.624	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	2.199	1.899	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	2	0	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	6.387	4.443	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	9.442	16.82	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	WT-3	n/a	n/a	n/a	NP (nrm)	NaN	22	10.07	9.798	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	8.552	3.925	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	6.71	3.729	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	ST-1	No	n/a	n/a	NP (nrm)	NaN	5	1	0	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	WT-1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.899	0.265	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	1.158	1.612	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	**WT-3**	**Yes**	**25,0.18...**	**12/13/201...**	**NP (nrm)**	**NaN**	**22**	**1.916**	**5.166**	**unknown**	**ShapiroWilk**
Vinyl Chloride (ug/L)	WT-4	n/a	n/a	n/a	NP (nrm)	NaN	21	0.8557	0.3086	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	0.615	0.4126	unknown	ShapiroWilk
Xylenes, Total (ug/L)	ST-1	No	n/a	n/a	EPA 1989	0.05	5	5.4	3.912	ln(x)	ShapiroWilk
Xylenes, Total (ug/L)	**WT-1**	**Yes**	**6,12,0....**	**10/25/200...**	**NP (nrm)**	**NaN**	**30**	**2.977**	**2.008**	**unknown**	**ShapiroWilk**
Xylenes, Total (ug/L)	WT-2	n/a	n/a	n/a	NP (nrm)	NaN	33	4.011	5.815	unknown	ShapiroWilk
Xylenes, Total (ug/L)	**WT-3**	**Yes**	**350,67.1**	**12/13/201...**	**NP (nrm)**	**NaN**	**22**	**21**	**74.78**	**unknown**	**ShapiroWilk**
Xylenes, Total (ug/L)	WT-4	No	n/a	n/a	NP (nrm)	NaN	21	2.275	1.053	unknown	ShapiroWilk
Xylenes, Total (ug/L)	WT-OF	n/a	n/a	n/a	NP (nrm)	NaN	10	1.77	1.313	unknown	ShapiroWilk

Groundwater Underdrain –

Flagged Outliers

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Flagged Outliers

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 10:48 AM

	WT-2 Antimony (mg/L)	WT-3 Antimony (mg/L)	WT-3 Arsenic (mg/L)	WT-1 Barium (mg/L)	WT-2 Barium (mg/L)	WT-3 Barium (mg/L)	WT-3 Beryllium (mg/L)	WT-3 Cadmium (mg/L)	WT-1 Chromium (mg/L)	WT-2 Chromium (mg/L)
4/11/2012										
8/1/2012	<0.012 (o)				2.65 (o)					
10/11/2012	<0.018 (o)									
12/13/2012										
3/30/2013								0.00101 (o)		
10/5/2015					1.22 (o)					
4/26/2018										
10/16/2018									0.0136 (o)	0.0162 (o)
10/7/2020		<0.02 (o)	13.9 (o)	1.67 (o)		35.3 (o)	0.00806 (o)	0.00138 (o)		
4/29/2024										
2/25/2025										

	WT-3 Chromium (mg/L)	WT-4 Chromium (mg/L)	WT-1 Cobalt (mg/L)	WT-2 Cobalt (mg/L)	WT-3 Cobalt (mg/L)	WT-OF Cobalt (mg/L)	WT-1 Copper (mg/L)	WT-2 Copper (mg/L)	WT-3 Copper (mg/L)	WT-1 Lead (mg/L)
4/11/2012										
8/1/2012										
10/11/2012										
12/13/2012										
3/30/2013										
10/5/2015				0.0528 (o)						
4/26/2018										
10/16/2018	0.00757 (o)	0.0066 (o)					0.00896 (o)	0.0112 (o)		0.00725 (o)
10/7/2020	0.0448 (o)		0.0182 (o)		0.07 (o)				0.053 (o)	
4/29/2024			0.207 (o)			0.0633 (o)				
2/25/2025										

	WT-2 Lead (mg/L)	WT-3 Lead (mg/L)	WT-4 Lead (mg/L)	WT-1 Nickel (mg/L)	WT-2 Nickel (mg/L)	WT-3 Nickel (mg/L)	WT-3 Selenium (mg/L)	WT-4 Selenium (mg/L)	WT-OF Selenium (mg/L)	WT-3 Silver (mg/L)
4/11/2012										
8/1/2012					0.0676 (o)					
10/11/2012										
12/13/2012						0.183 (o)				
3/30/2013		0.0181 (o)								
10/5/2015					0.094 (o)					
4/26/2018								0.00457 (Jo)		
10/16/2018	0.00754 (o)	0.00354 (o)	0.00281 (o)							
10/7/2020		0.0321 (o)				0.134 (o)	0.0311 (o)			<0.02 (o)
4/29/2024				0.129 (o)						
2/25/2025									0.0171 (o)	

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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 10:48 AM

	WT-4 Silver (mg/L)	WT-2 Thallium (mg/L)	WT-3 Thallium (mg/L)	WT-1 Vanadium (mg/L)	WT-2 Vanadium (mg/L)	WT-3 Vanadium (mg/L)	WT-4 Vanadium (mg/L)	WT-3 Zinc (mg/L)	WT-4 Zinc (mg/L)
4/11/2012	<0.02 (o)								
8/1/2012		0.00251 (o)							
10/11/2012									
12/13/2012								0.258 (o)	
3/30/2013								0.861 (o)	
10/5/2015									
4/26/2018									<0.08 (o)
10/16/2018				0.0213 (o)	0.0244 (o)	0.0128 (o)	0.0144 (o)		
10/7/2020			<0.02 (o)			0.128 (o)		0.419 (o)	
4/29/2024									
2/25/2025									

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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 12:21 PM

	WT-2 1,1,1,2-Tetrachloroethane (ug/L)	WT-3 1,1,1,2-Tetrachloroethane (ug/L)	WT-2 1,1,1-Trichloroethane (ug/L)	WT-3 1,1,1-Trichloroethane (ug/L)	WT-2 1,1,2,2-Tetrachloroethane (ug/L)	WT-3 1,1,2,2-Tetrachloroethane (ug/L)	WT-2 1,1,2-Trichloroethane (ug/L)	WT-3 1,1,2-Trichloroethane (ug/L)	WT-2 1,1-Dichloroethane (ug/L)	WT-3 1,1-Dichloroethane (ug/L)
10/25/2009										
3/3/2010										
5/10/2010										
7/8/2011										
10/13/2011										
4/11/2012										
8/1/2012										
12/13/2012		<25 (o)		<25 (o)		<25 (o)		<25 (o)		<25 (o)
3/30/2013										
10/5/2015	<10 (o)		<10 (o)		<10 (o)		<10 (o)		<10 (o)	
4/13/2021										
10/20/2021							0.5 (Jo)			
5/1/2023										
4/29/2024										

	WT-2 1,1-Dichloroethene (ug/L)	WT-3 1,1-Dichloroethene (ug/L)	WT-2 1,2,3-Trichloropropane (ug/L)	WT-3 1,2,3-Trichloropropane (ug/L)	WT-3 1,2-Dibromo-3-Chloropropane (ug/L)	WT-3 1,2-Dibromoethane [EDB] (ug/L)	WT-2 1,2-Dichlorobenzene (ug/L)	WT-3 1,2-Dichlorobenzene (ug/L)	WT-2 1,2-Dichloroethane (ug/L)	WT-3 1,2-Dichloroethane (ug/L)
10/25/2009										
3/3/2010										
5/10/2010										
7/8/2011										
10/13/2011										
4/11/2012										
8/1/2012										
12/13/2012		<50 (o)		<25 (o)	<250 (o)	<250 (o)		<25 (o)		<25 (o)
3/30/2013										
10/5/2015	<20 (o)		<10 (o)				<10 (o)		<10 (o)	
4/13/2021										
10/20/2021										
5/1/2023										
4/29/2024										

Flagged Outliers

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 12:21 PM

	WT-2 1,2-Dichloropropane (ug/L)	WT-3 1,2-Dichloropropane (ug/L)	WT-2 1,4-Dichlorobenzene (ug/L)	WT-3 1,4-Dichlorobenzene (ug/L)	WT-1 2-Butanone [MEK] (ug/L)	WT-2 2-Butanone [MEK] (ug/L)	WT-3 2-Butanone [MEK] (ug/L)	WT-2 2-Hexanone (ug/L)	WT-3 2-Hexanone (ug/L)	WT-2 4-Methyl-2-pentanone [MIBK] (ug/L)
10/25/2009										
3/3/2010										
5/10/2010										
7/8/2011										
10/13/2011										
4/11/2012										
8/1/2012										71.5 (o)
12/13/2012		<25 (o)		<25 (o)			<250 (o)		<250 (o)	
3/30/2013										
10/5/2015	<10 (o)		<10 (o)			<100 (o)		<100 (o)		<100 (o)
4/13/2021										
10/20/2021										
5/1/2023										
4/29/2024					32.7 (o)					

	WT-3 4-Methyl-2-pentanone [MIBK] (ug/L)	WT-1 Acetone (ug/L)	WT-2 Acetone (ug/L)	WT-3 Acetone (ug/L)	WT-2 Acrylonitrile (ug/L)	WT-3 Acrylonitrile (ug/L)	WT-2 Benzene (ug/L)	WT-3 Benzene (ug/L)	WT-2 Bromochloromethane (ug/L)	WT-3 Bromochloromethane (ug/L)
10/25/2009										
3/3/2010		86.2 (o)	23.7 (o)							
5/10/2010										
7/8/2011										
10/13/2011										
4/11/2012										
8/1/2012			45 (o)				1.94 (o)			
12/13/2012	<250 (o)			<250 (o)		<250 (o)		53.5 (o)		<125 (o)
3/30/2013	22.7 (o)							14.1 (o)		
10/5/2015			<100 (o)		<100 (o)		1.53 (Jo)		<50 (o)	
4/13/2021							2.4 (o)			
10/20/2021										
5/1/2023										
4/29/2024		43.7 (o)								

Flagged Outliers

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 12:21 PM

	WT-2 Bromodichloromethane (ug/L)	WT-3 Bromodichloromethane (ug/L)	WT-4 Bromodichloromethane (ug/L)	ST-1 Bromoform (ug/L)	WT-1 Bromoform (ug/L)	WT-2 Bromoform (ug/L)	WT-3 Bromoform (ug/L)	WT-1 Bromomethane (ug/L)	WT-2 Bromomethane (ug/L)	WT-3 Bromomethane (ug/L)
10/25/2009						<10 (o)				
3/3/2010										
5/10/2010				<20 (o)	<20 (o)	<20 (o)				
7/8/2011										
10/13/2011								<20 (o)	<20 (o)	
4/11/2012										
8/1/2012										
12/13/2012		<25 (o)					<125 (o)			<100 (o)
3/30/2013										
10/5/2015	<10 (o)					<50 (o)			<40 (o)	
4/13/2021										
10/20/2021										
5/1/2023		1.96 (o)	2.02 (o)							
4/29/2024										

	WT-2 Carbon Disulfide (ug/L)	WT-3 Carbon Disulfide (ug/L)	WT-2 Carbon Tetrachloride (ug/L)	WT-3 Carbon Tetrachloride (ug/L)	WT-2 Chlorobenzene (ug/L)	WT-3 Chlorobenzene (ug/L)	WT-2 Chlorodibromomethane (ug/L)	WT-3 Chlorodibromomethane (ug/L)	WT-2 Chloroethane (ug/L)	WT-3 Chloroethane (ug/L)
10/25/2009										
3/3/2010										
5/10/2010										
7/8/2011										
10/13/2011										
4/11/2012										
8/1/2012										
12/13/2012		<25 (o)		<50 (o)		<25 (o)		<125 (o)		<100 (o)
3/30/2013		6.23 (o)		8.39 (o)						
10/5/2015	<10 (o)		<20 (o)		<10 (o)		<50 (o)		<40 (o)	
4/13/2021										
10/20/2021										
5/1/2023								1.38 (Jo)		
4/29/2024										

Flagged Outliers

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 12:21 PM

	WT-2 Chloroform (ug/L)	WT-3 Chloroform (ug/L)	WT-4 Chloroform (ug/L)	WT-2 Chloromethane (ug/L)	WT-3 Chloromethane (ug/L)	WT-2 cis-1,2-Dichloroethene (ug/L)	WT-3 cis-1,2-Dichloroethene (ug/L)	WT-2 cis-1,3-Dichloropropene (ug/L)	WT-3 cis-1,3-Dichloropropene (ug/L)	WT-2 Dibromomethane (ug/L)
10/25/2009										
3/3/2010										
5/10/2010										
7/8/2011										
10/13/2011										
4/11/2012										
8/1/2012										
12/13/2012		<25 (o)			<75 (o)		<25 (o)		<125 (o)	
3/30/2013										
10/5/2015	6.38 (Jo)			<30 (o)		<10 (o)		<50 (o)		<10 (o)
4/13/2021										
10/20/2021										
5/1/2023		6.75 (o)	8.17 (o)							
4/29/2024										

	WT-3 Dibromomethane (ug/L)	WT-2 Ethylbenzene (ug/L)	WT-3 Ethylbenzene (ug/L)	WT-2 Iodomethane (ug/L)	WT-3 Iodomethane (ug/L)	WT-2 Methylene Chloride (ug/L)	WT-3 Methylene Chloride (ug/L)	WT-2 Styrene (ug/L)	WT-3 Styrene (ug/L)	WT-2 Tetrachloroethene (ug/L)
10/25/2009										
3/3/2010										
5/10/2010										
7/8/2011										
10/13/2011										
4/11/2012										
8/1/2012										
12/13/2012	<25 (o)		136 (o)		<250 (o)		<125 (o)		35 (o)	
3/30/2013			34.8 (o)						5.54 (o)	
10/5/2015		15.7 (o)		<100 (o)		25.5 (Jo)		<10 (o)		<10 (o)
4/13/2021										
10/20/2021										
5/1/2023										
4/29/2024										

Flagged Outliers

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 12:21 PM

	WT-3 Tetrachloroethene (ug/L)	WT-2 Toluene (ug/L)	WT-3 Toluene (ug/L)	WT-2 trans-1,2-Dichloroethene (ug/L)	WT-3 trans-1,2-Dichloroethene (ug/L)	WT-2 trans-1,3-Dichloropropene (ug/L)	WT-3 trans-1,3-Dichloropropene (ug/L)	WT-2 trans-1,4-Dichloro-2-Butene (ug/L)	WT-3 trans-1,4-Dichloro-2-Butene (ug/L)	WT-2 Trichloroethene (ug/L)
10/25/2009										
3/3/2010										
5/10/2010										
7/8/2011						<10 (o)				
10/13/2011										
4/11/2012										
8/1/2012										
12/13/2012	<25 (o)		236 (o)		<25 (o)		<125 (o)		<250 (o)	
3/30/2013			65.5 (o)							
10/5/2015		21.7 (o)		<10 (o)		<50 (o)		<100 (o)		<10 (o)
4/13/2021										
10/20/2021										
5/1/2023										
4/29/2024										

	WT-3 Trichloroethene (ug/L)	WT-2 Trichlorofluoromethane (ug/L)	WT-3 Trichlorofluoromethane (ug/L)	WT-1 Vinyl Acetate (ug/L)	WT-2 Vinyl Acetate (ug/L)	WT-3 Vinyl Acetate (ug/L)	WT-4 Vinyl Acetate (ug/L)	WT-2 Vinyl Chloride (ug/L)	WT-3 Vinyl Chloride (ug/L)	WT-2 Xylenes, Total (ug/L)
10/25/2009										
3/3/2010										
5/10/2010										
7/8/2011										
10/13/2011										
4/11/2012				<20 (o)	<20 (o)	<20 (o)	<20 (o)			
8/1/2012										
12/13/2012	<25 (o)		<100 (o)			<50 (o)			<25 (o)	
3/30/2013										
10/5/2015		<40 (o)			<100 (o)			<10 (o)		34.5 (o)
4/13/2021										
10/20/2021										
5/1/2023										
4/29/2024										

Flagged Outliers

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 12:21 PM

	WT-3 Xylenes, Total (ug/L)
10/25/2009	
3/3/2010	
5/10/2010	
7/8/2011	
10/13/2011	
4/11/2012	
8/1/2012	
12/13/2012	350 (o)
3/30/2013	67.1 (o)
10/5/2015	
4/13/2021	
10/20/2021	
5/1/2023	
4/29/2024	

Groundwater Underdrain –

Time Series

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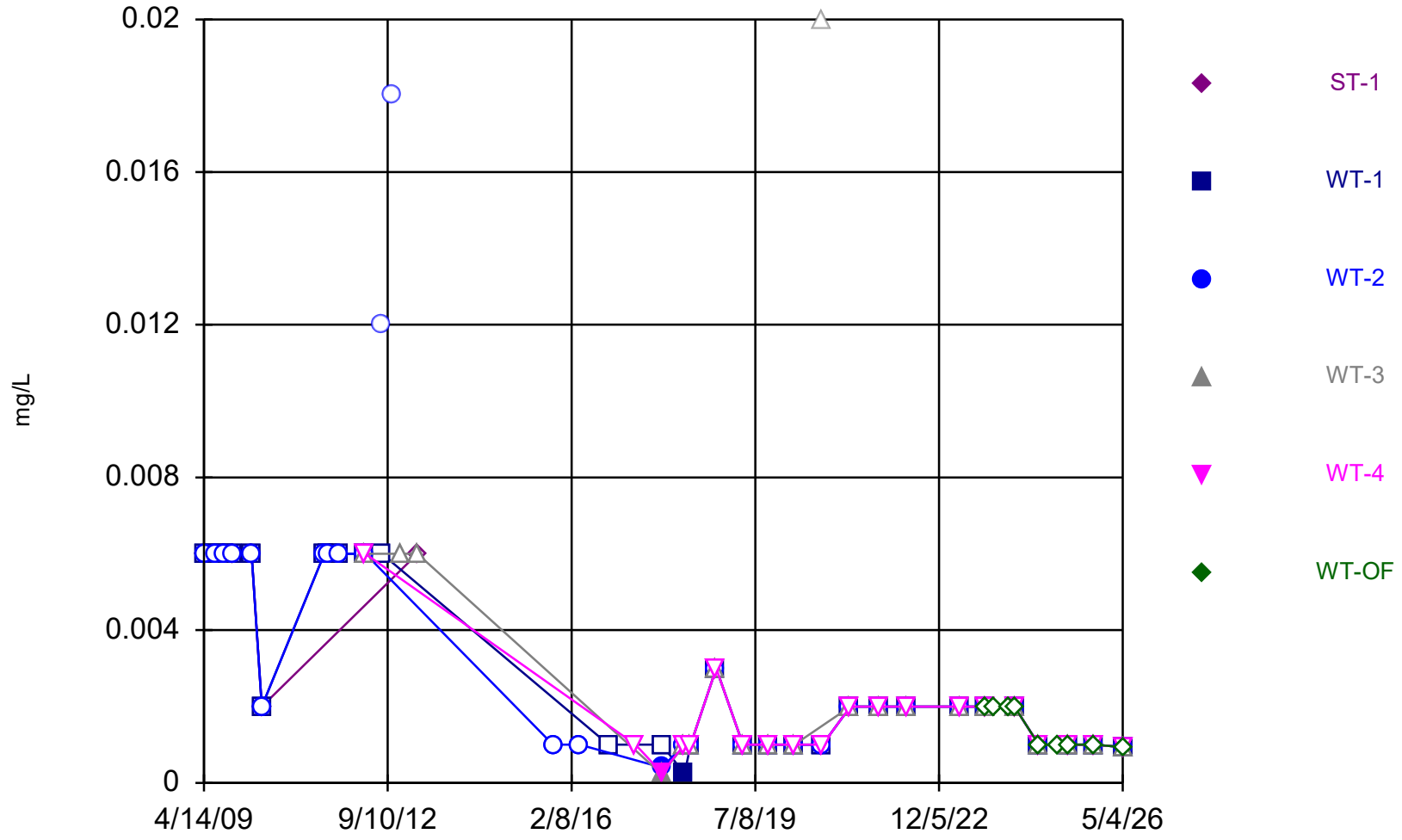
Time Series



Constituent: Antimony Analysis Run 6/30/2026 9:34 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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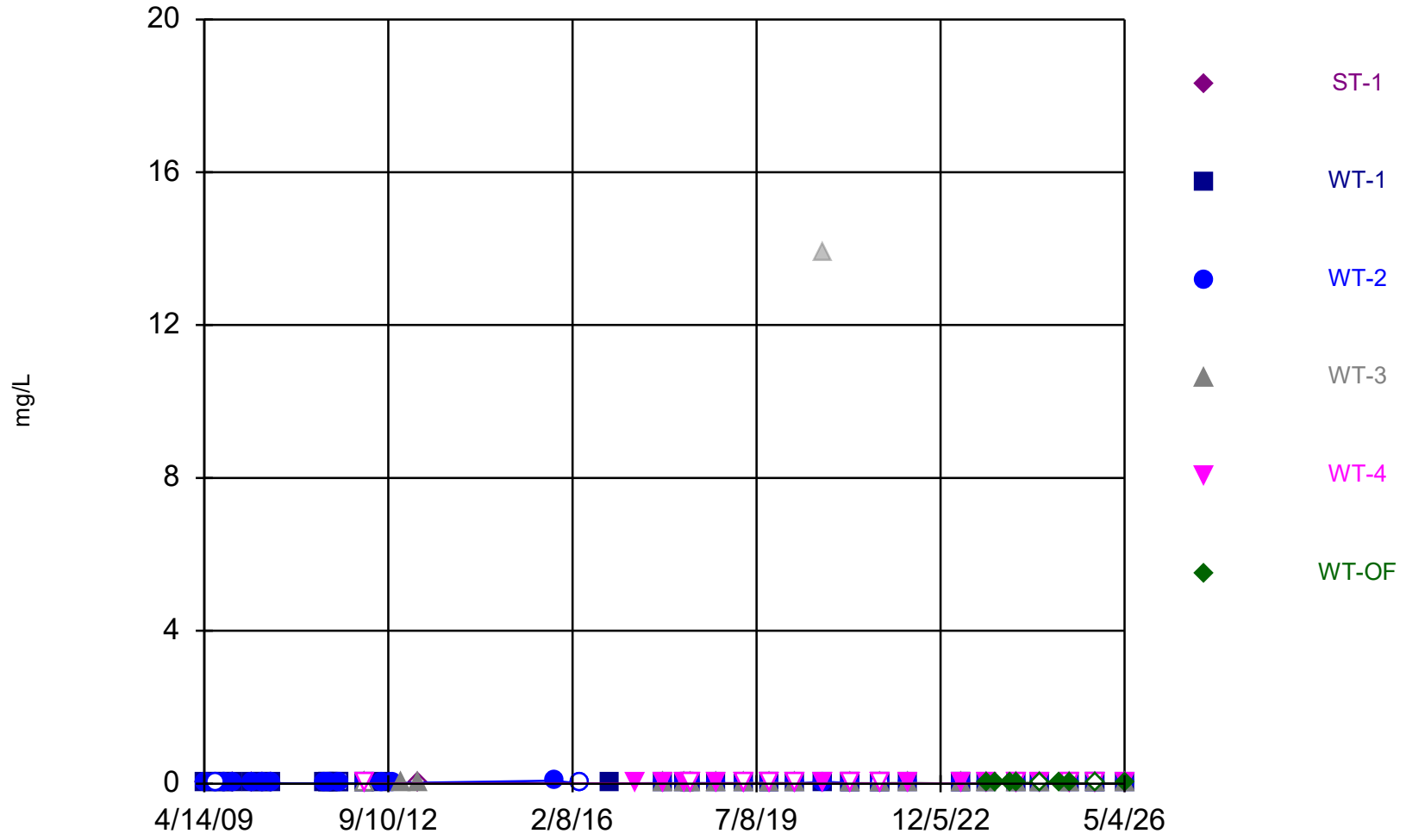
Time Series



Constituent: Arsenic Analysis Run 6/30/2026 9:34 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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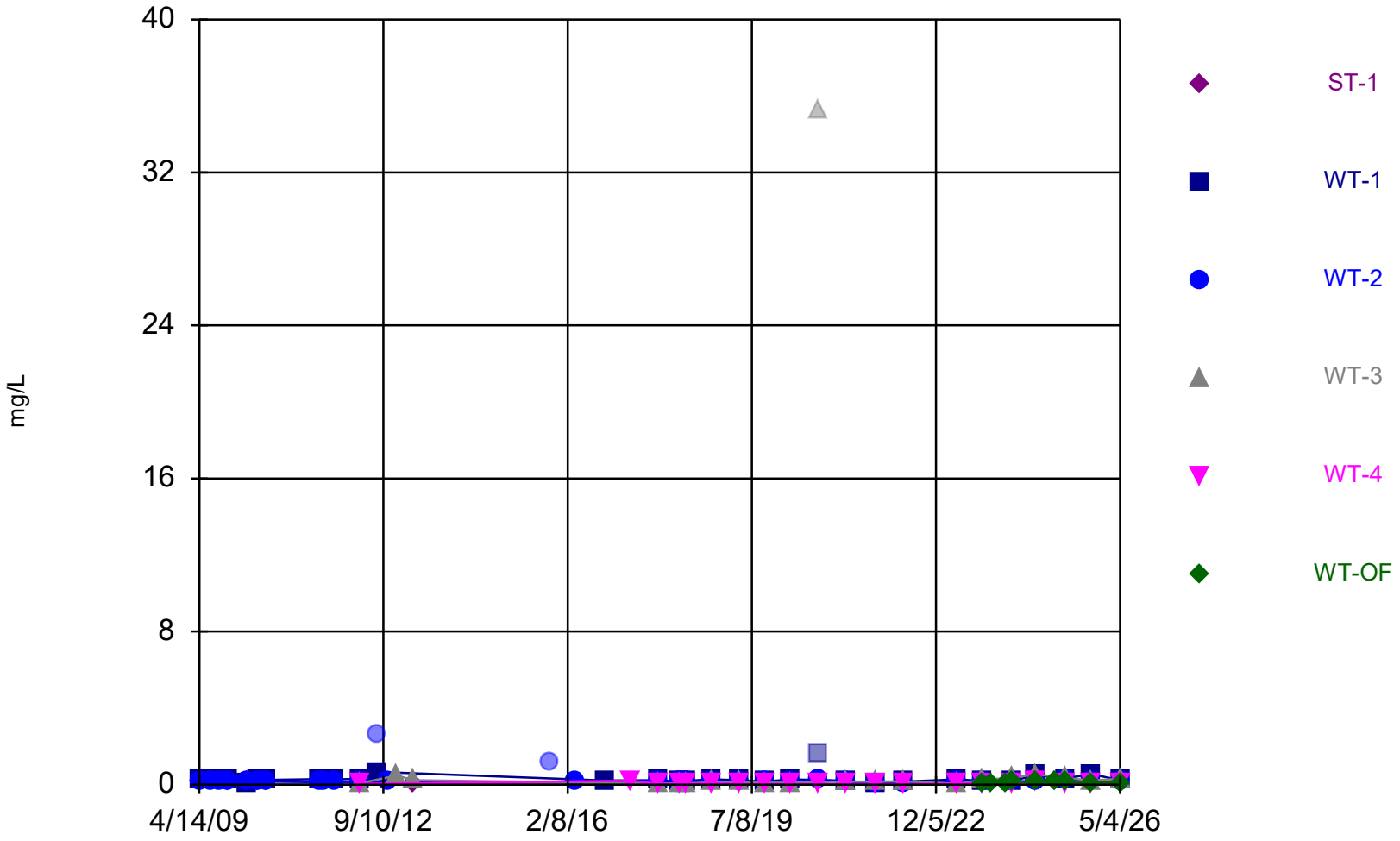
Time Series



Constituent: Barium Analysis Run 6/30/2026 9:34 AM View: 01_GU_Inorganics

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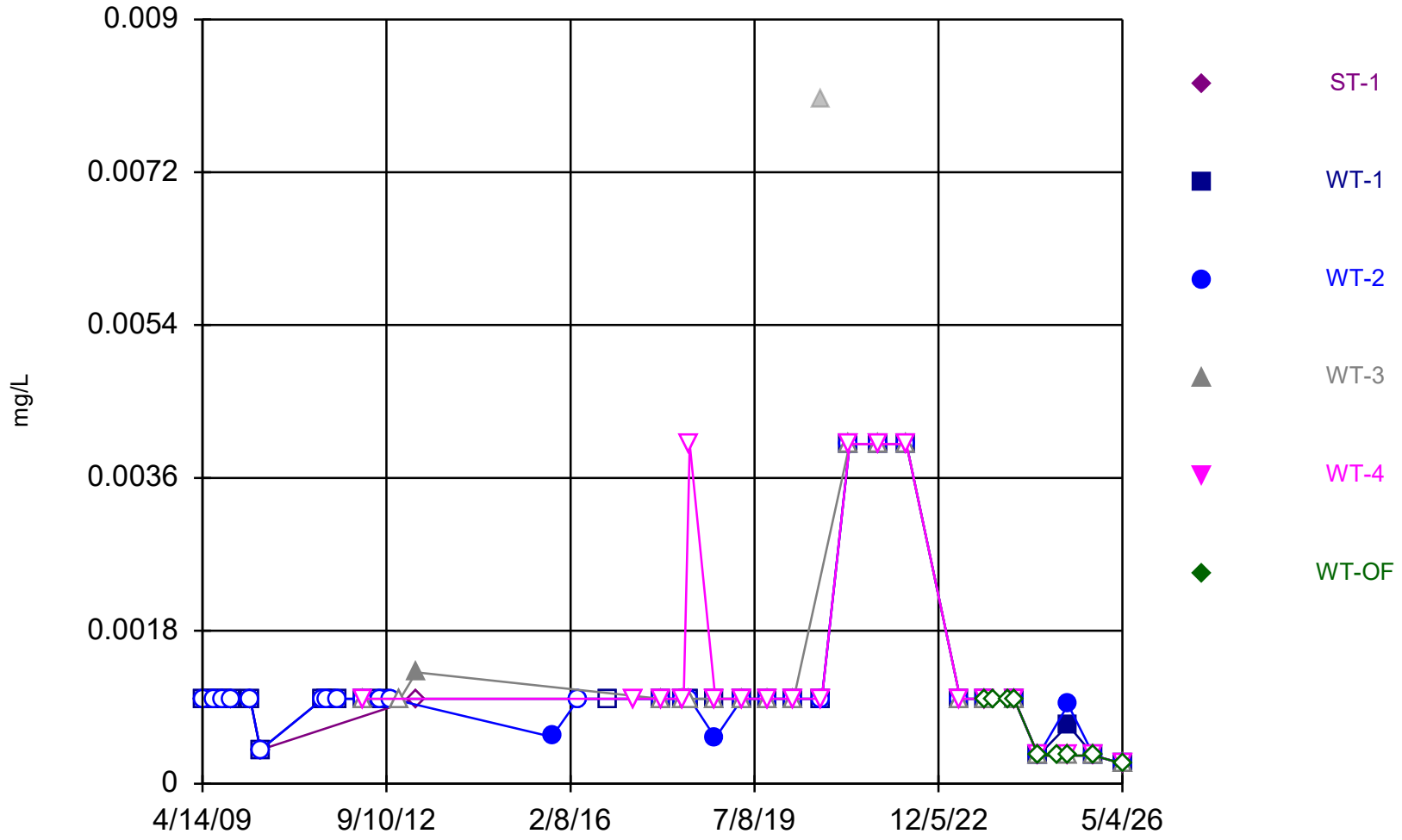
Time Series



Constituent: Beryllium Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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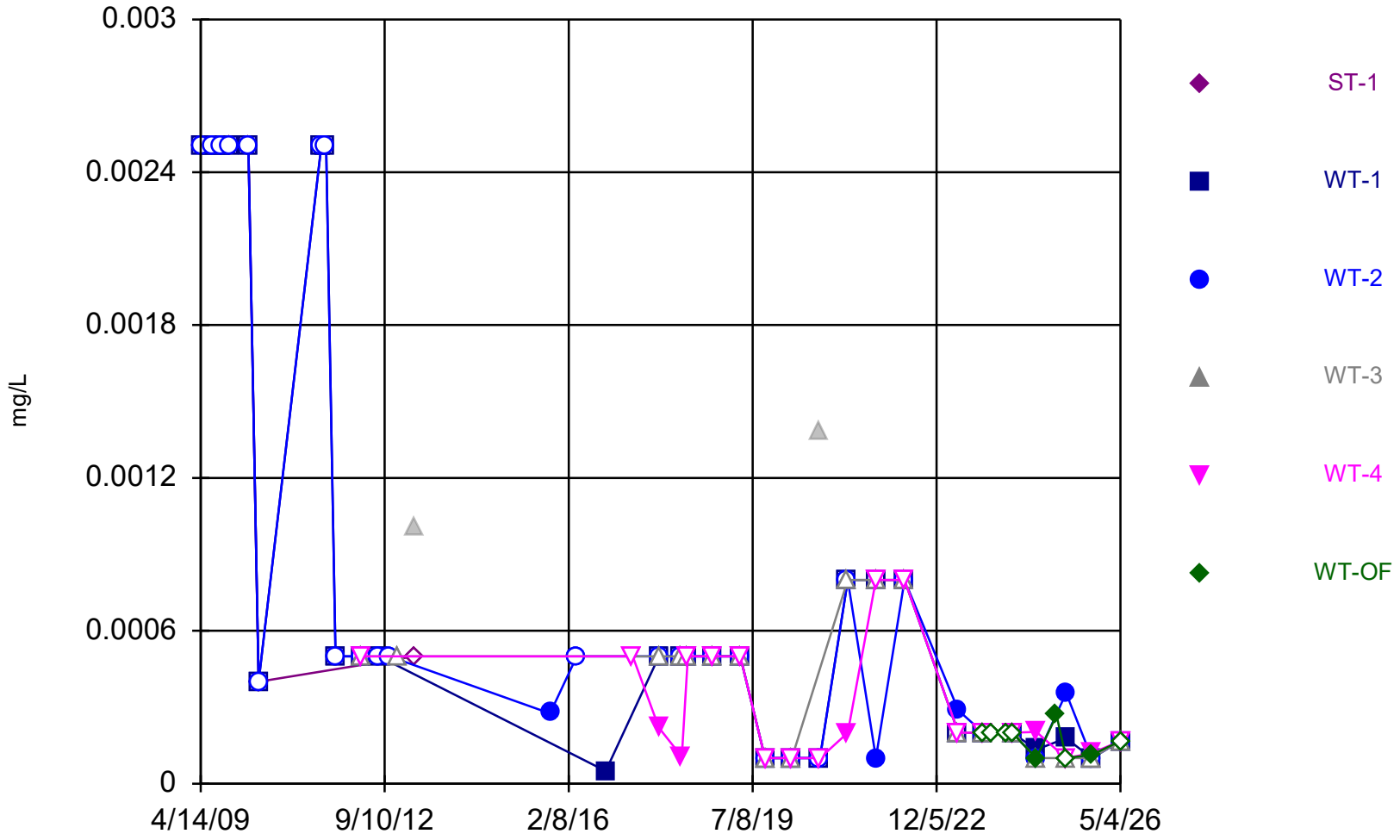
Time Series

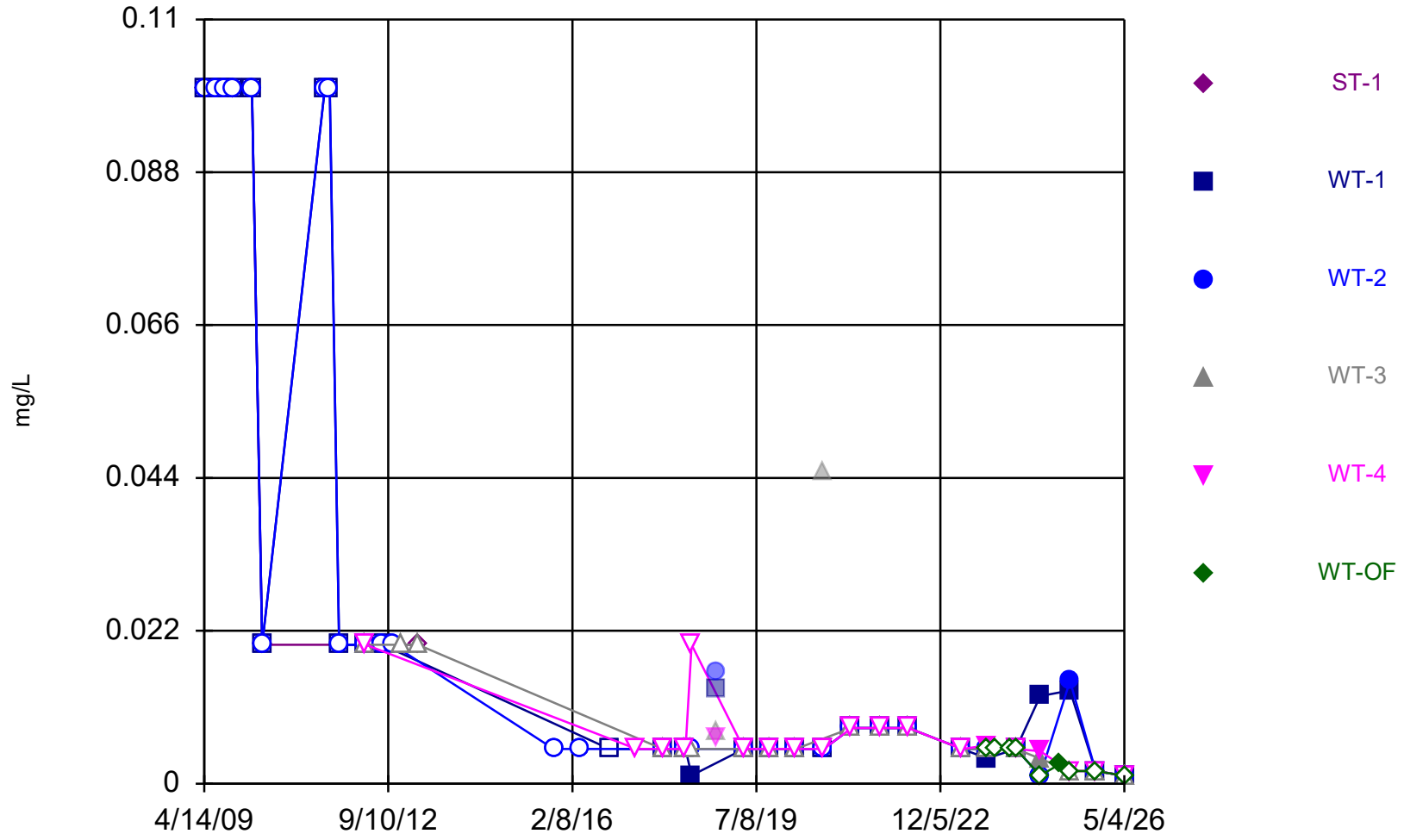


Constituent: Cadmium Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

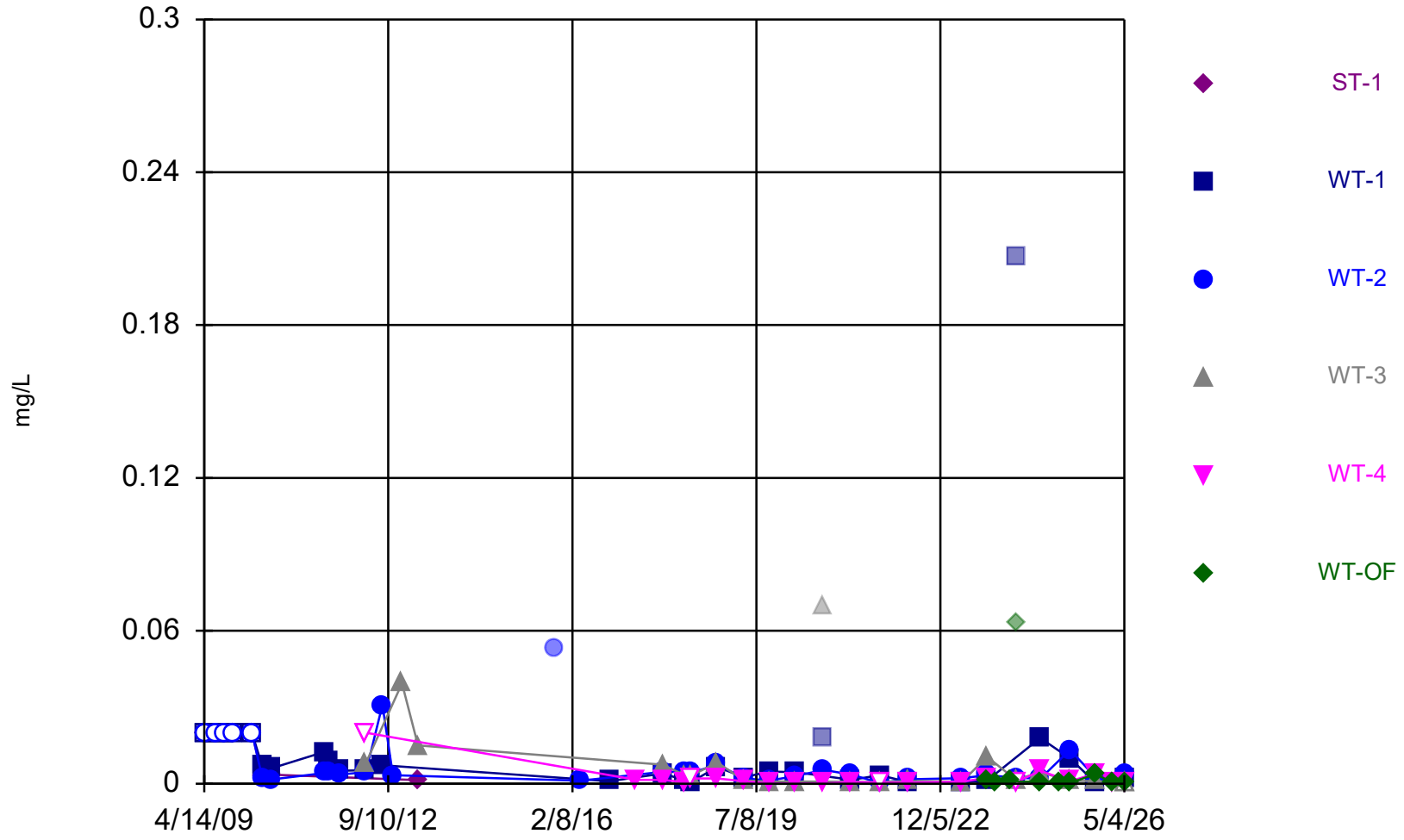


Constituent: Chromium Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

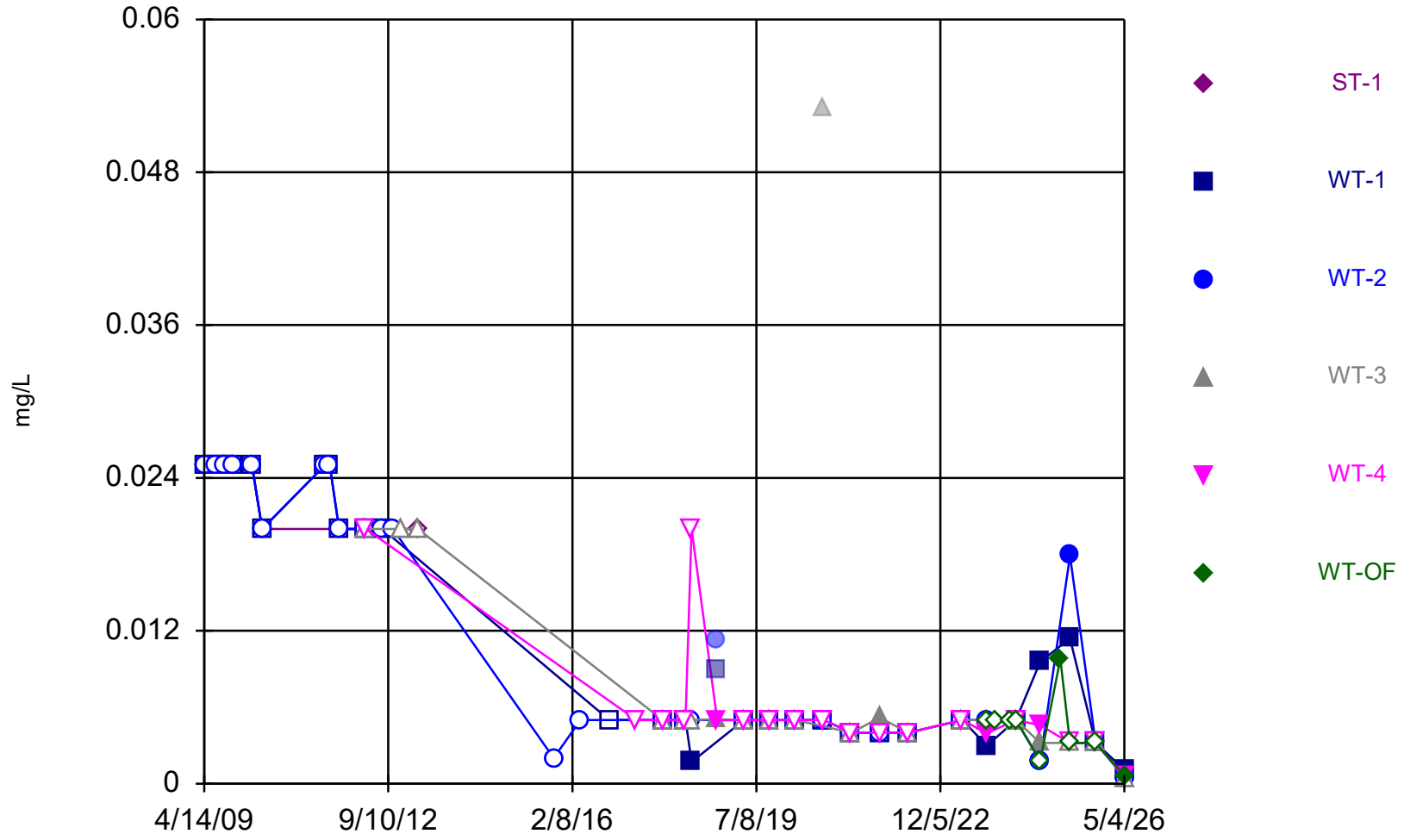


Constituent: Cobalt Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

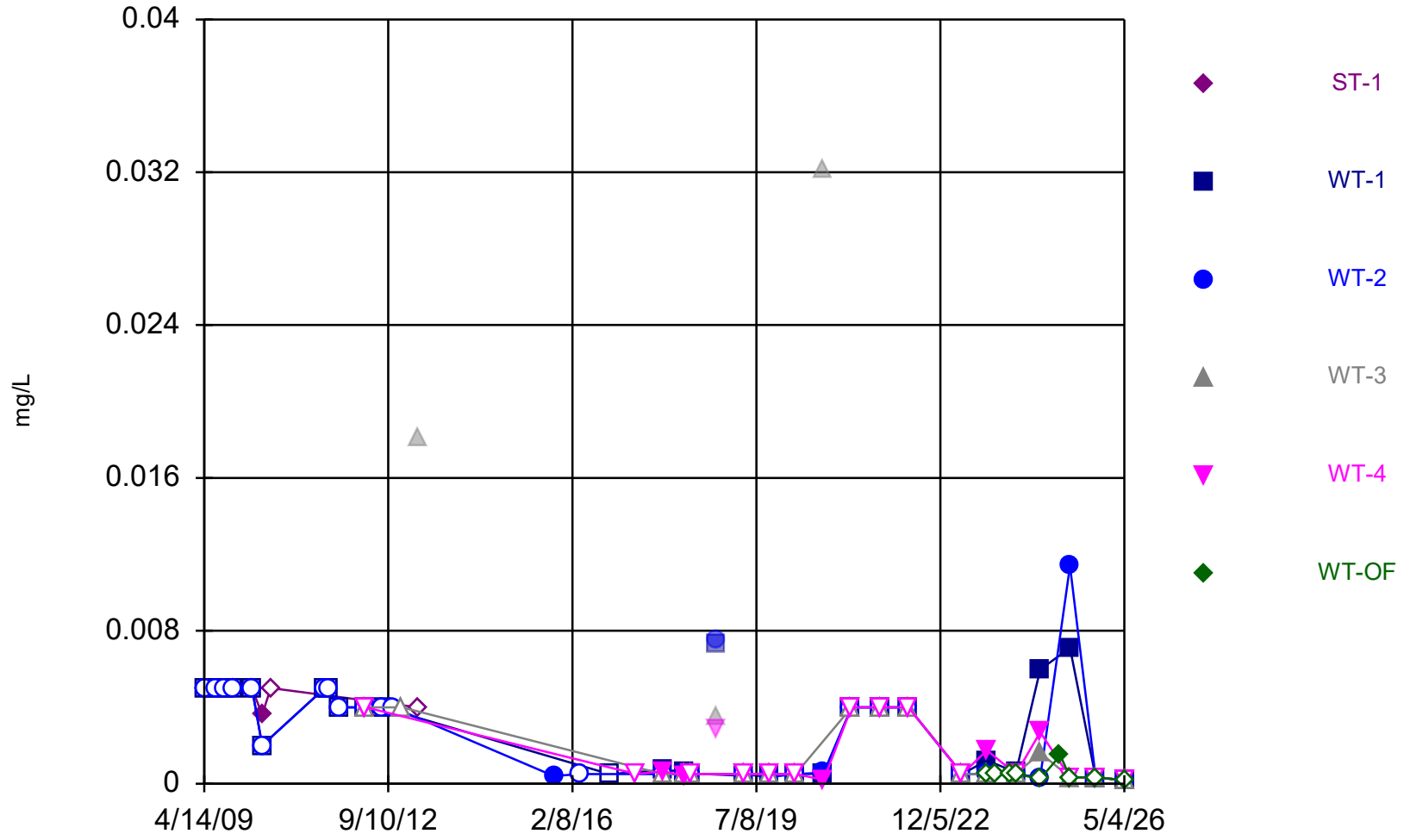


Constituent: Copper Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

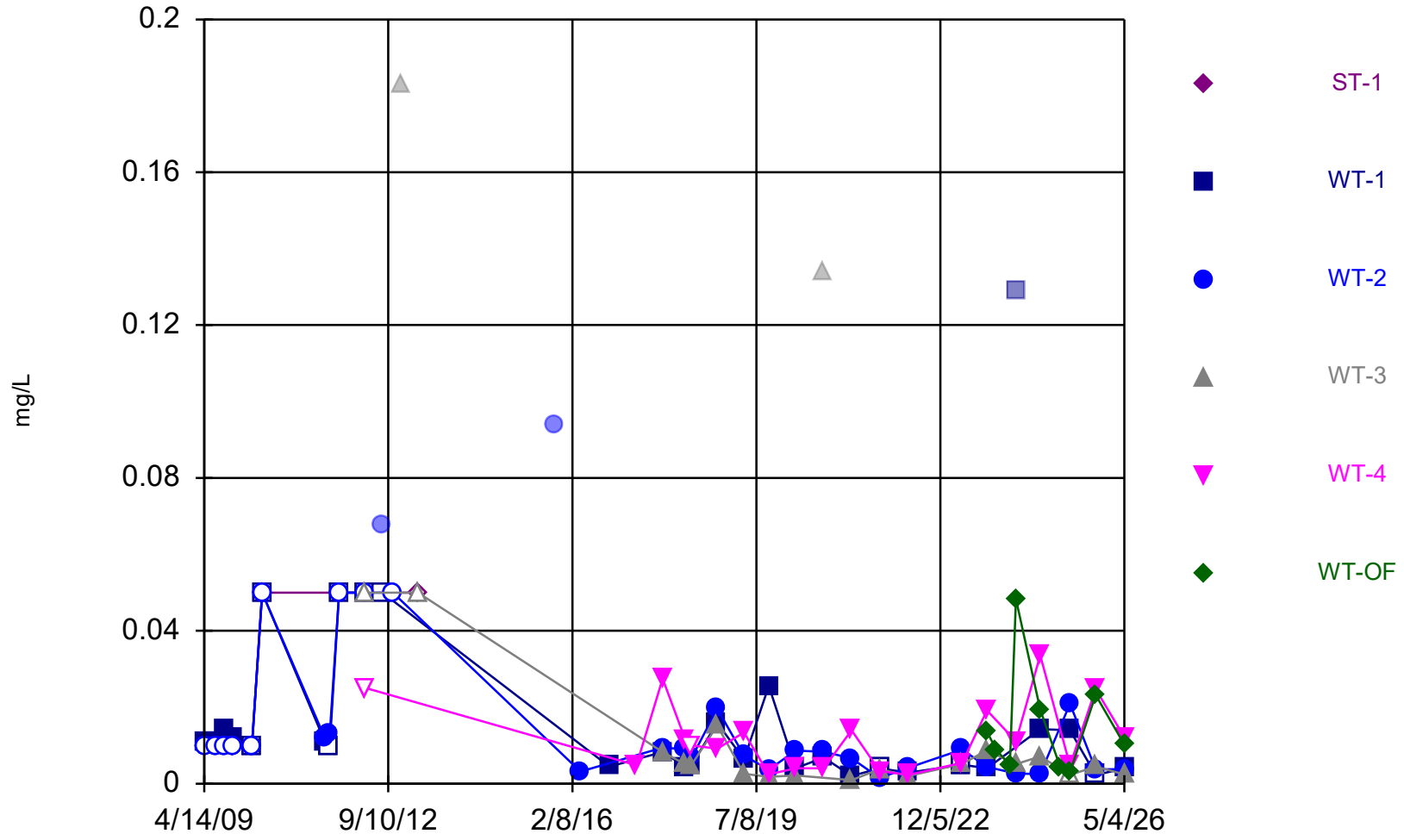


Constituent: Lead Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

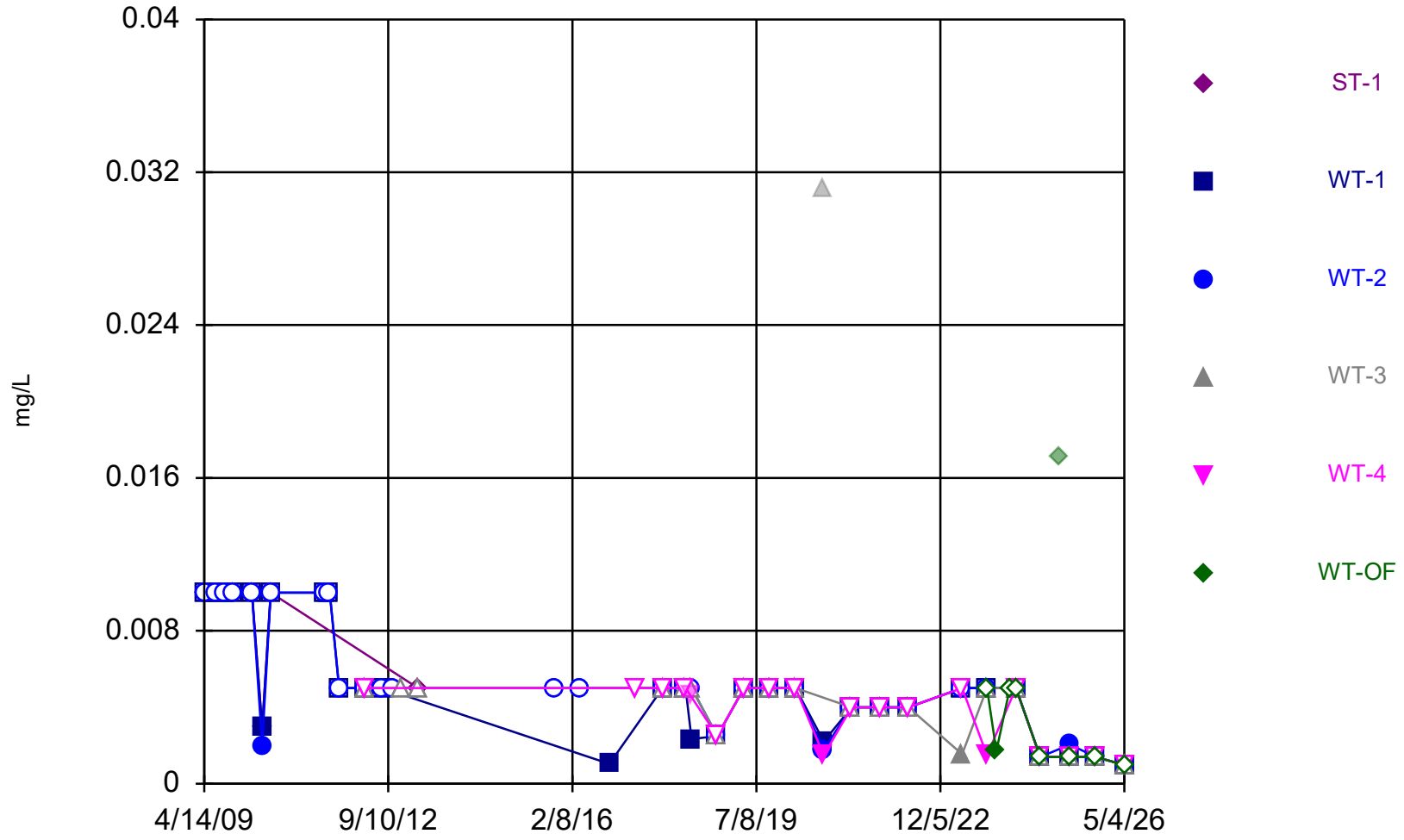


Constituent: Nickel Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

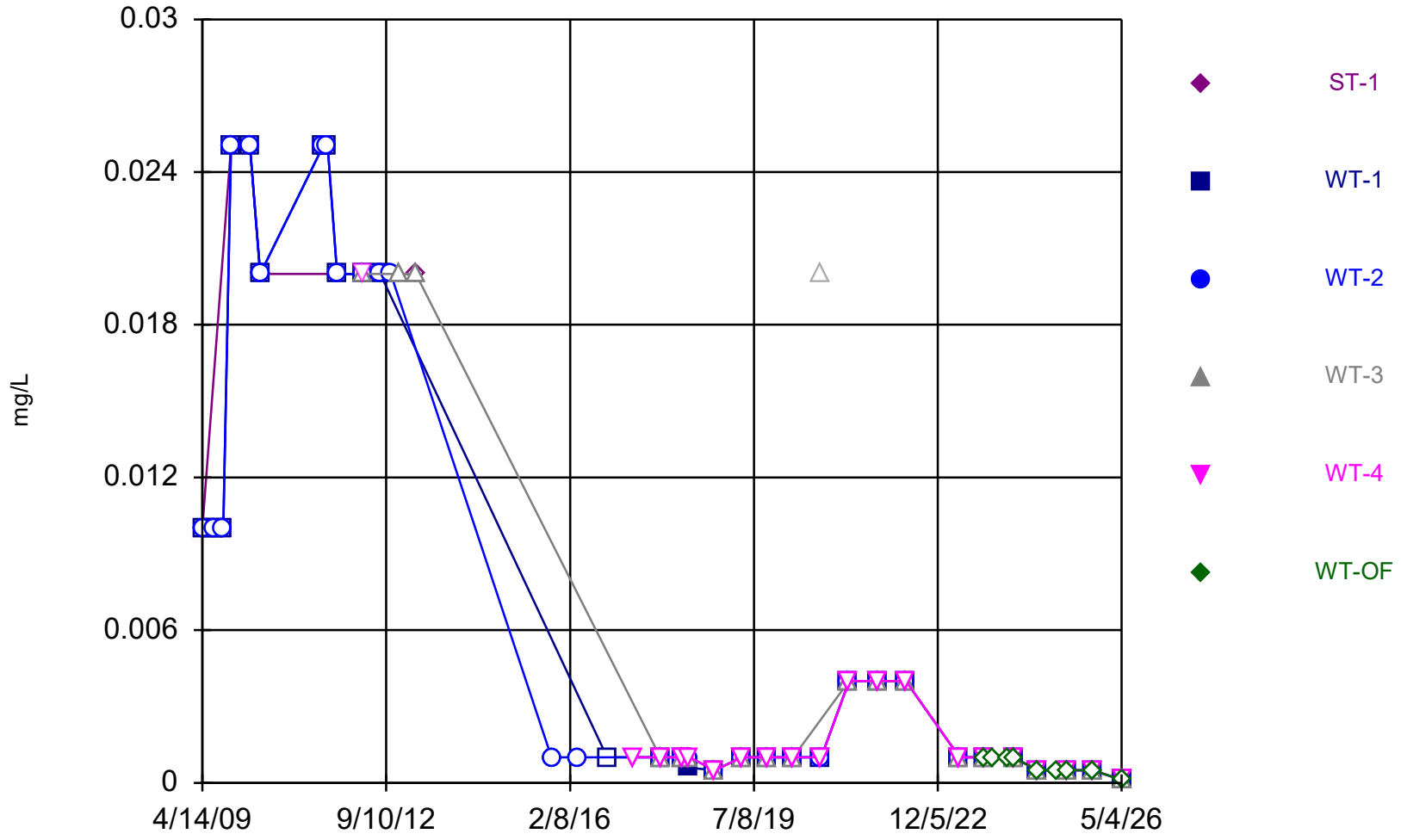


Constituent: Selenium Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

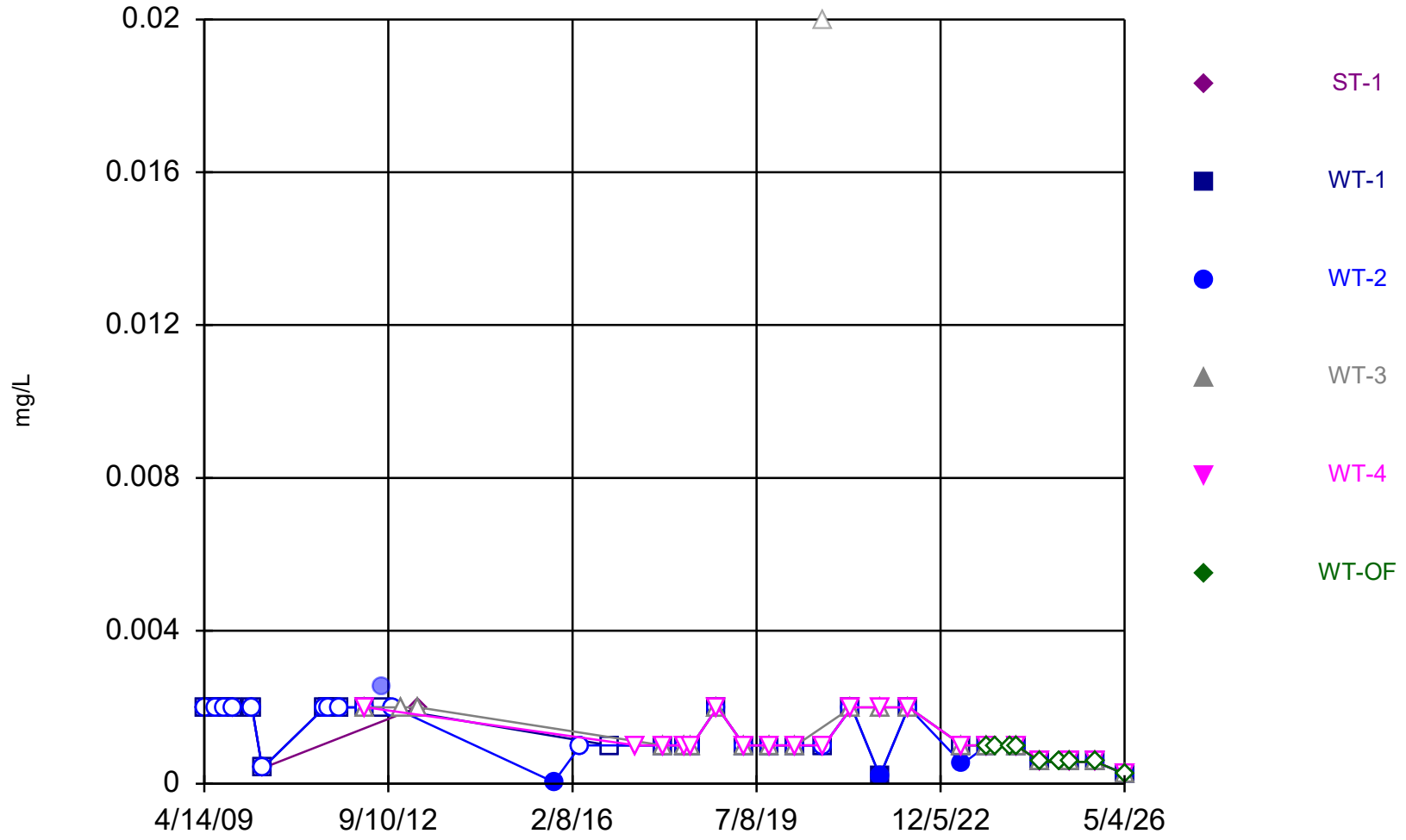


Constituent: Silver Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

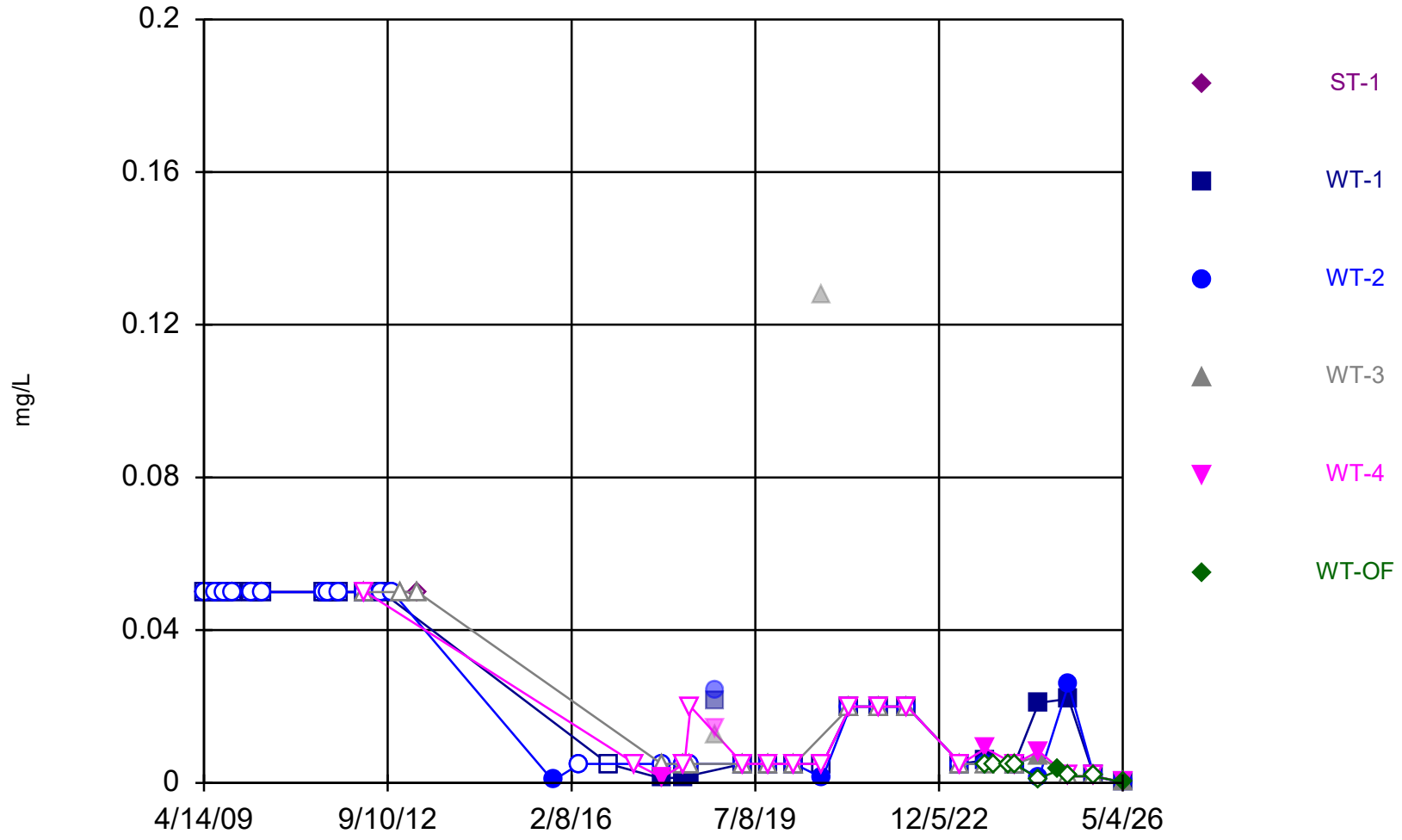


Constituent: Thallium Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

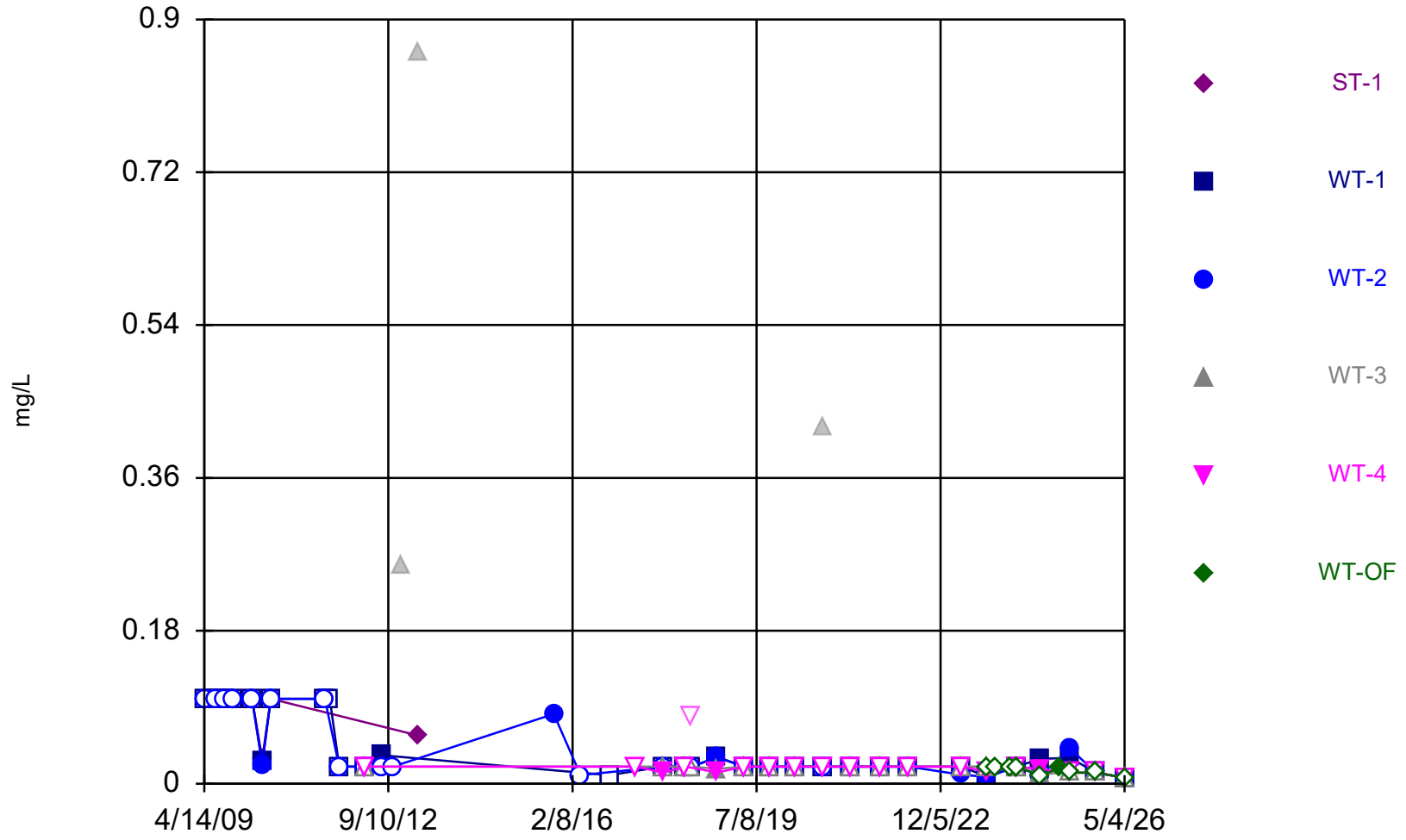


Constituent: Vanadium Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

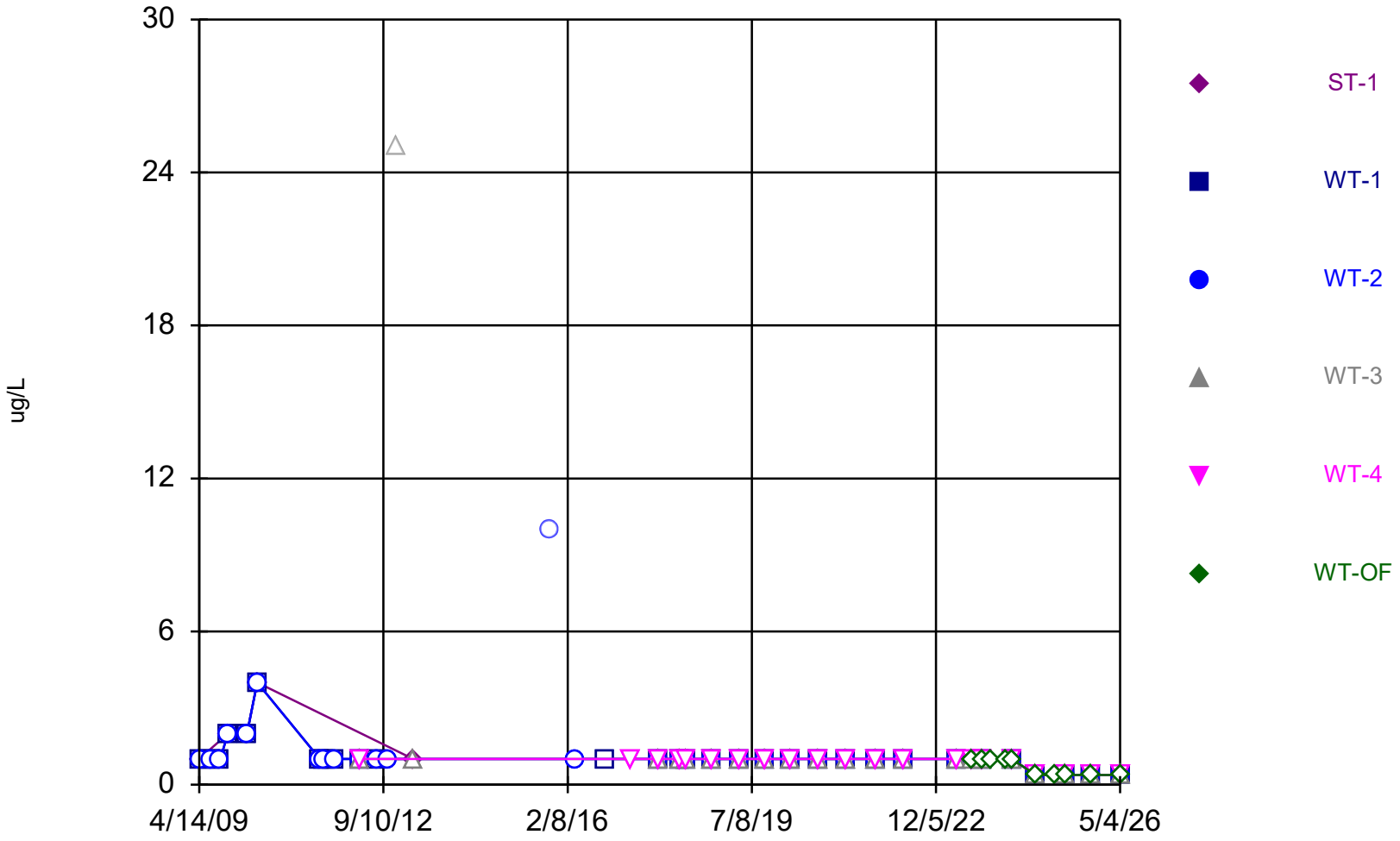


Constituent: Zinc Analysis Run 6/30/2026 9:35 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

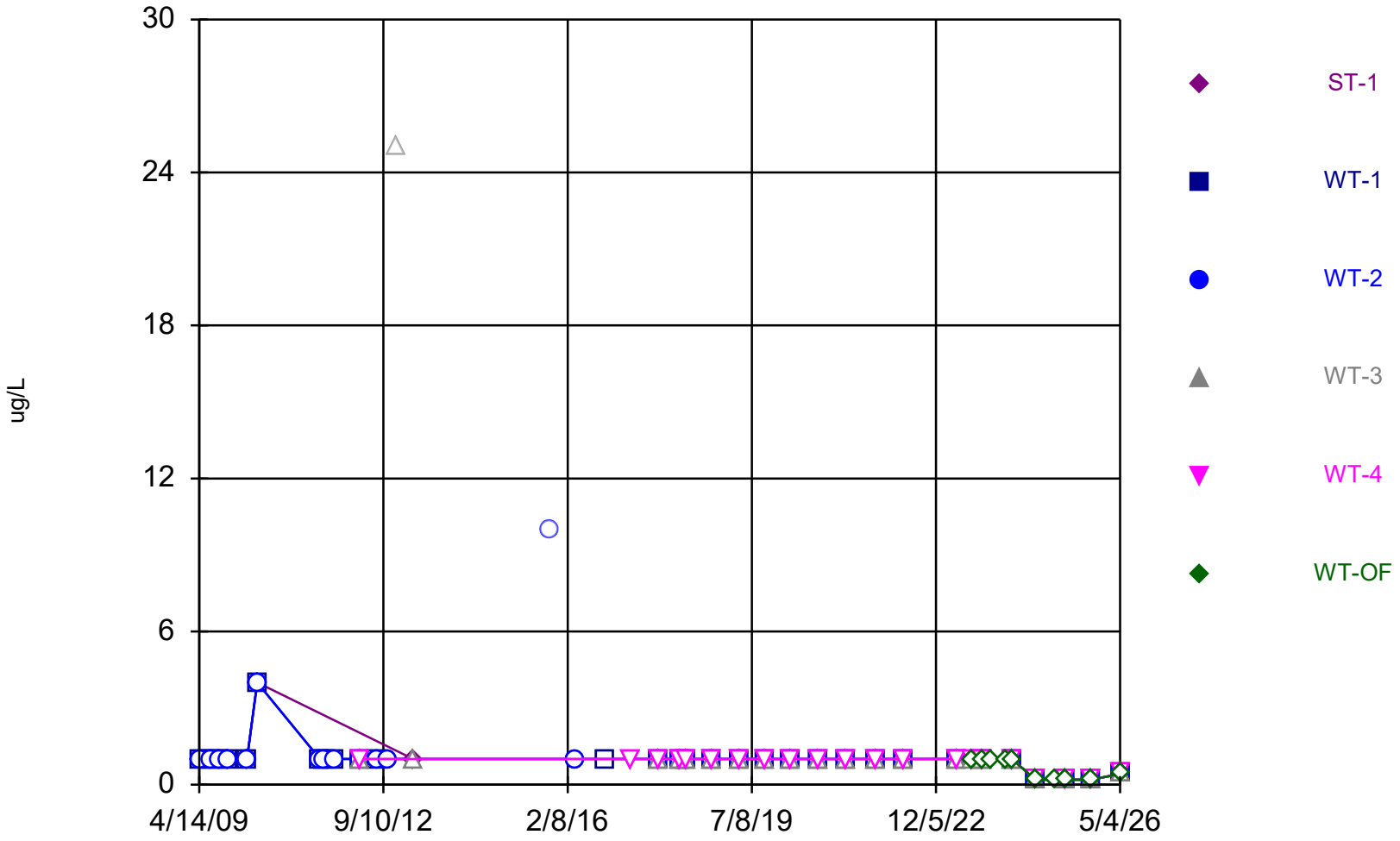


Constituent: 1,1,1,2-Tetrachloroethane Analysis Run 6/30/2026 12:10 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

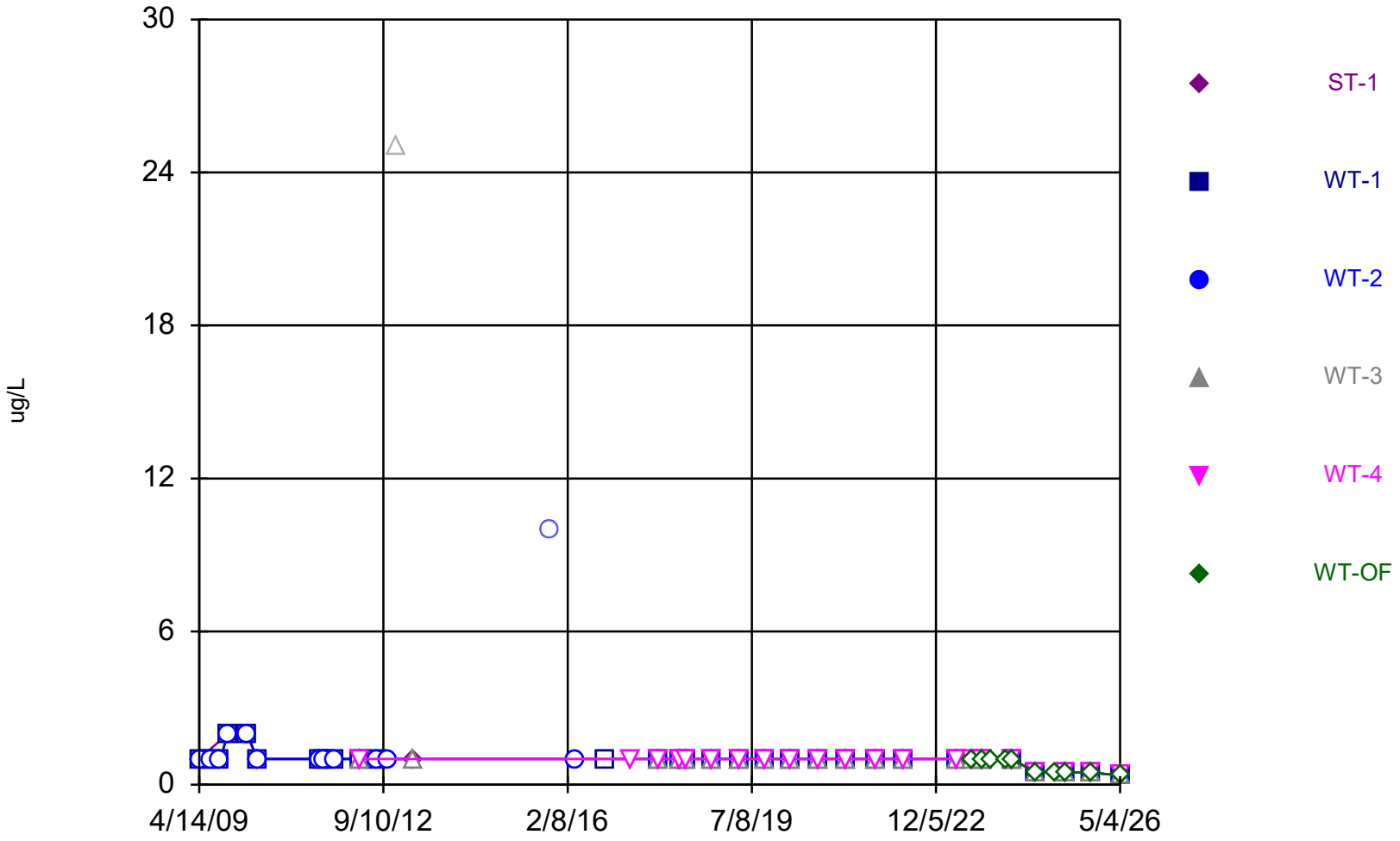


Constituent: 1,1,1-Trichloroethane Analysis Run 6/30/2026 12:10 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

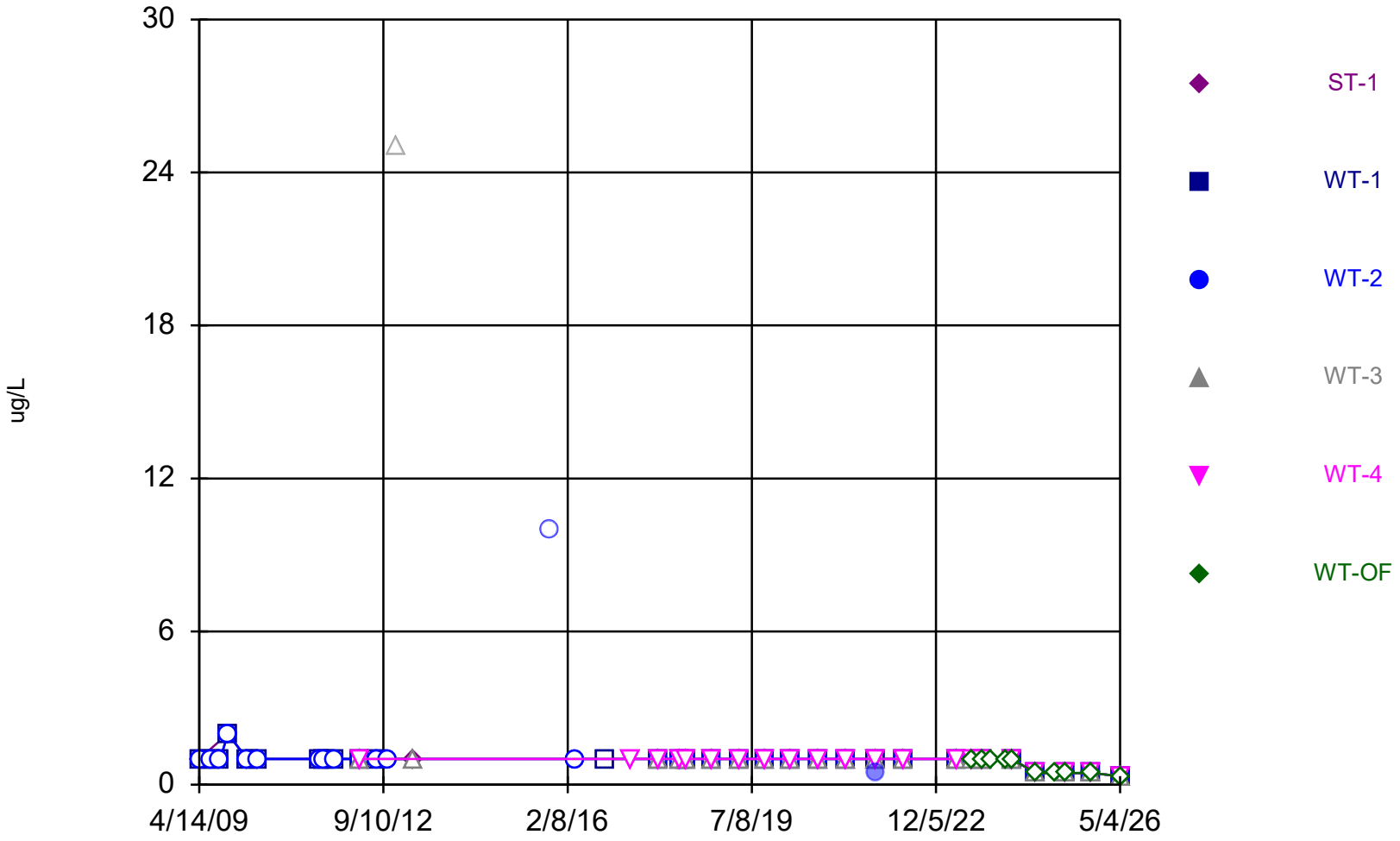


Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 6/30/2026 12:10 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

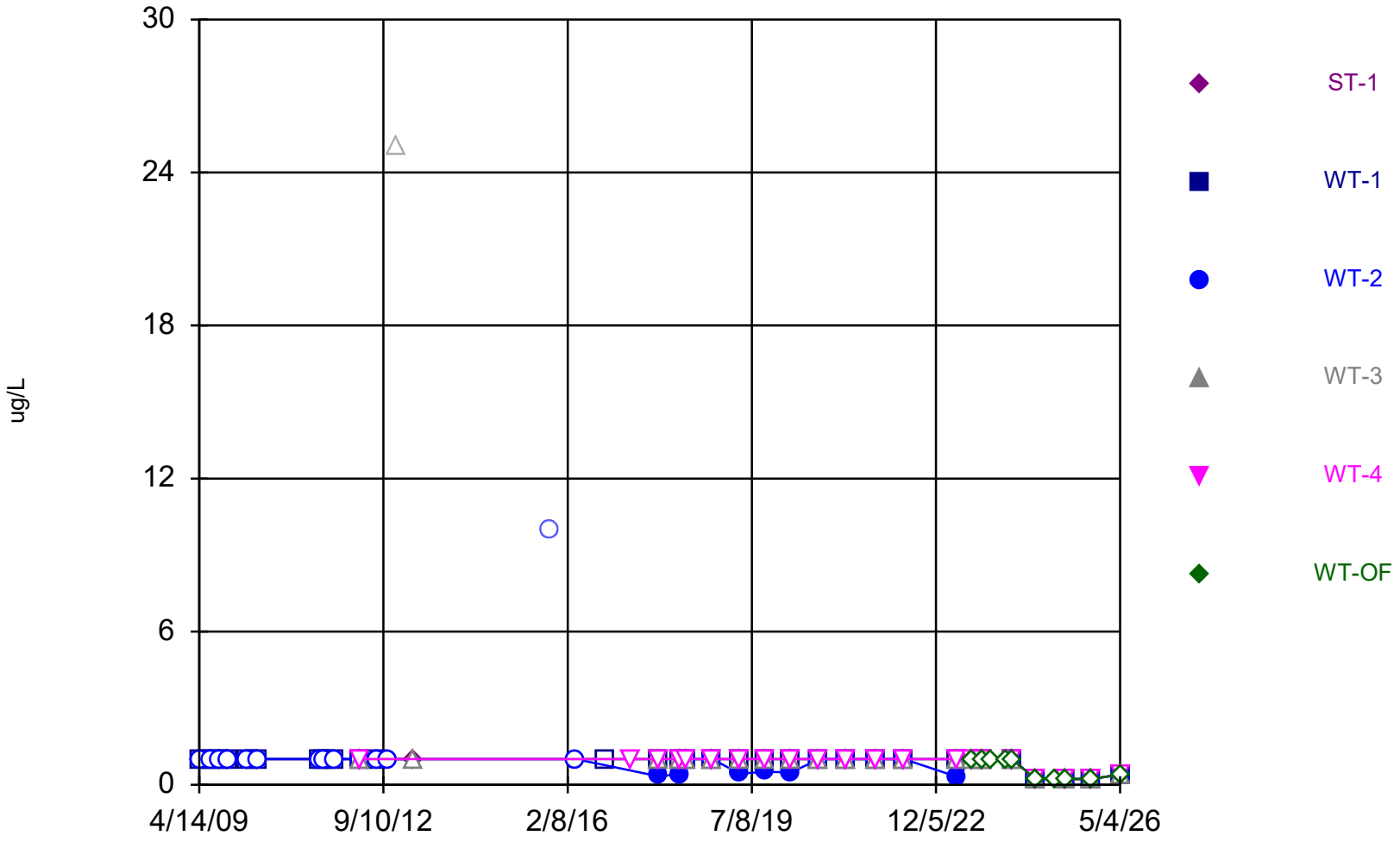


Constituent: 1,1,2-Trichloroethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

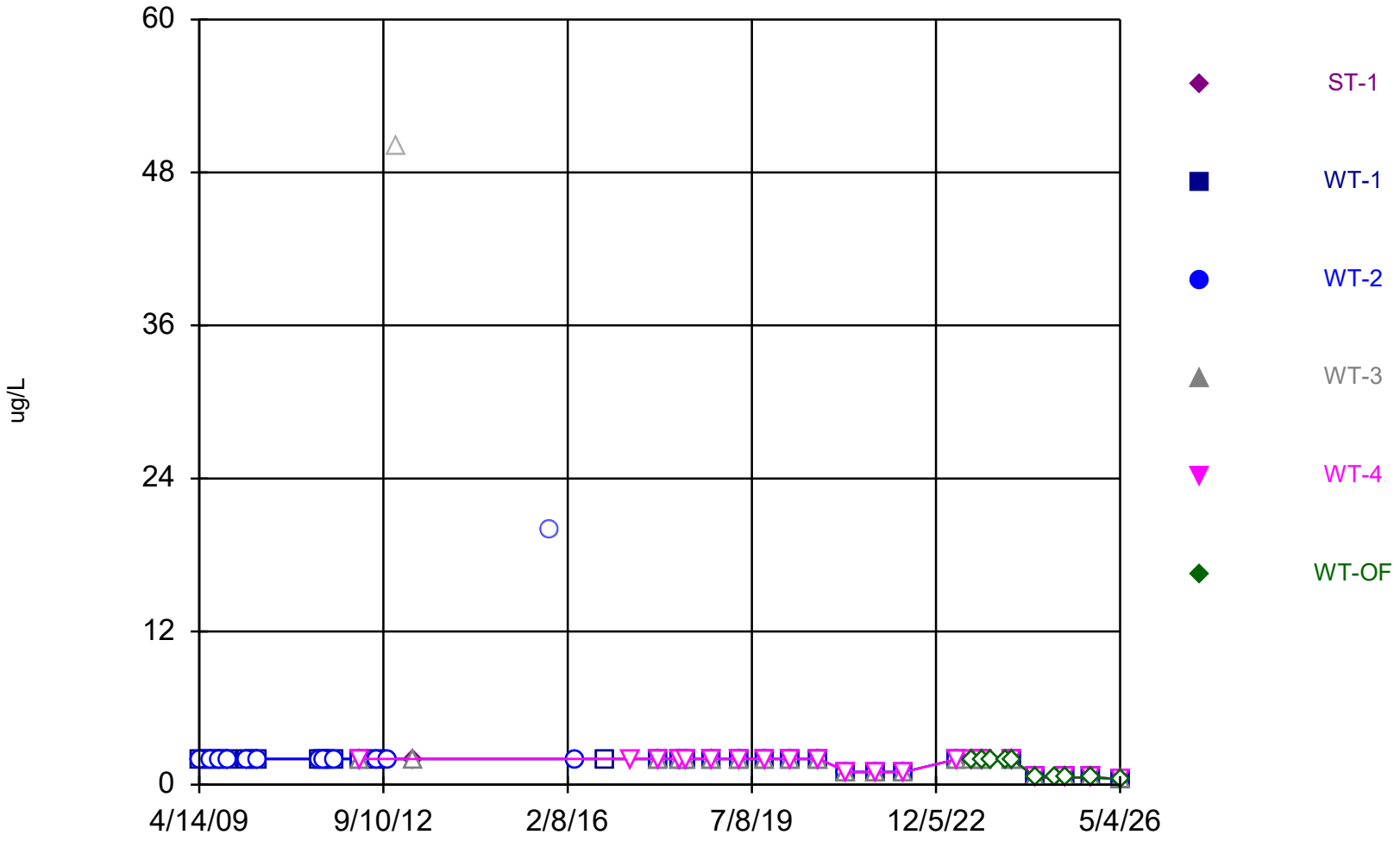


Constituent: 1,1-Dichloroethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

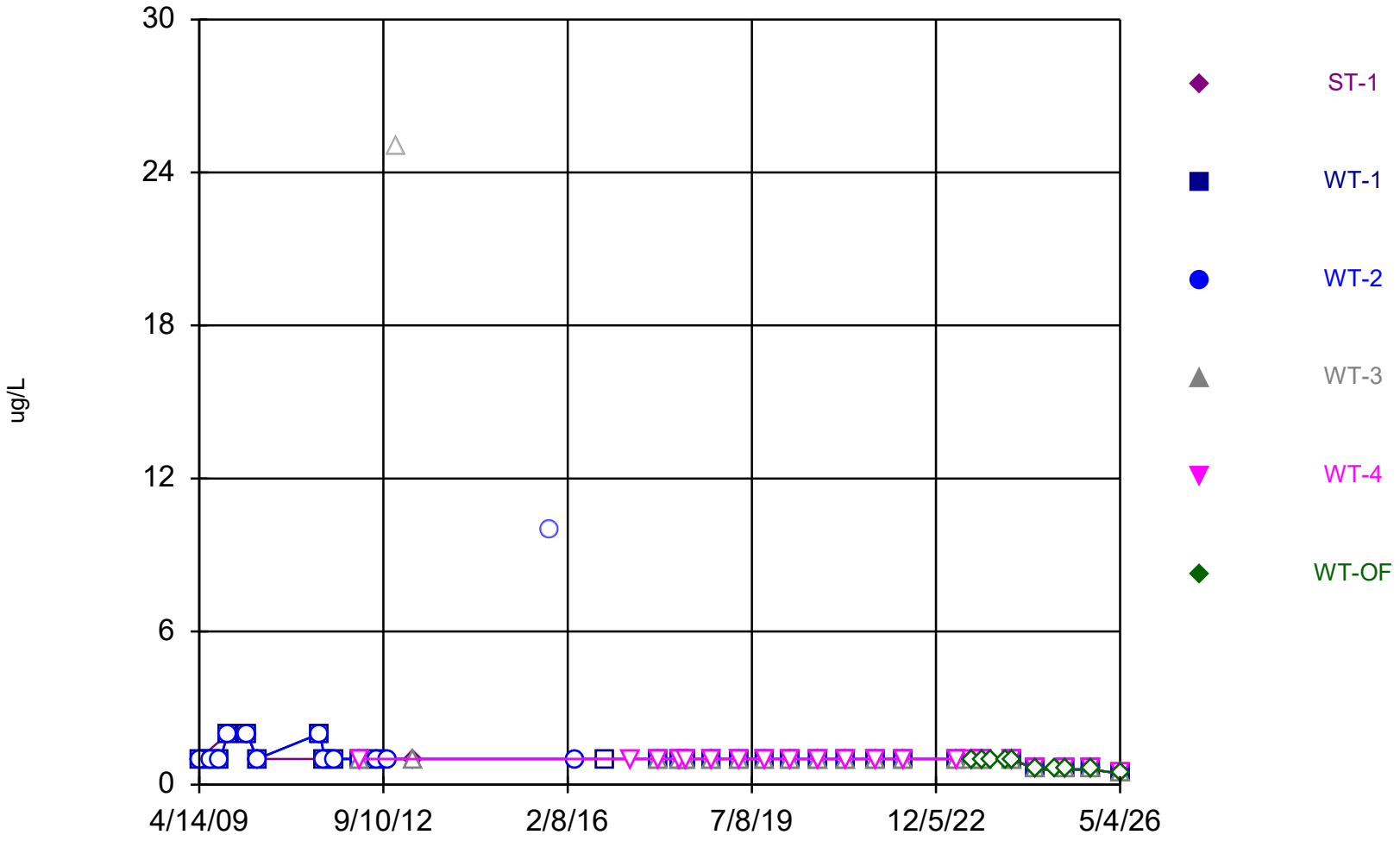


Constituent: 1,1-Dichloroethene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

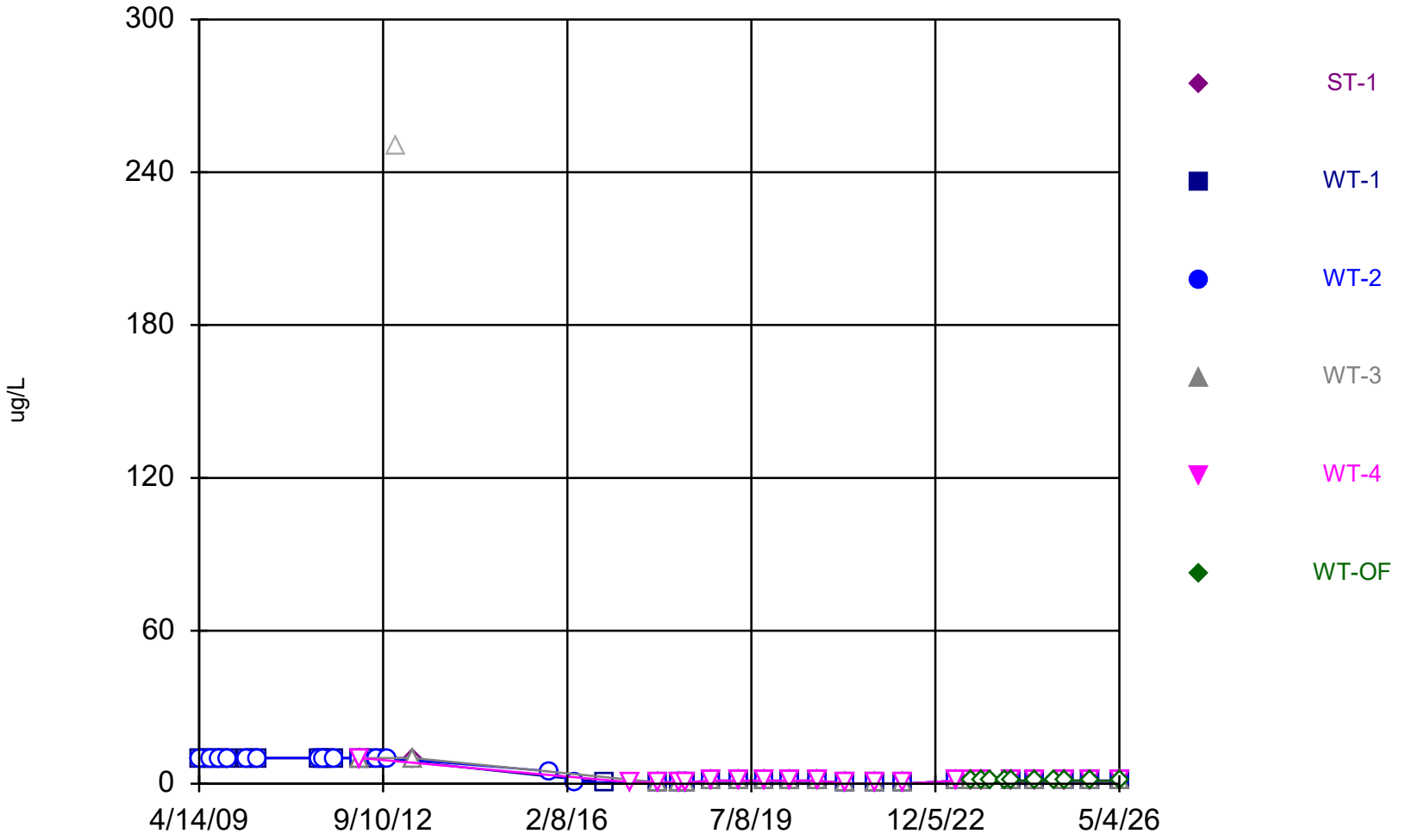


Constituent: 1,2,3-Trichloropropane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

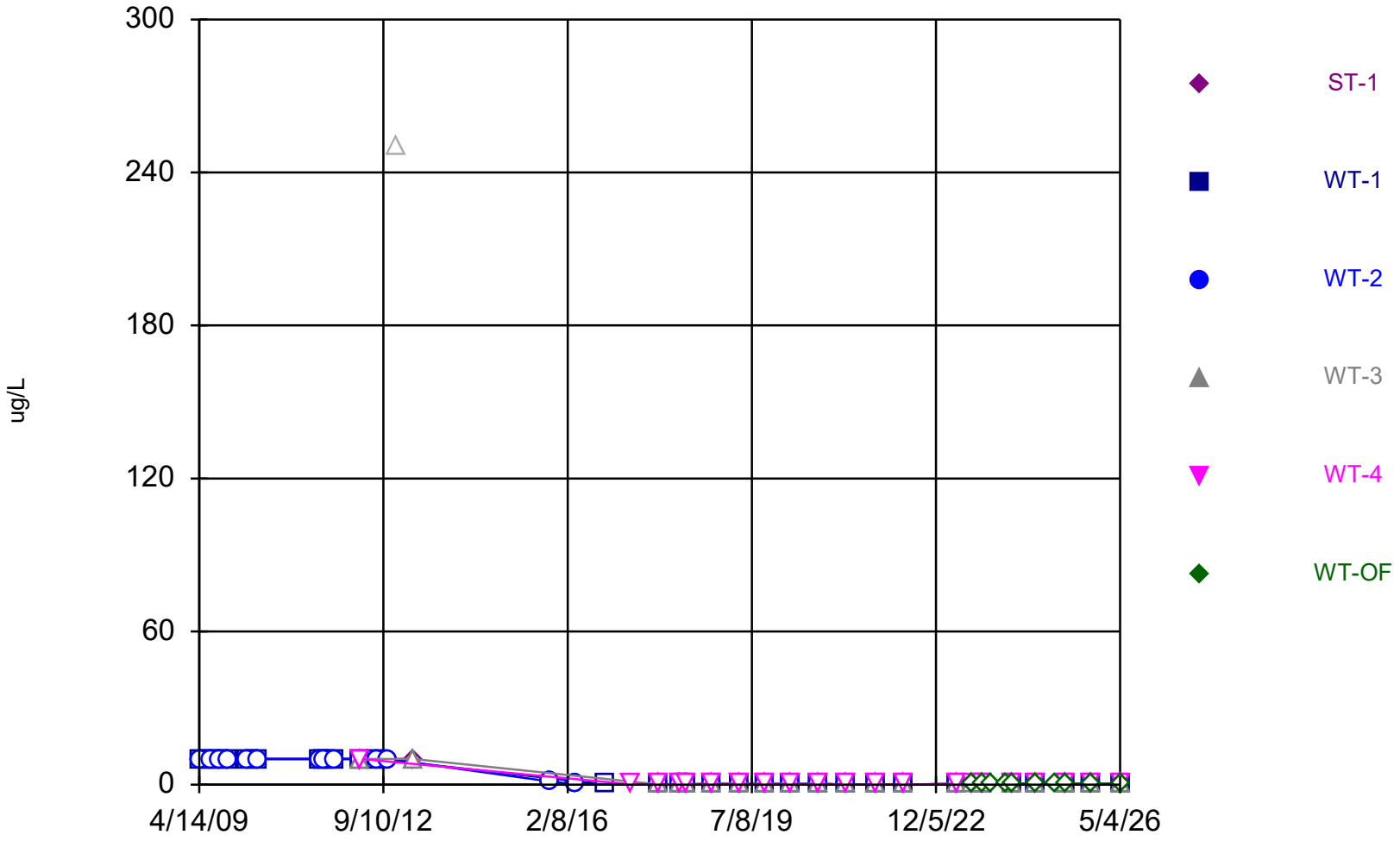


Constituent: 1,2-Dibromo-3-Chloropropane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

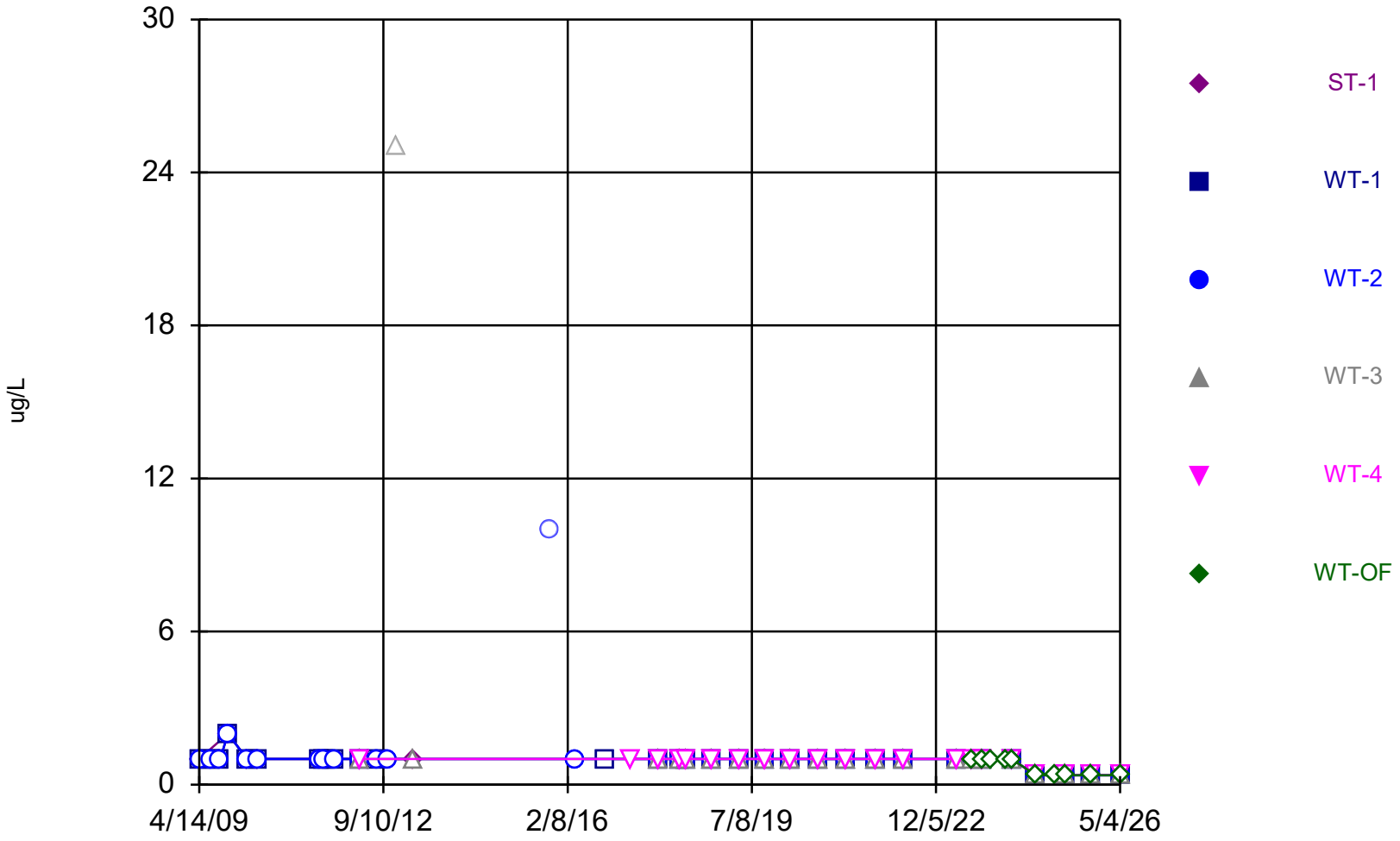


Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

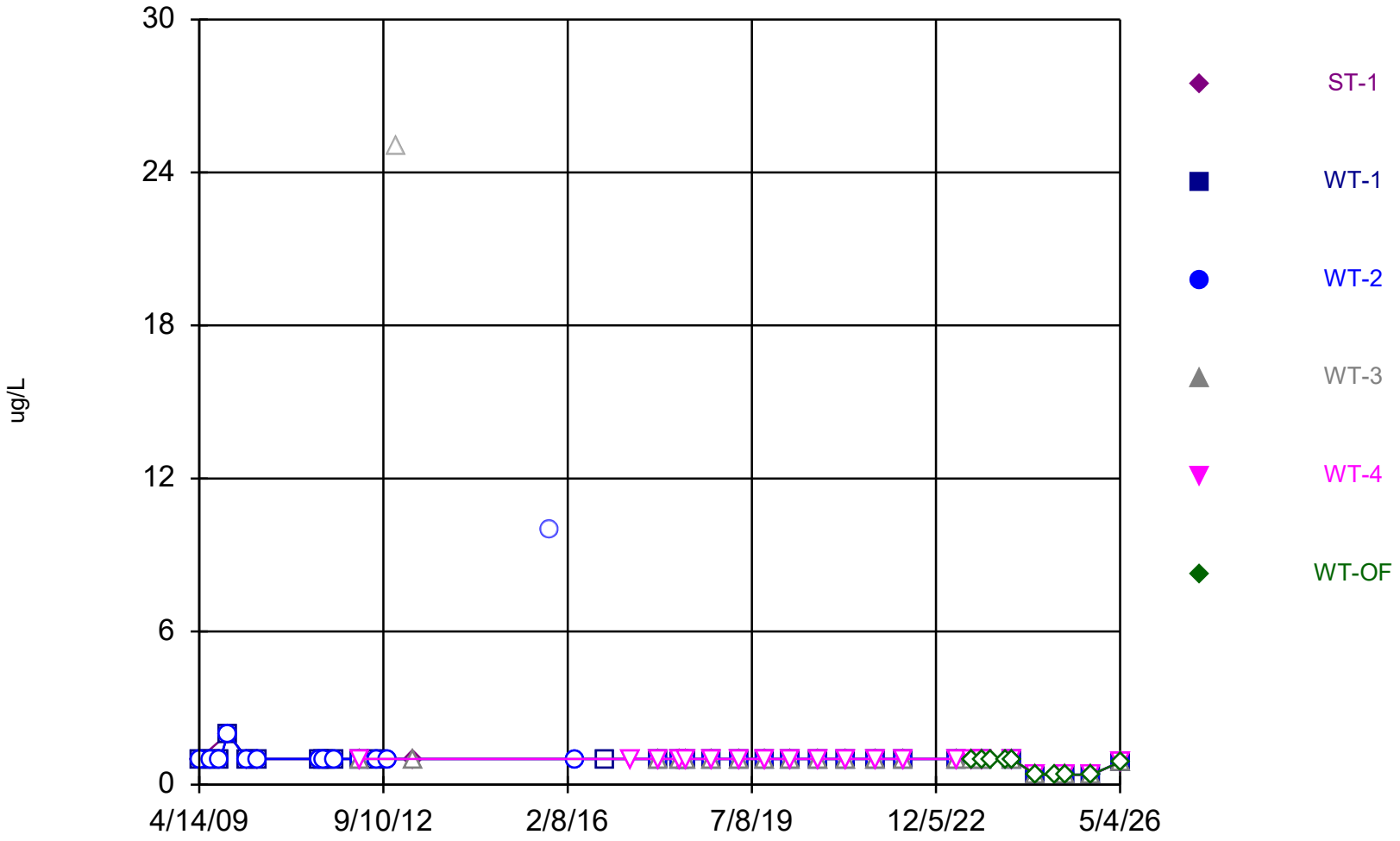


Constituent: 1,2-Dichlorobenzene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

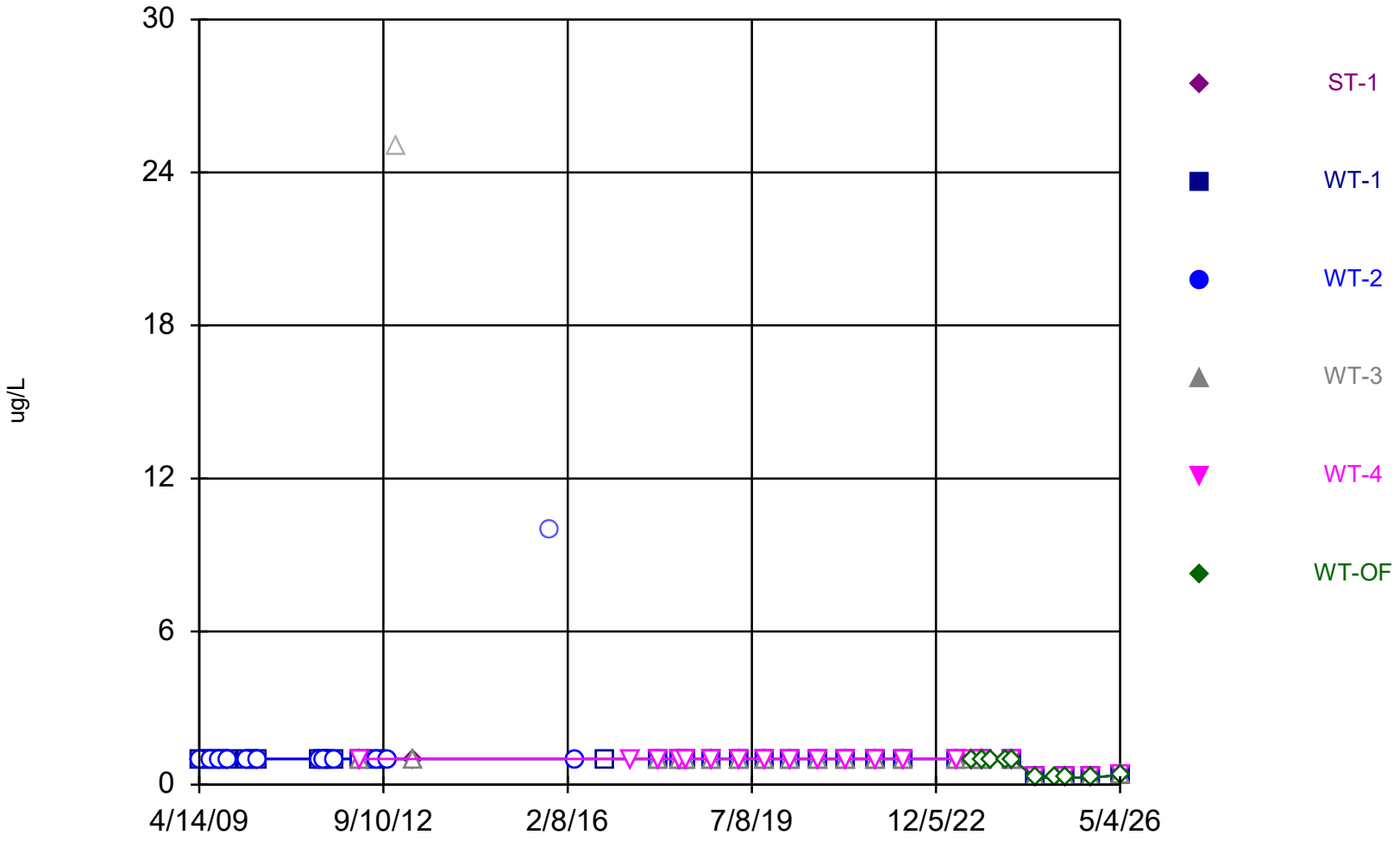


Constituent: 1,2-Dichloroethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

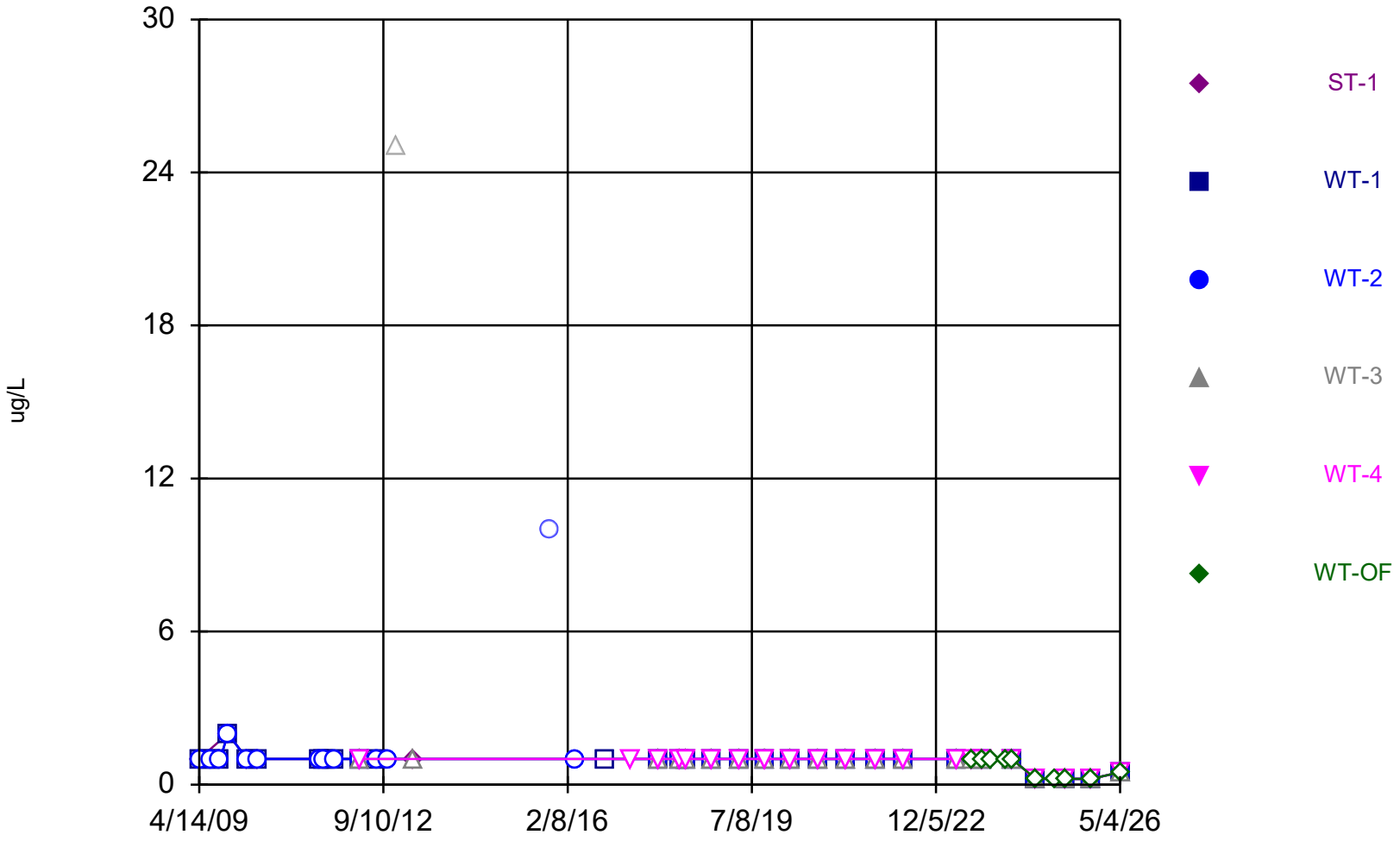


Constituent: 1,2-Dichloropropane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

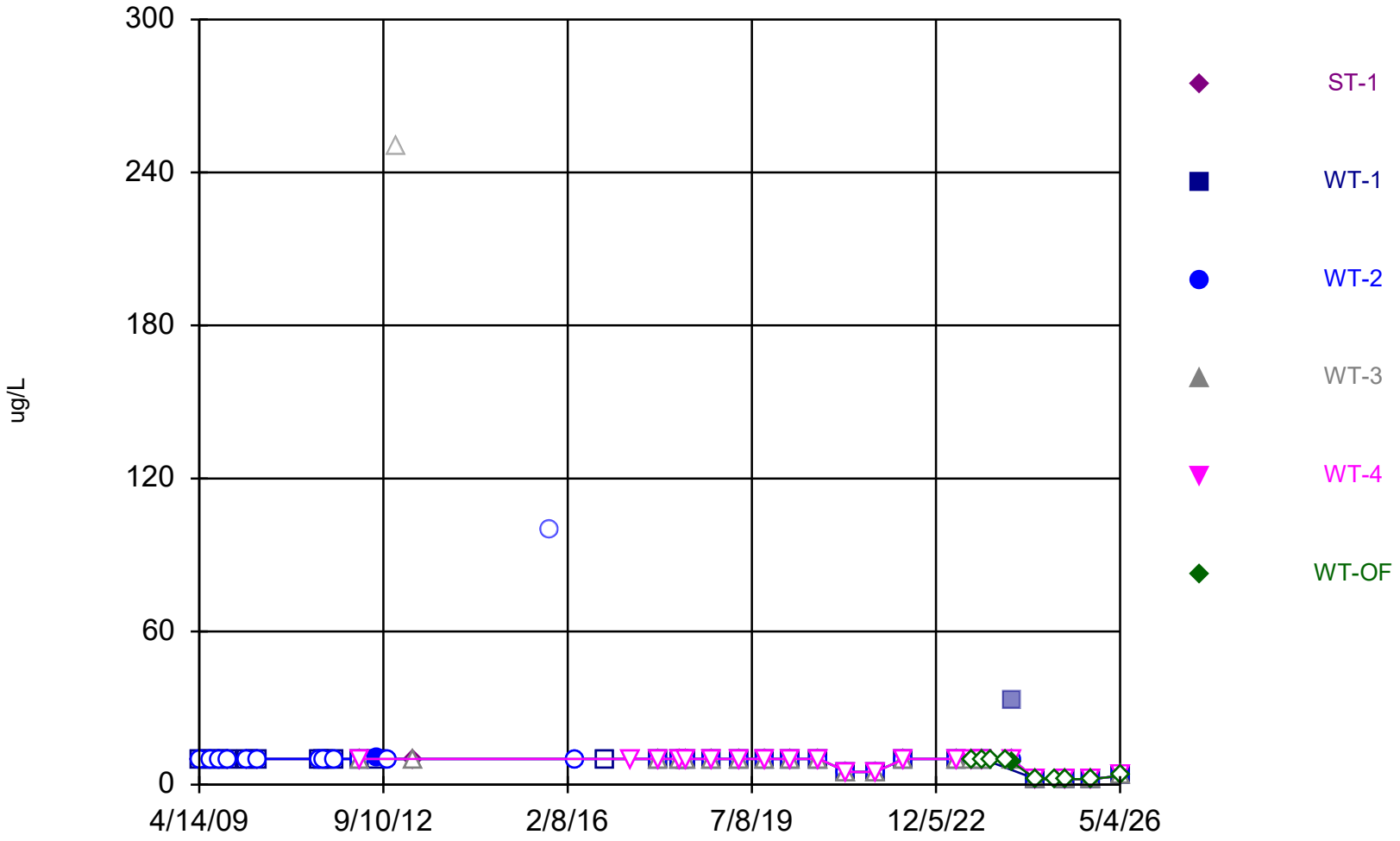


Constituent: 1,4-Dichlorobenzene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

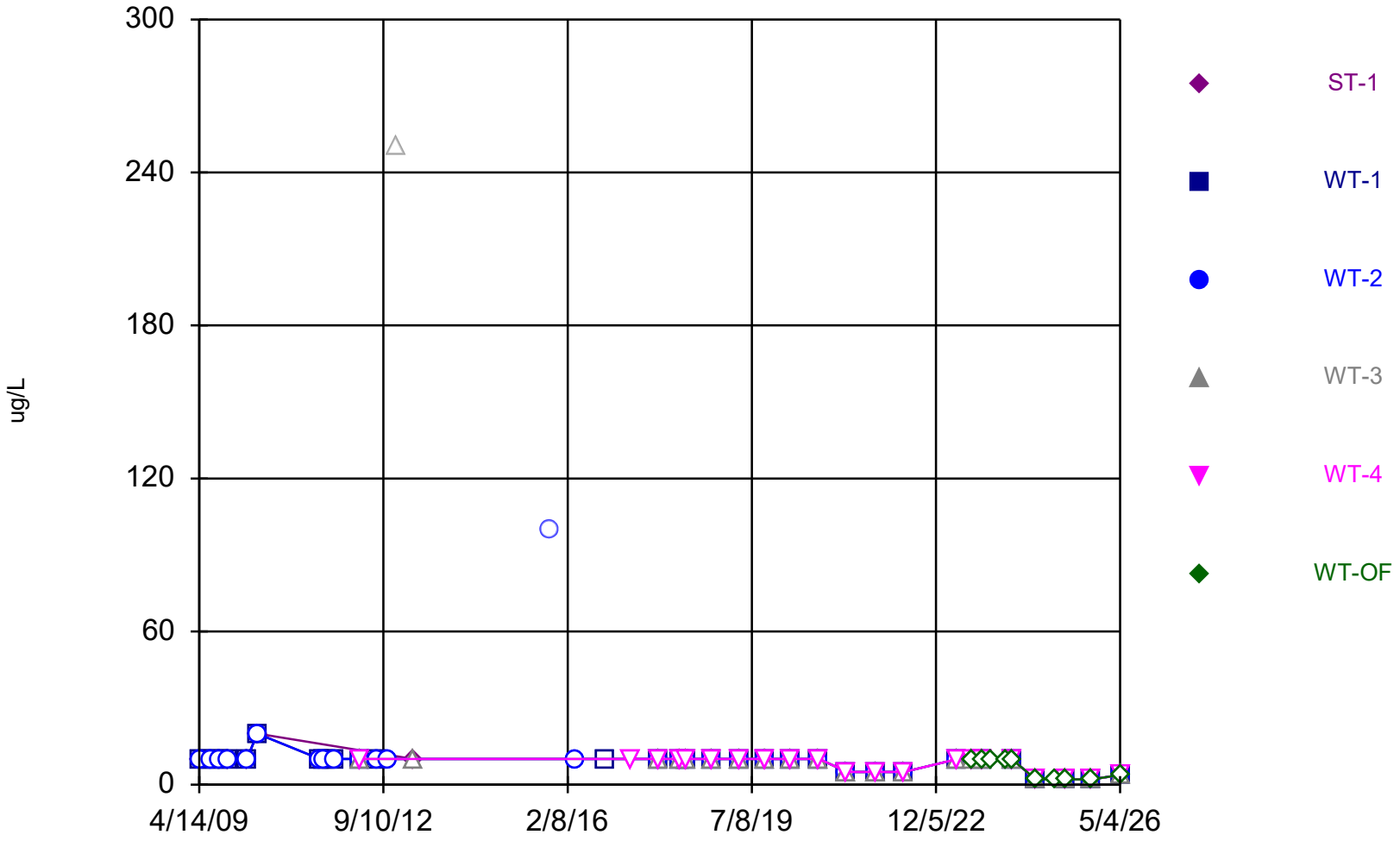


Constituent: 2-Butanone [MEK] Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

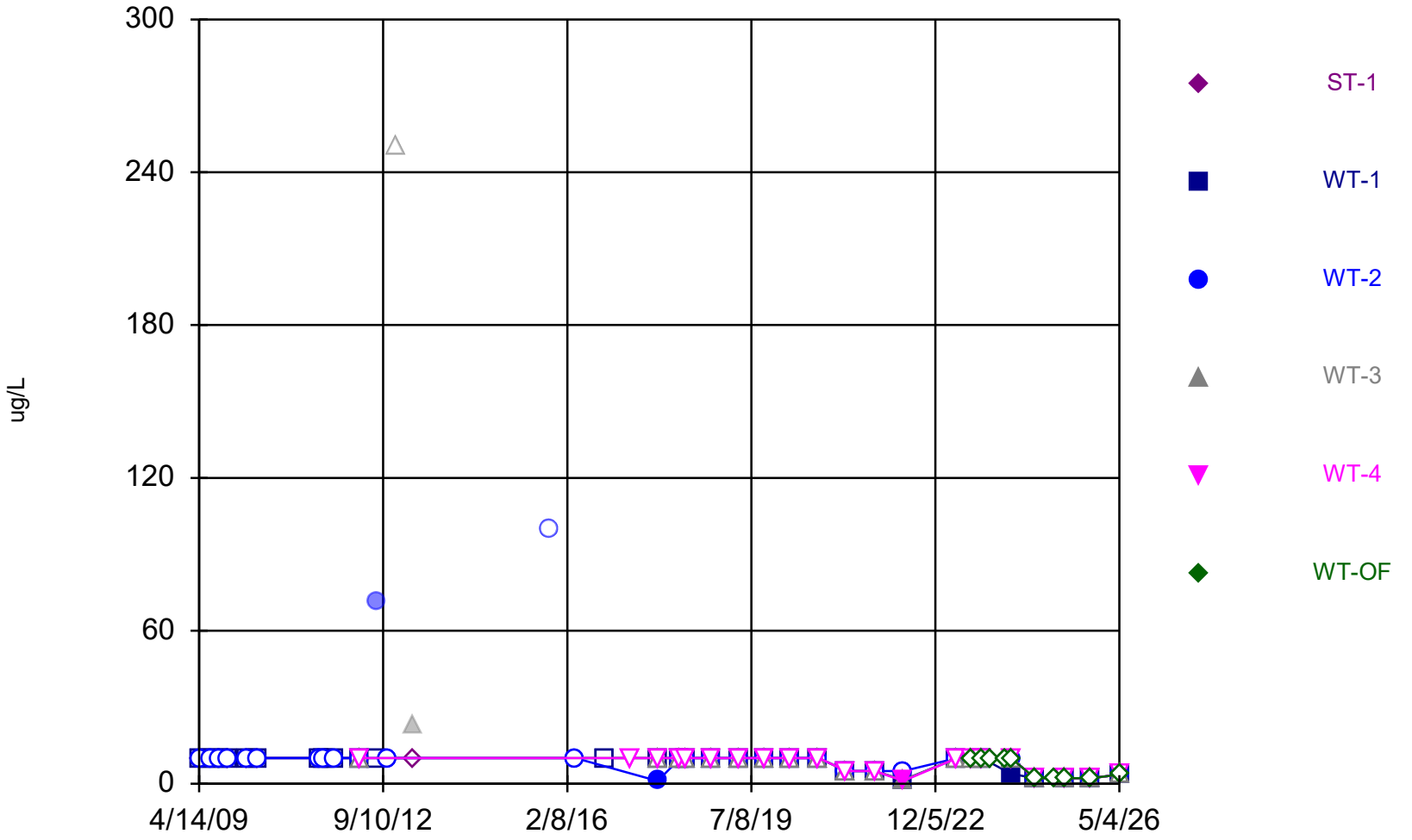


Constituent: 2-Hexanone Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

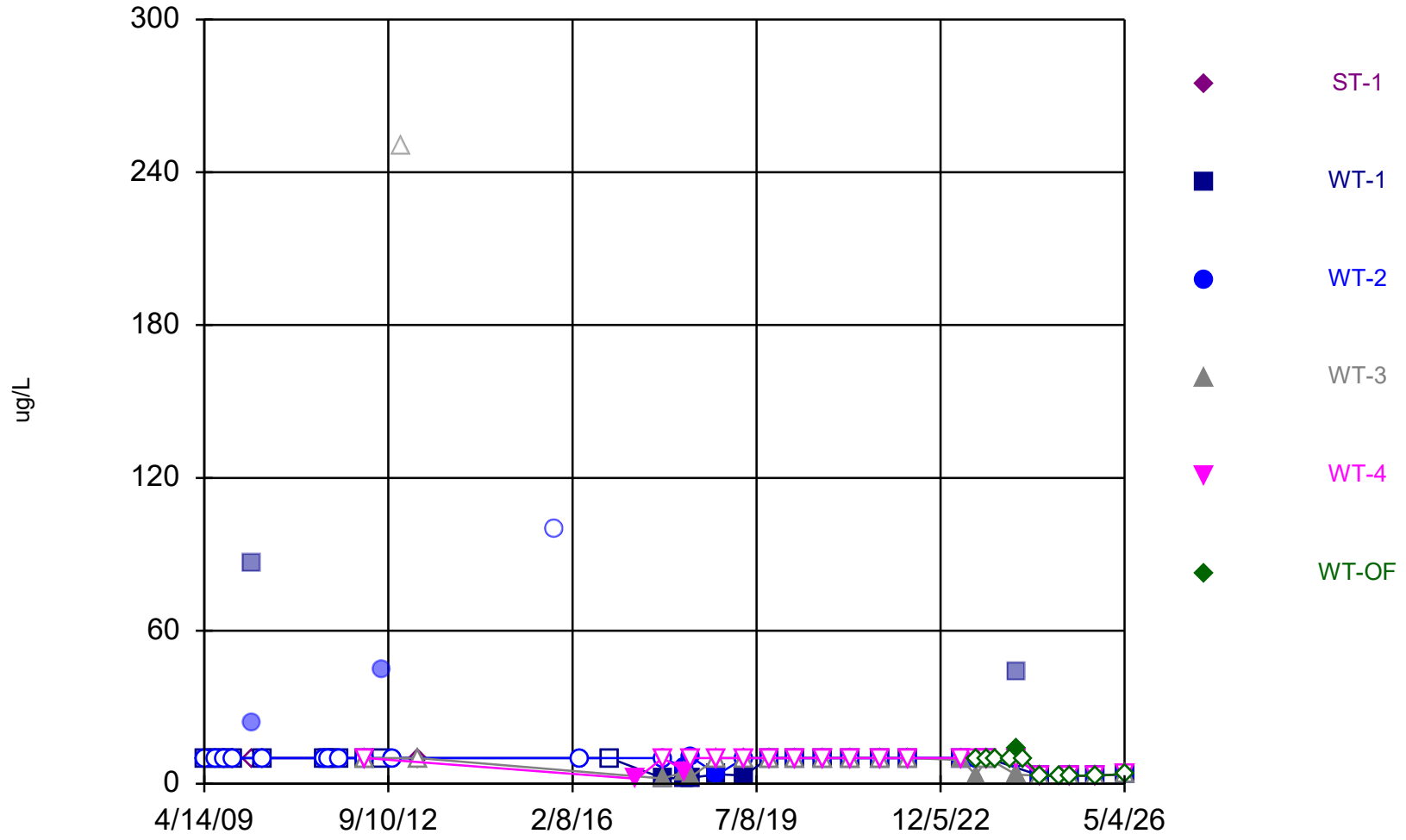


Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

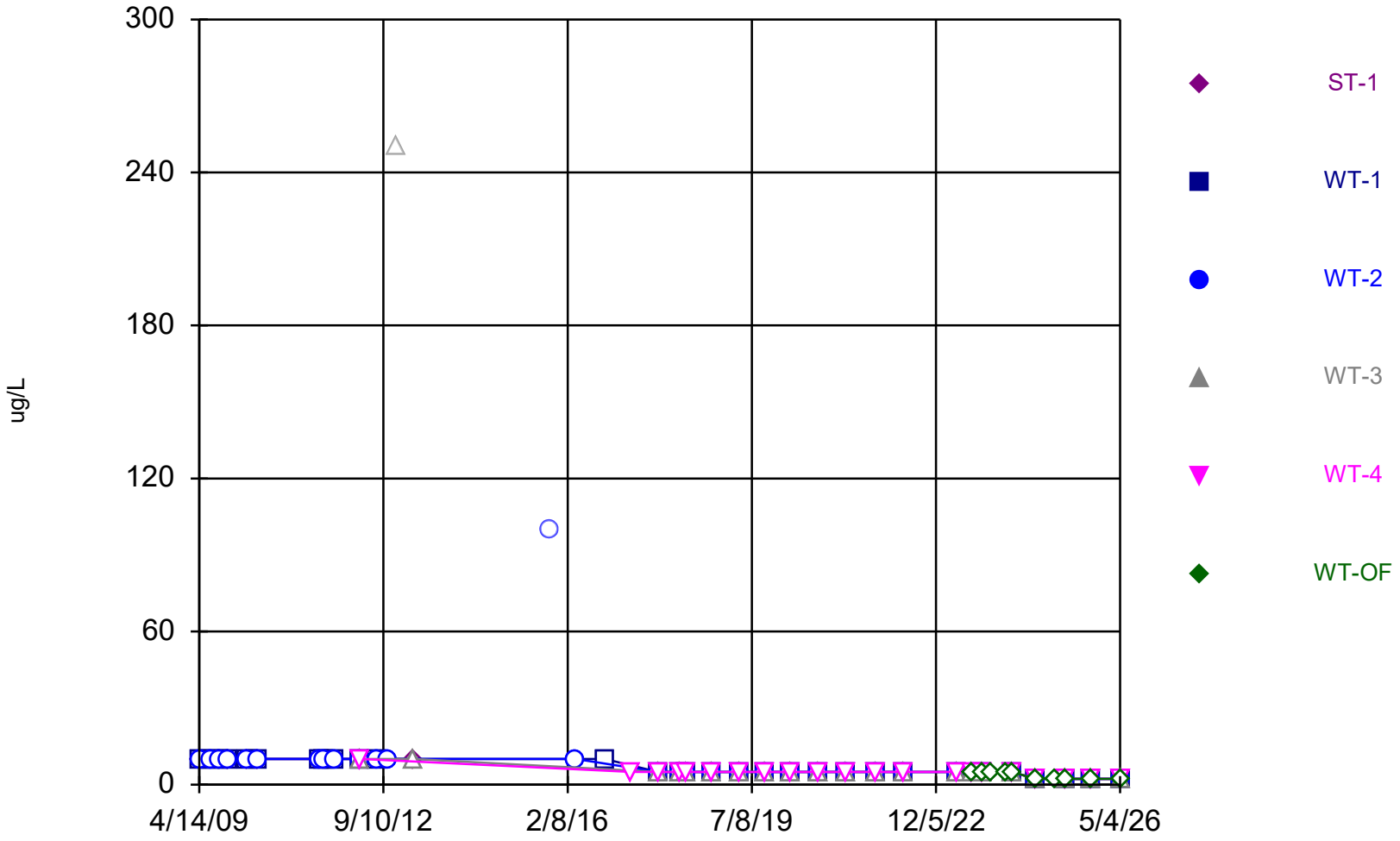


Constituent: Acetone Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

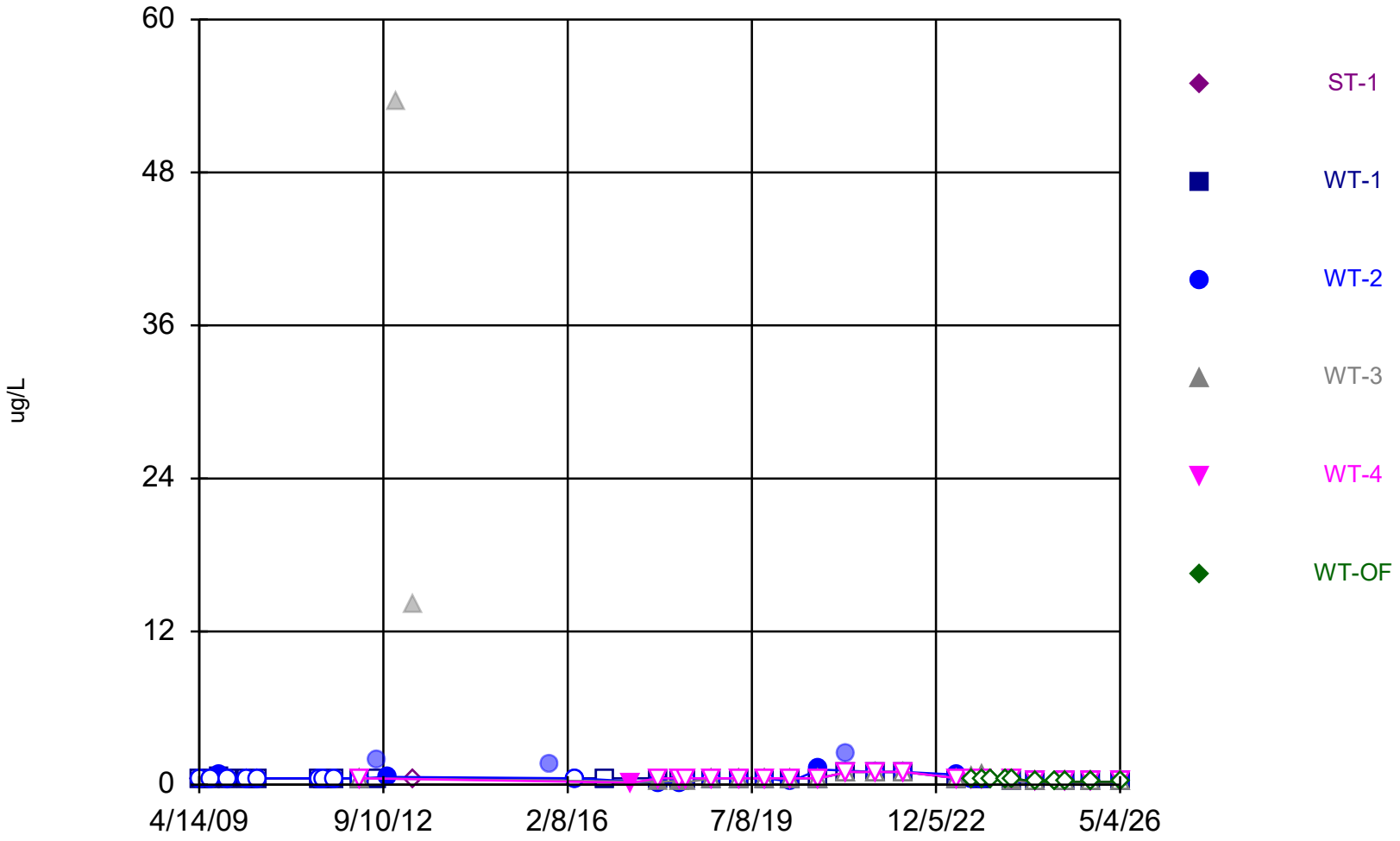


Constituent: Acrylonitrile Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

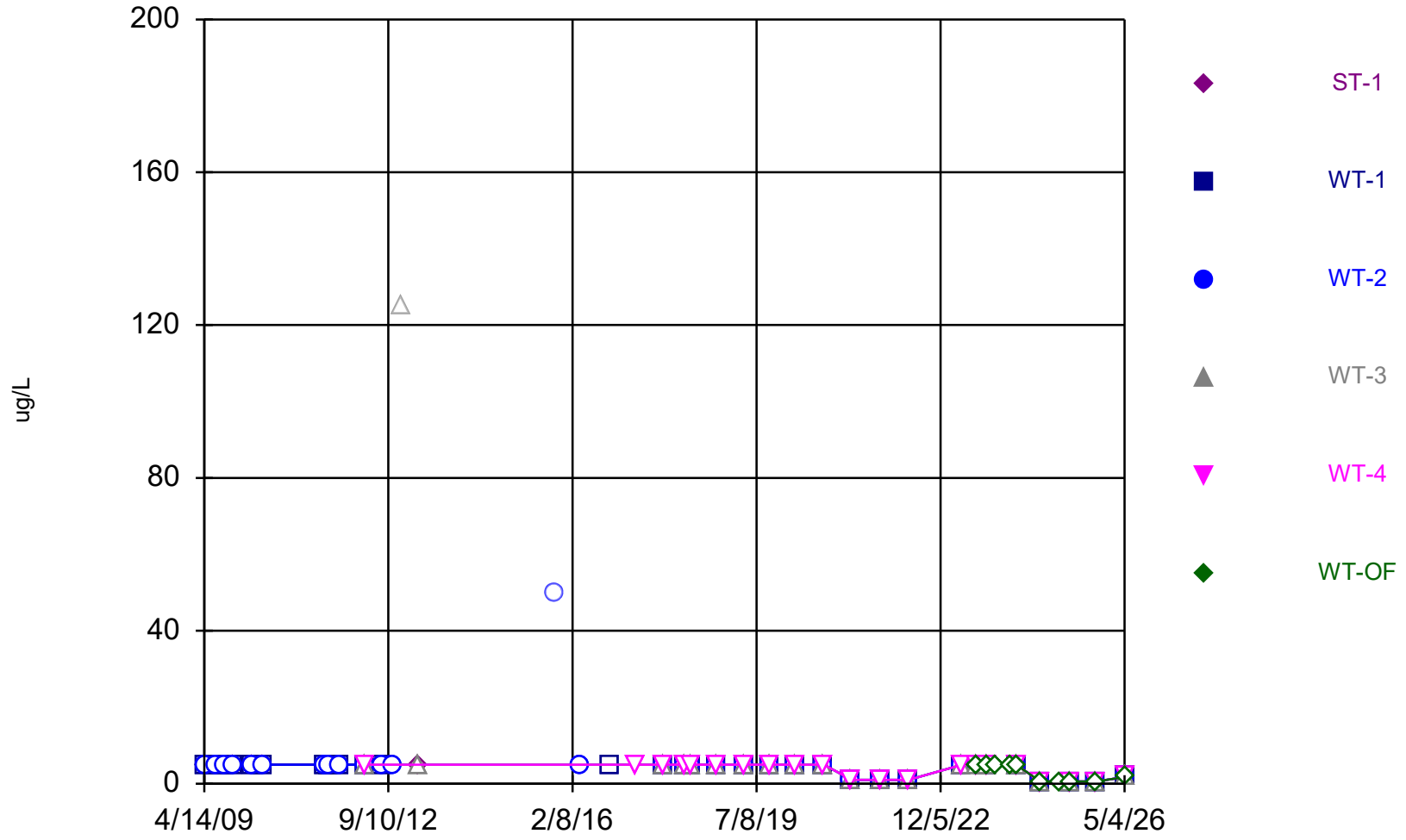


Constituent: Benzene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

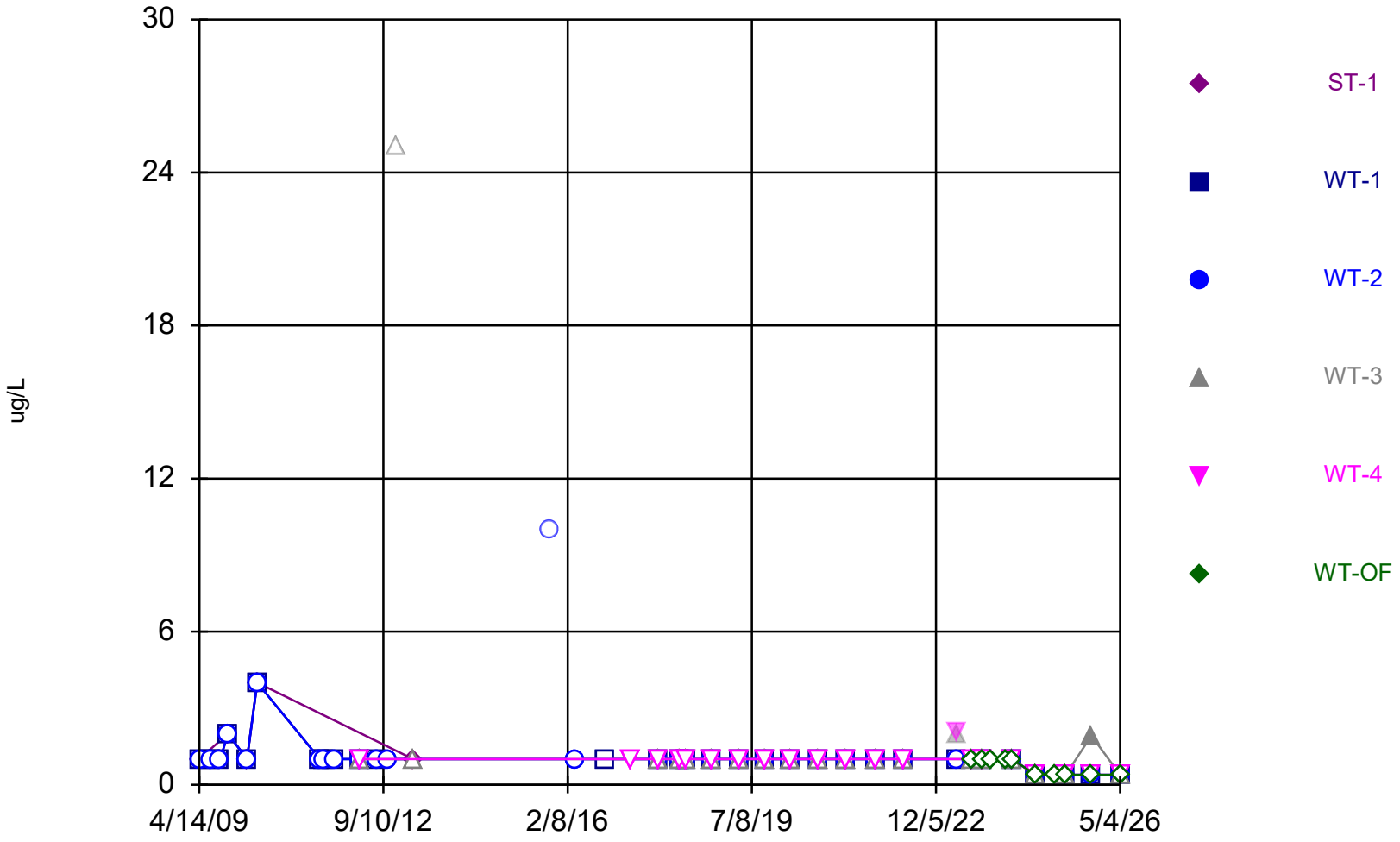


Constituent: Bromochloromethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

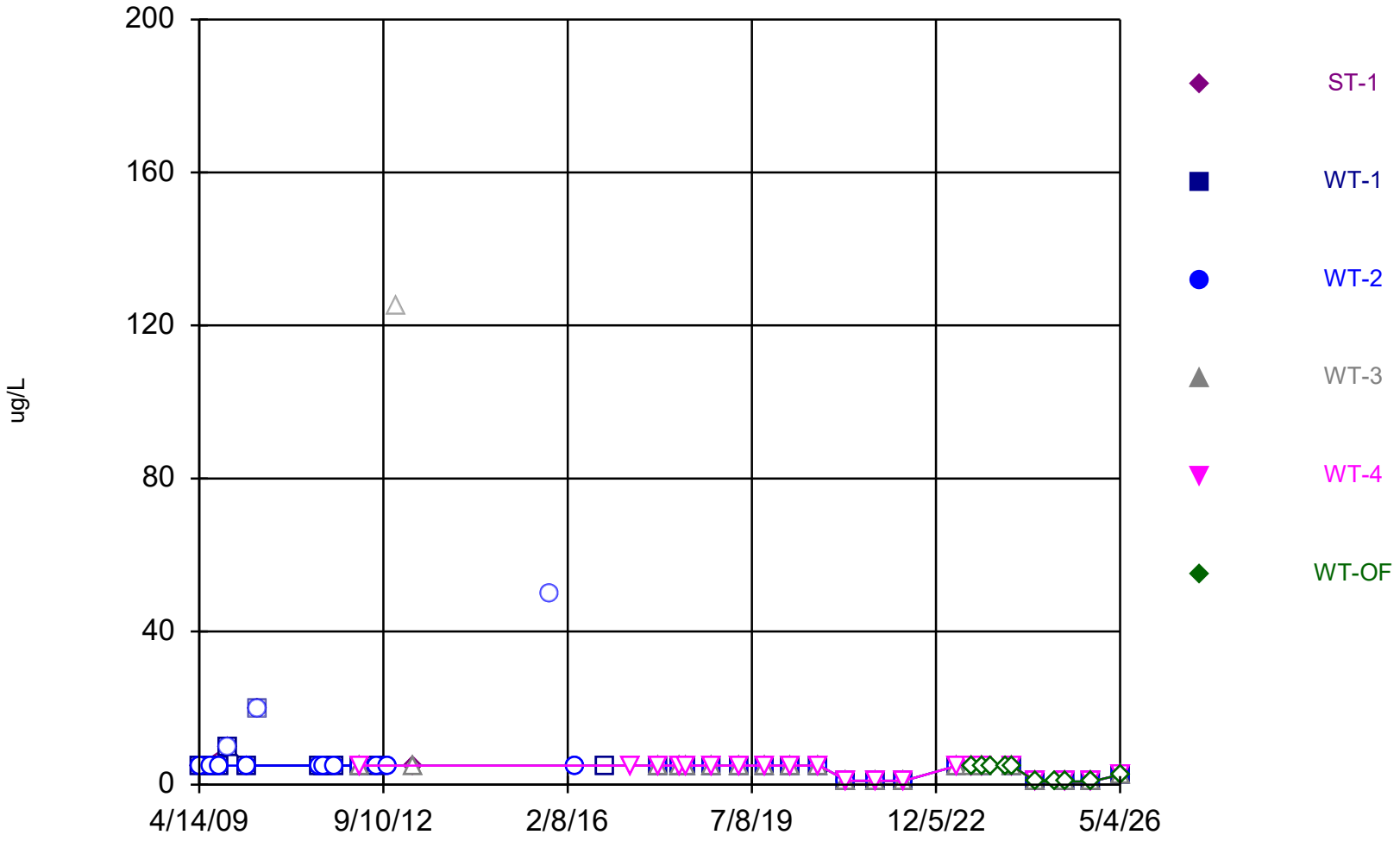


Constituent: Bromodichloromethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

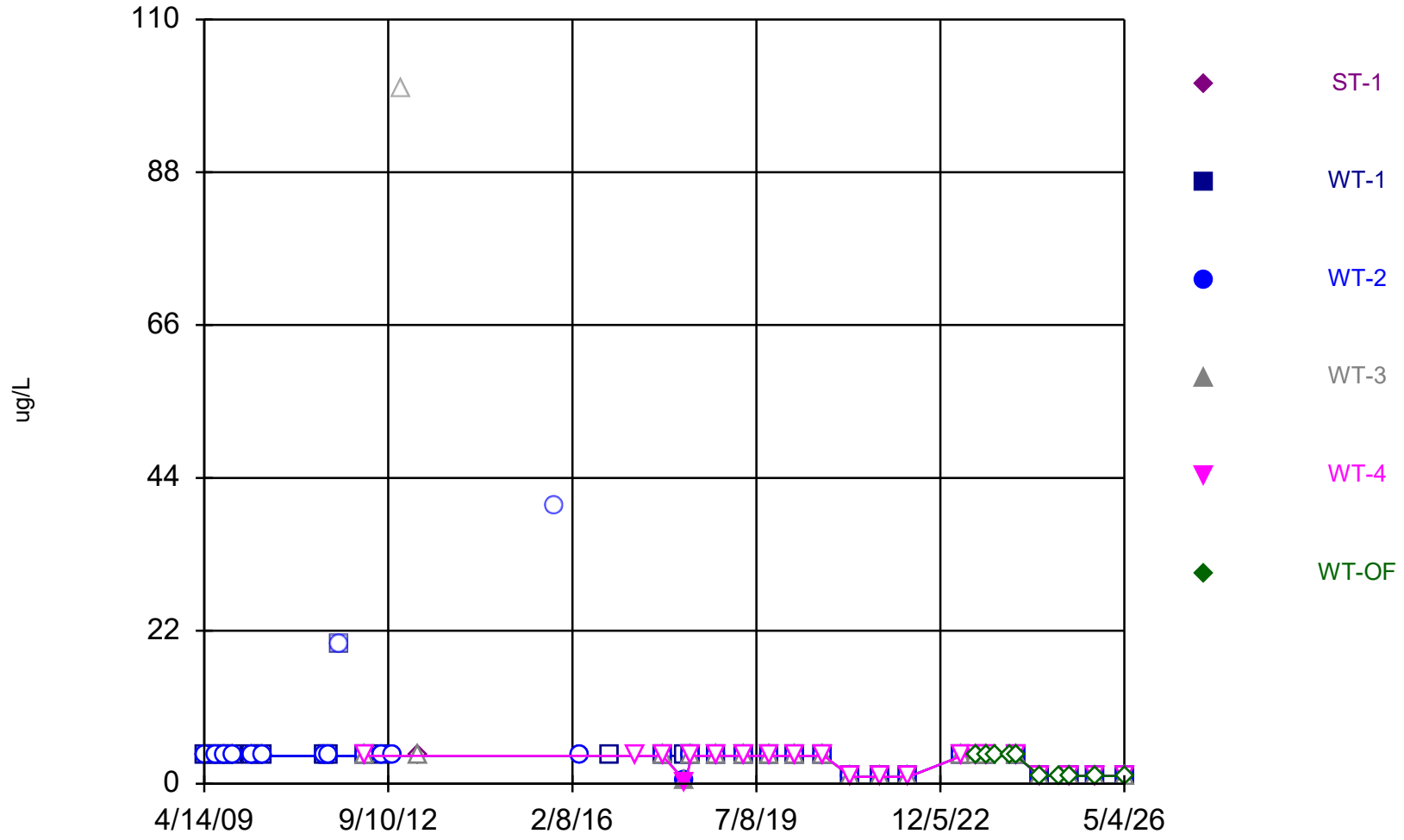


Constituent: Bromoform Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

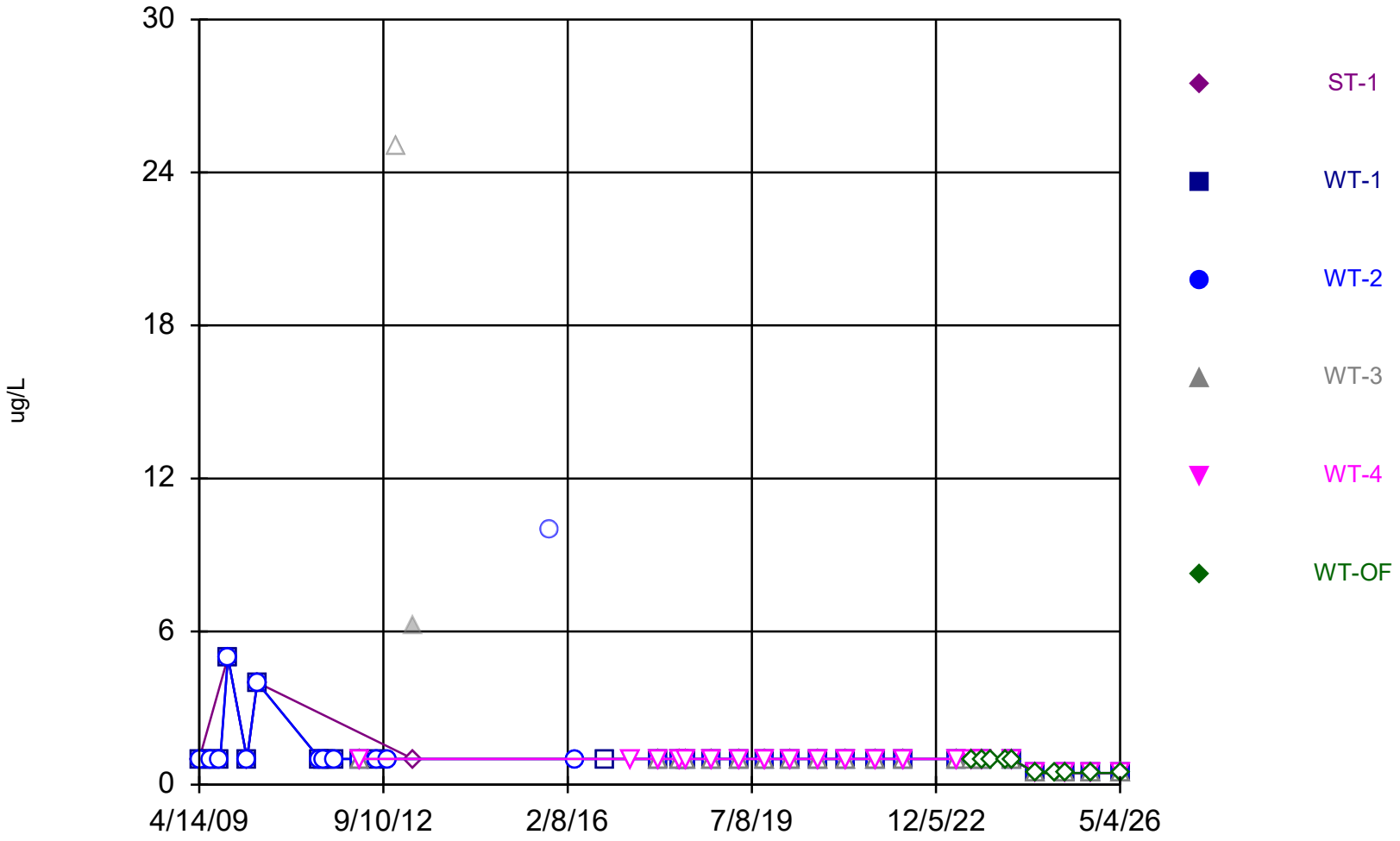


Constituent: Bromomethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

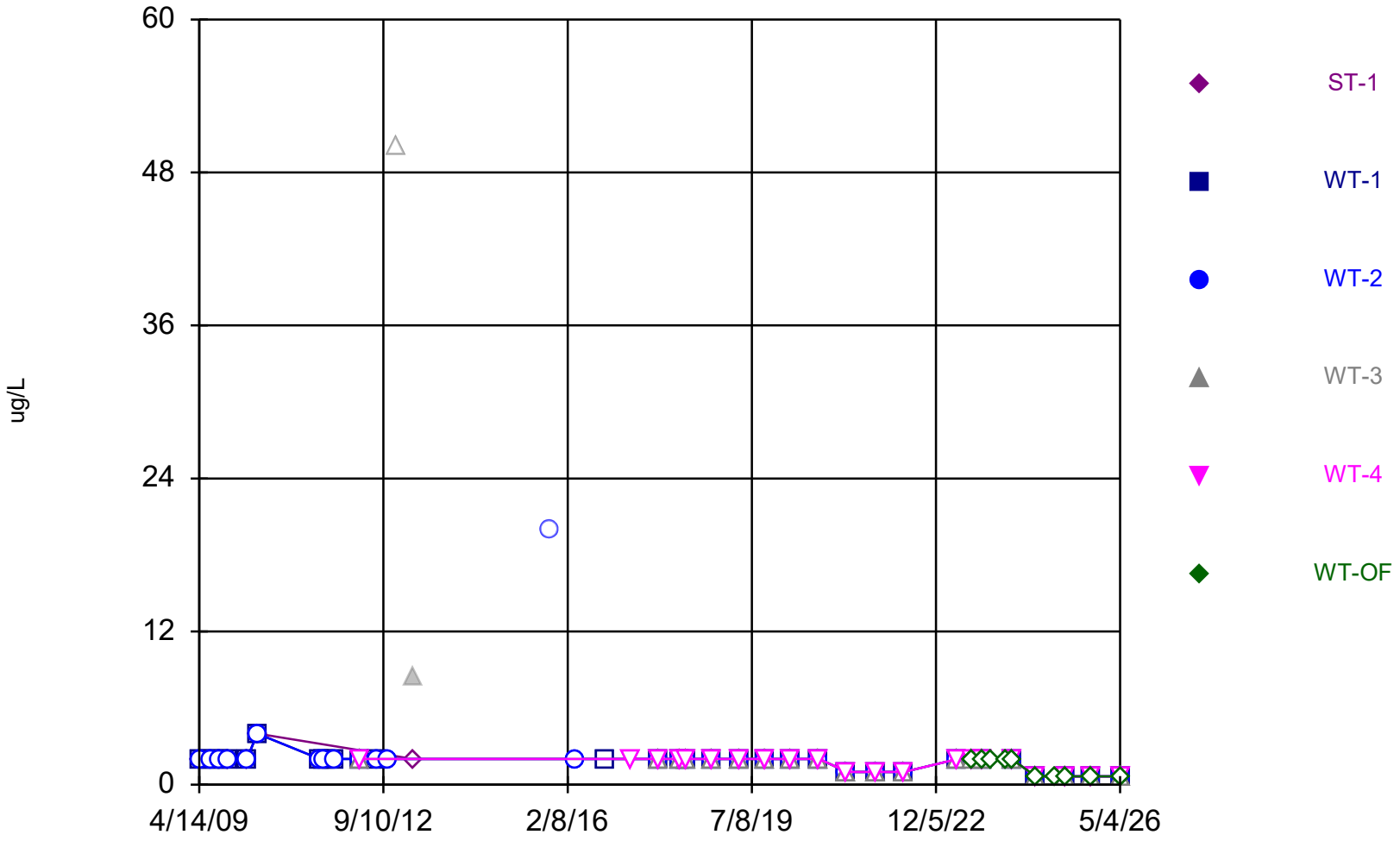


Constituent: Carbon Disulfide Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

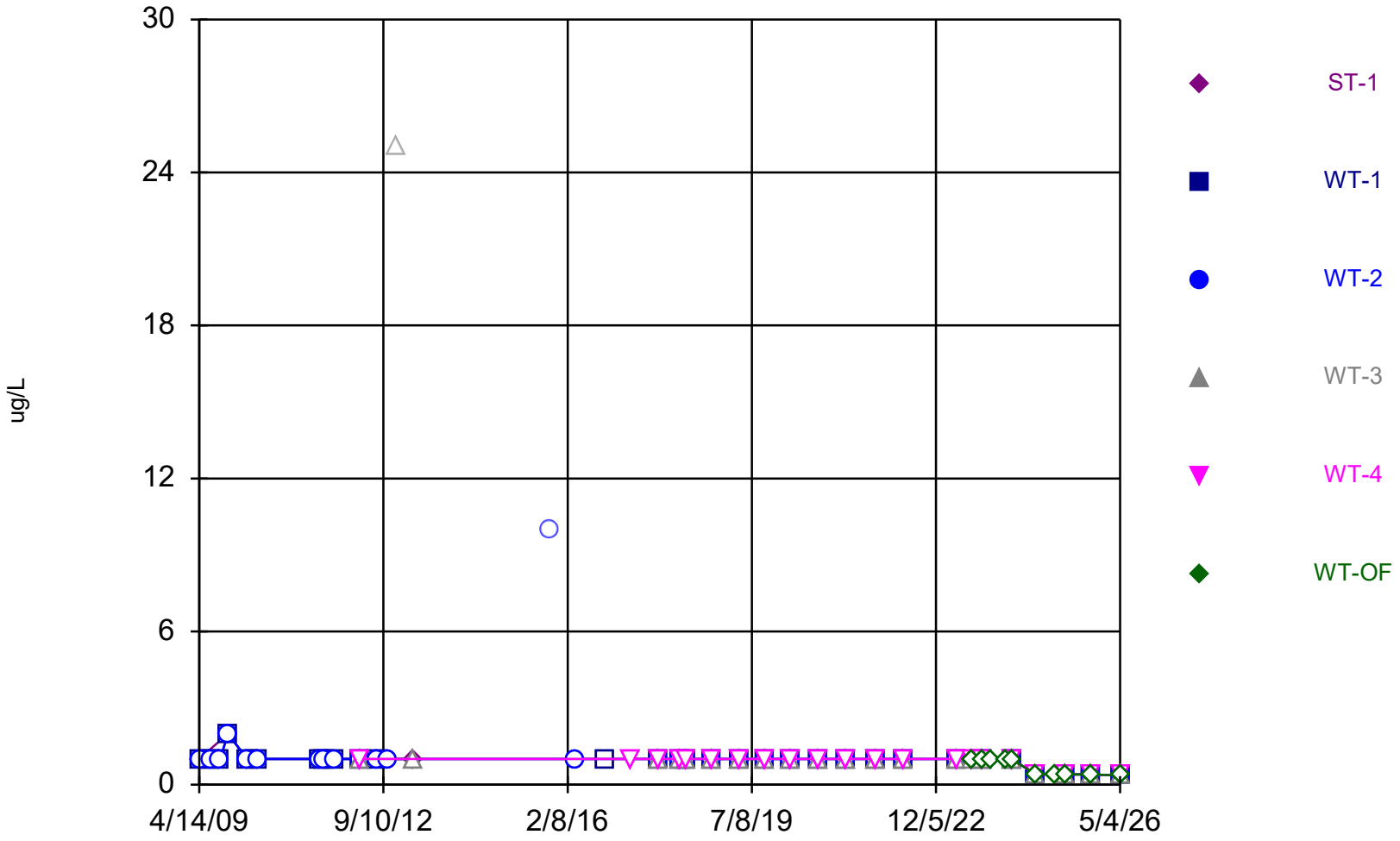


Constituent: Carbon Tetrachloride Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

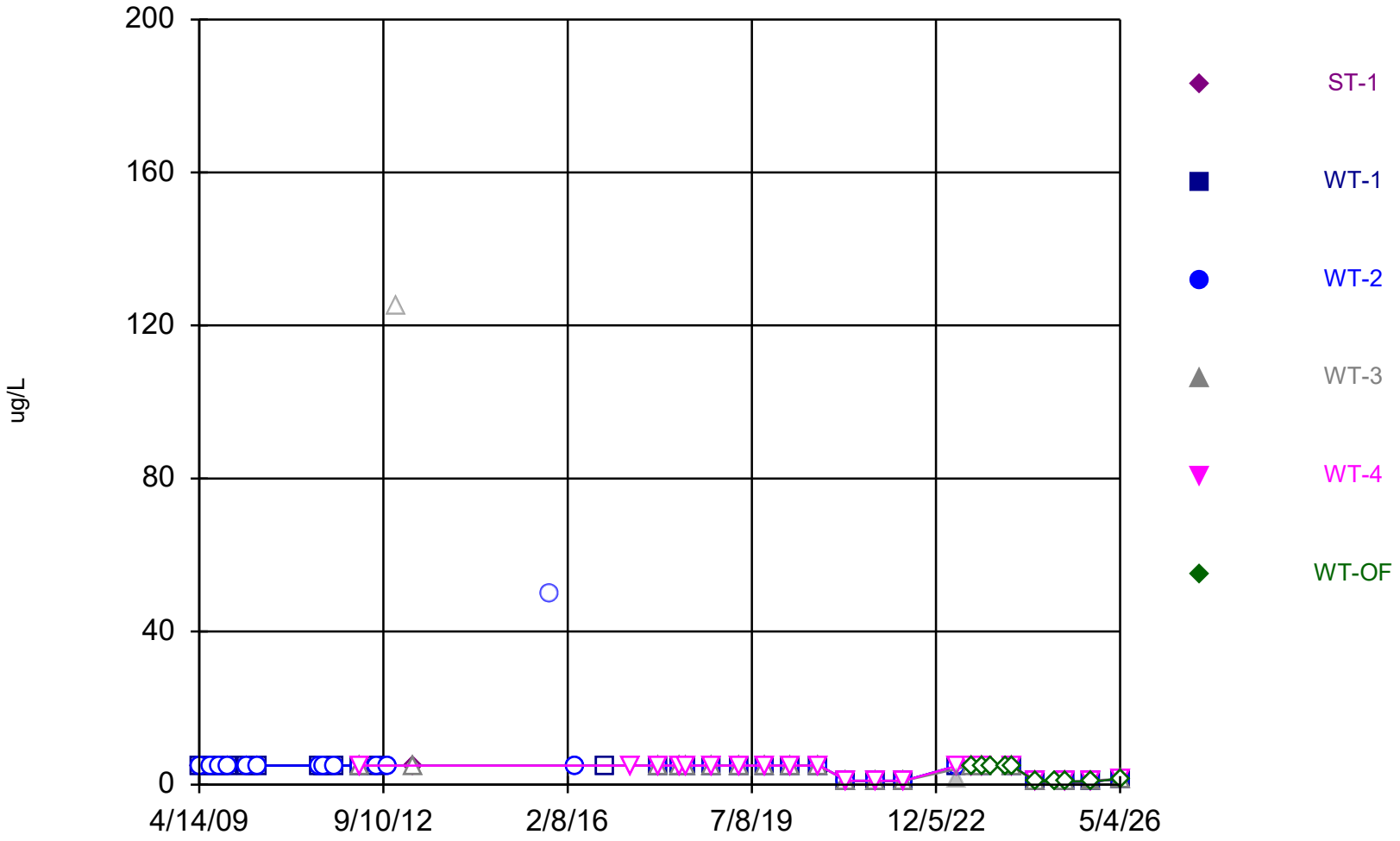


Constituent: Chlorobenzene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

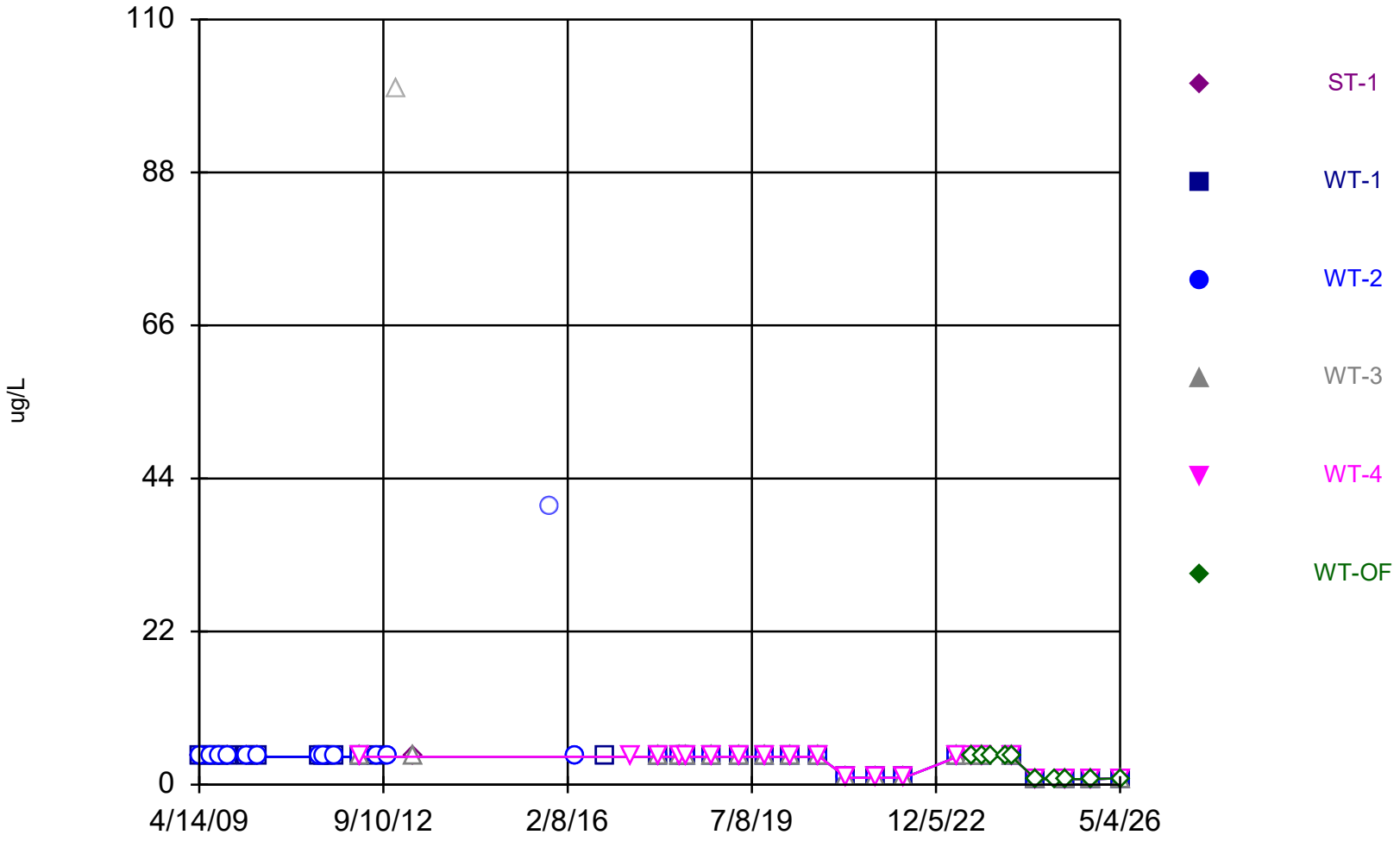


Constituent: Chlorodibromomethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

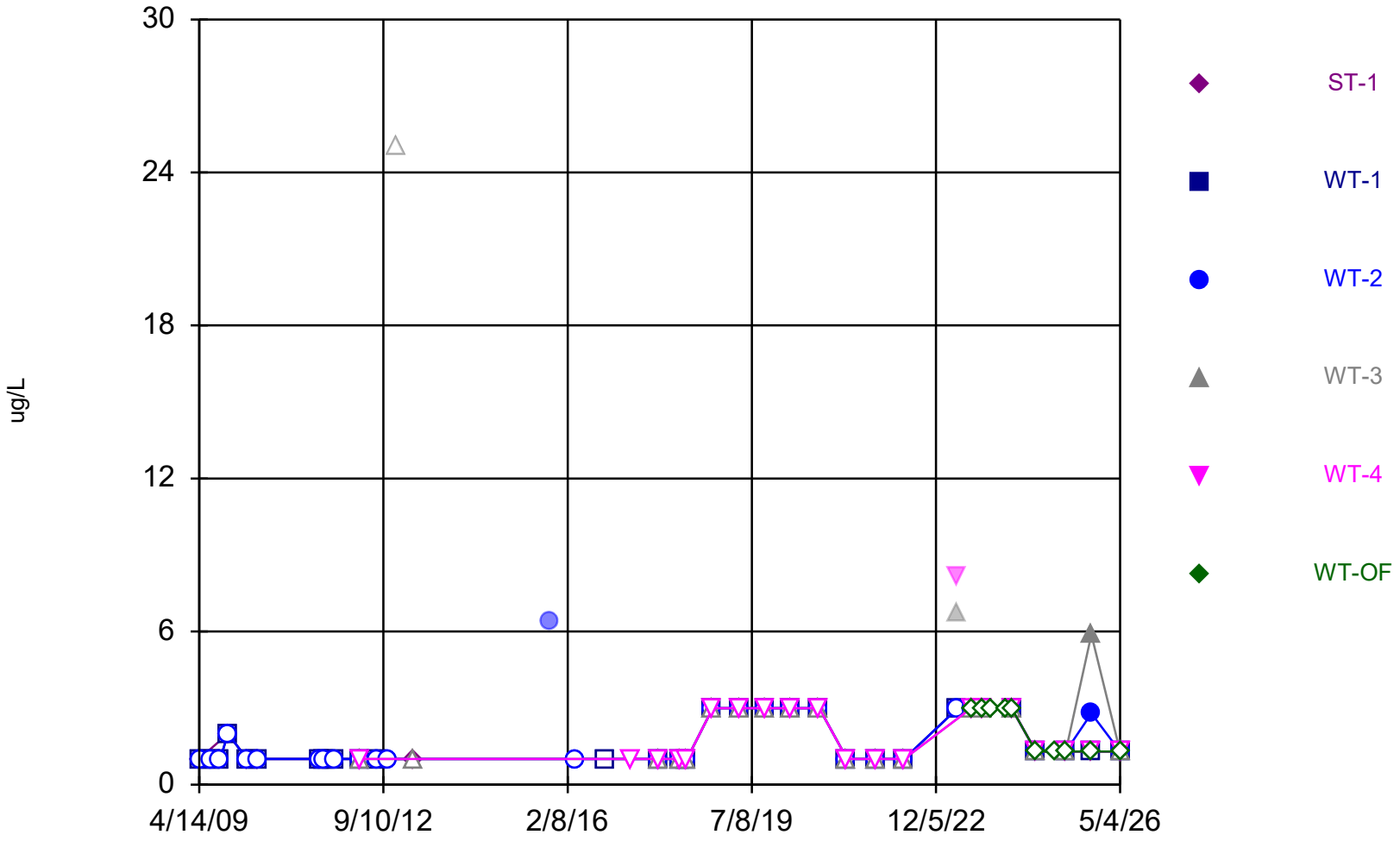


Constituent: Chloroethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

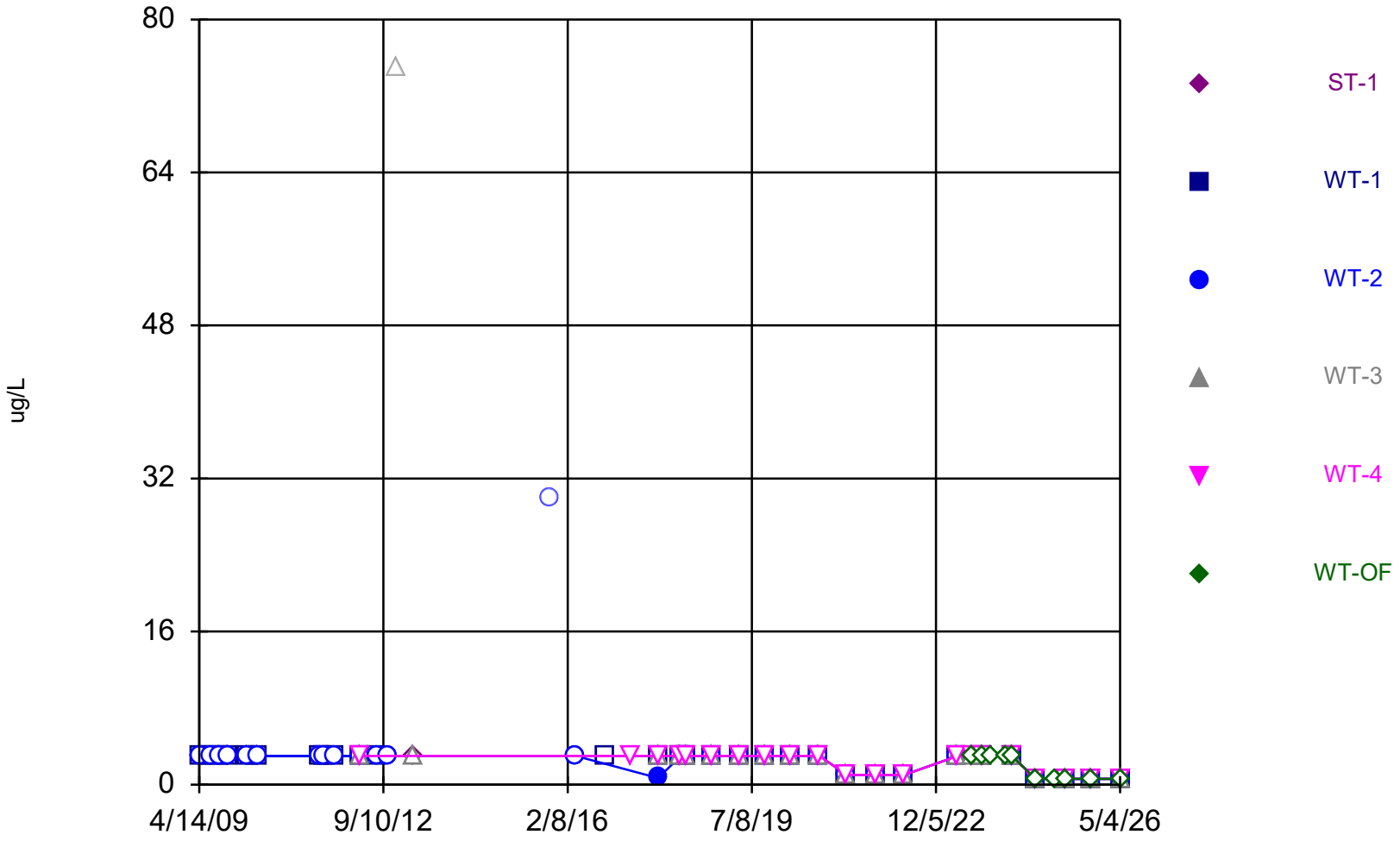


Constituent: Chloroform Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

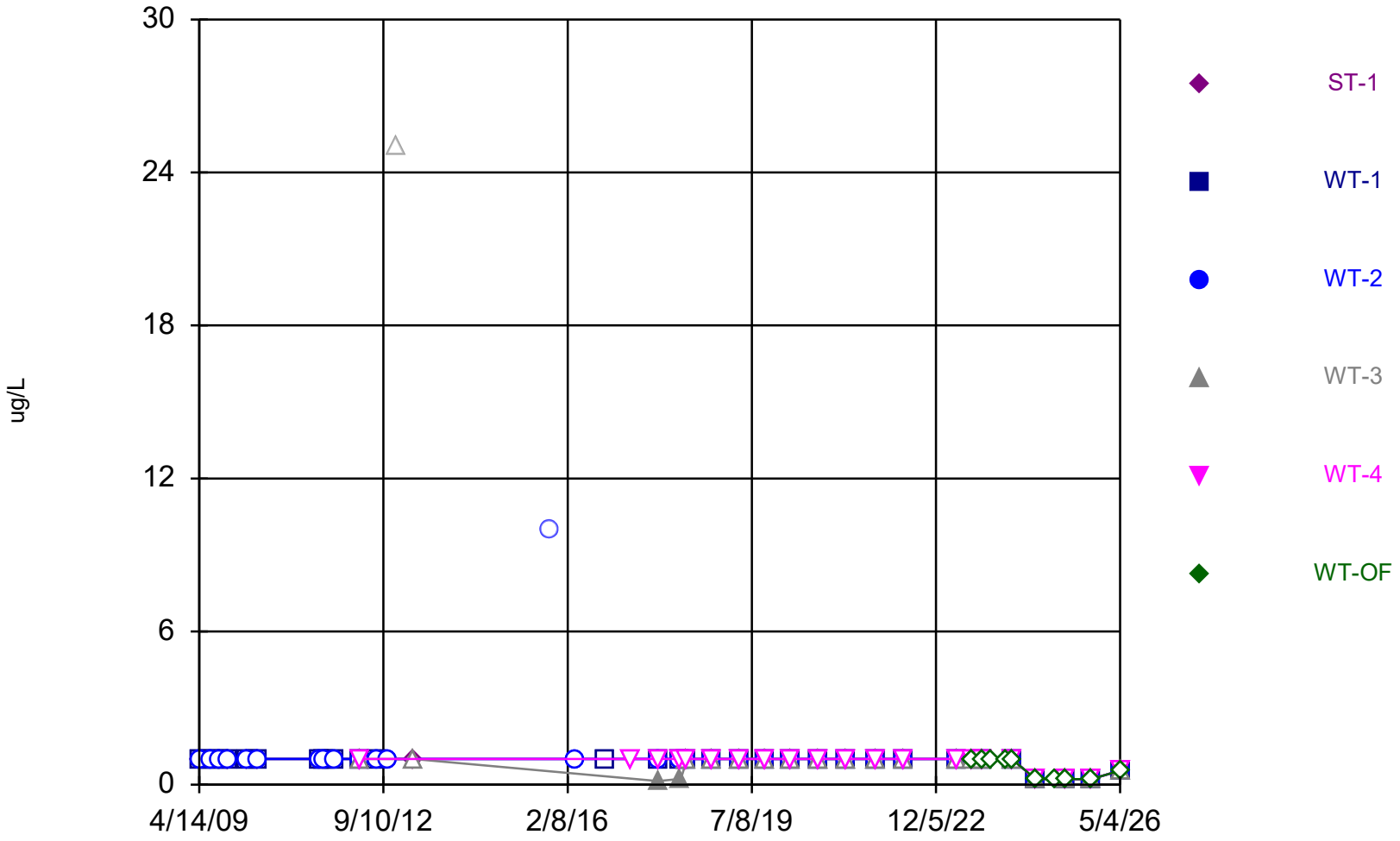


Constituent: Chloromethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

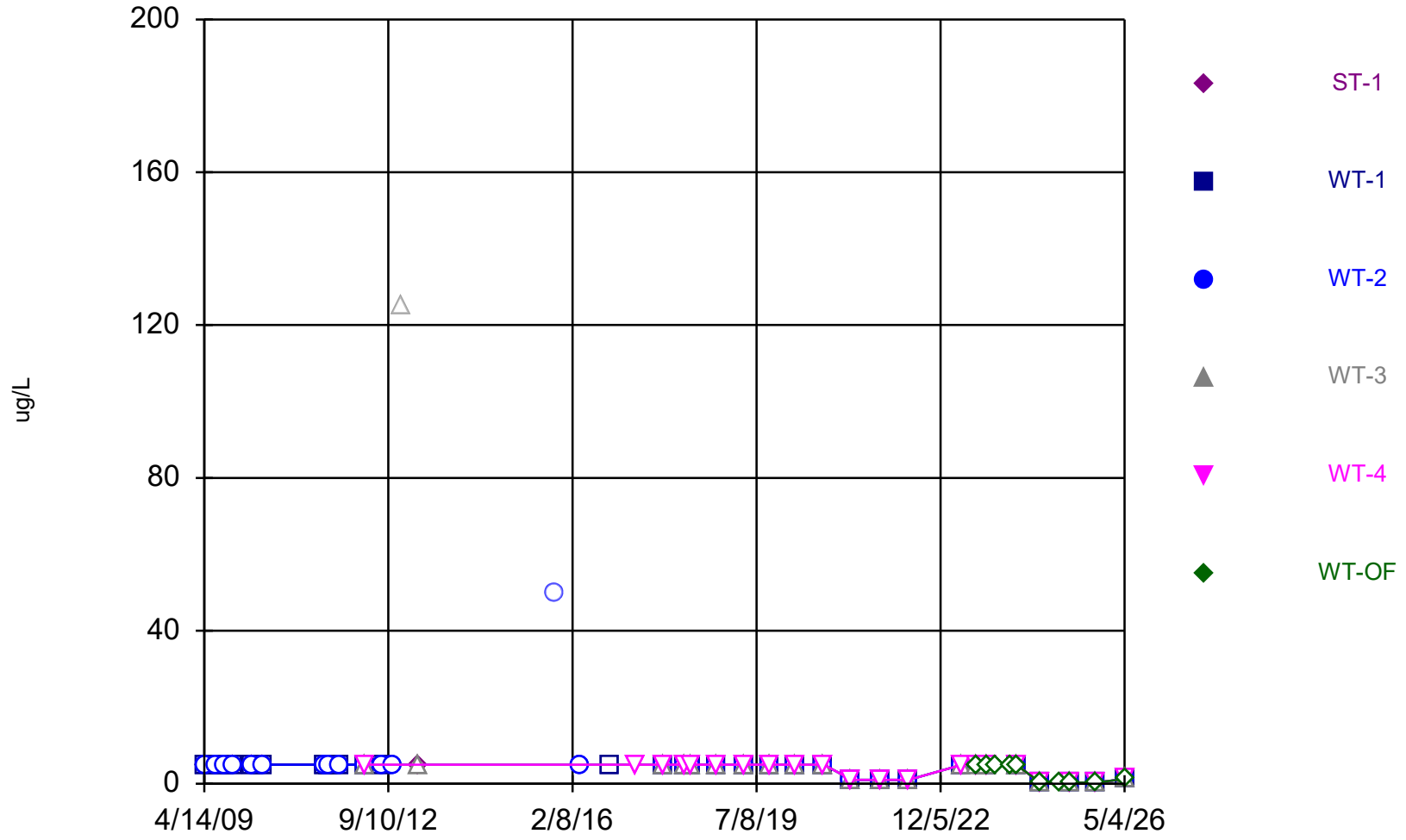


Constituent: cis-1,2-Dichloroethene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

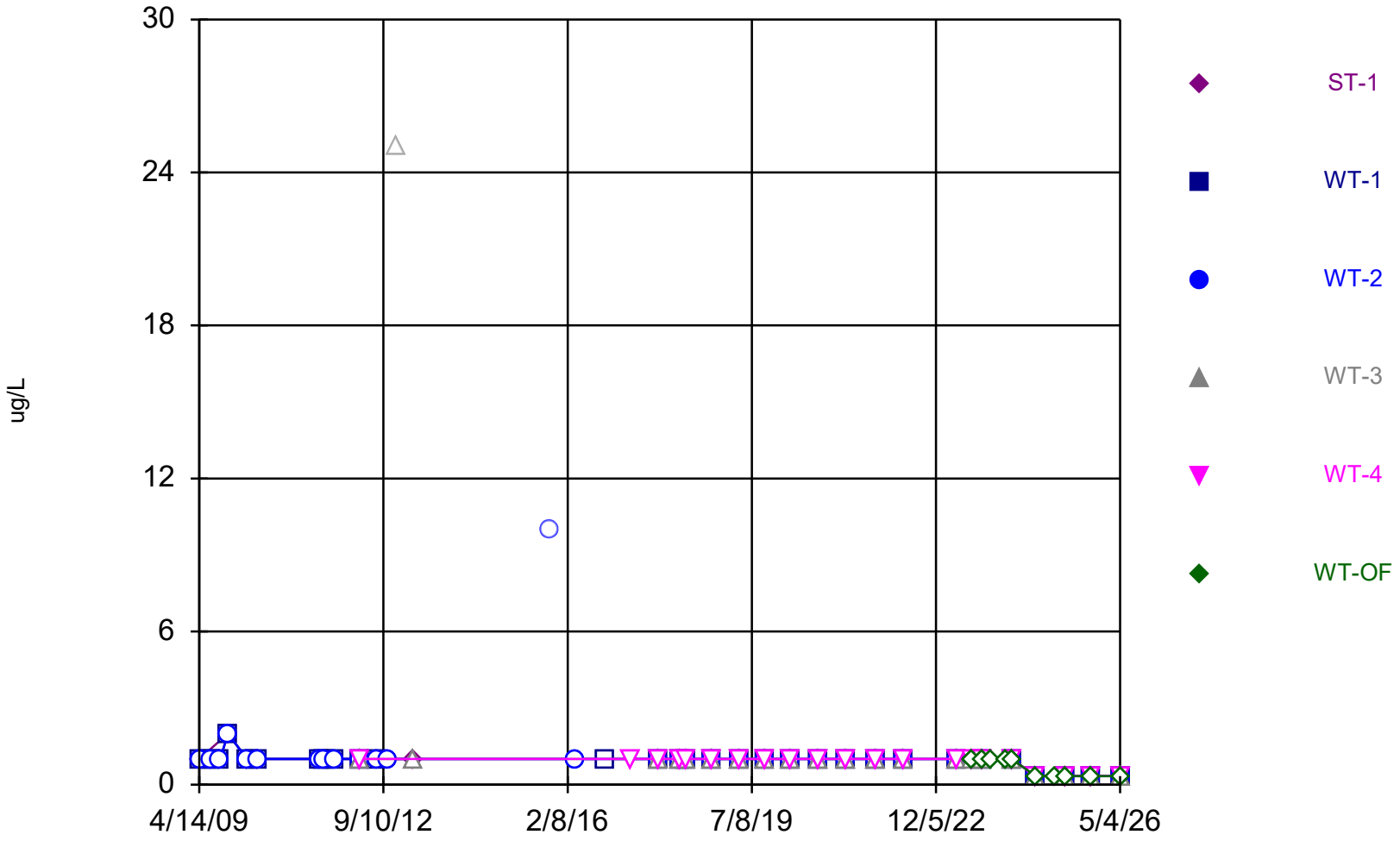


Constituent: cis-1,3-Dichloropropene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

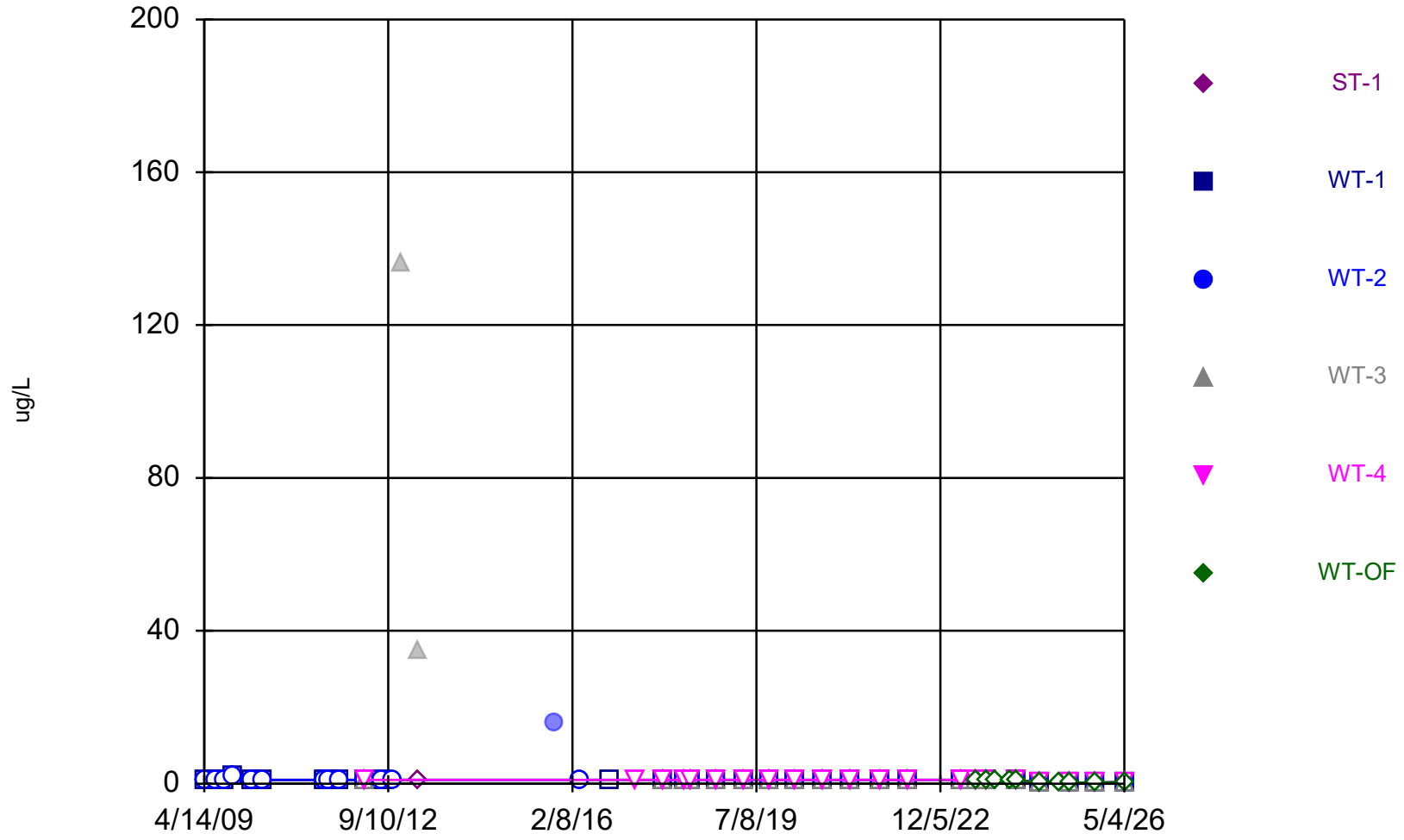


Constituent: Dibromomethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

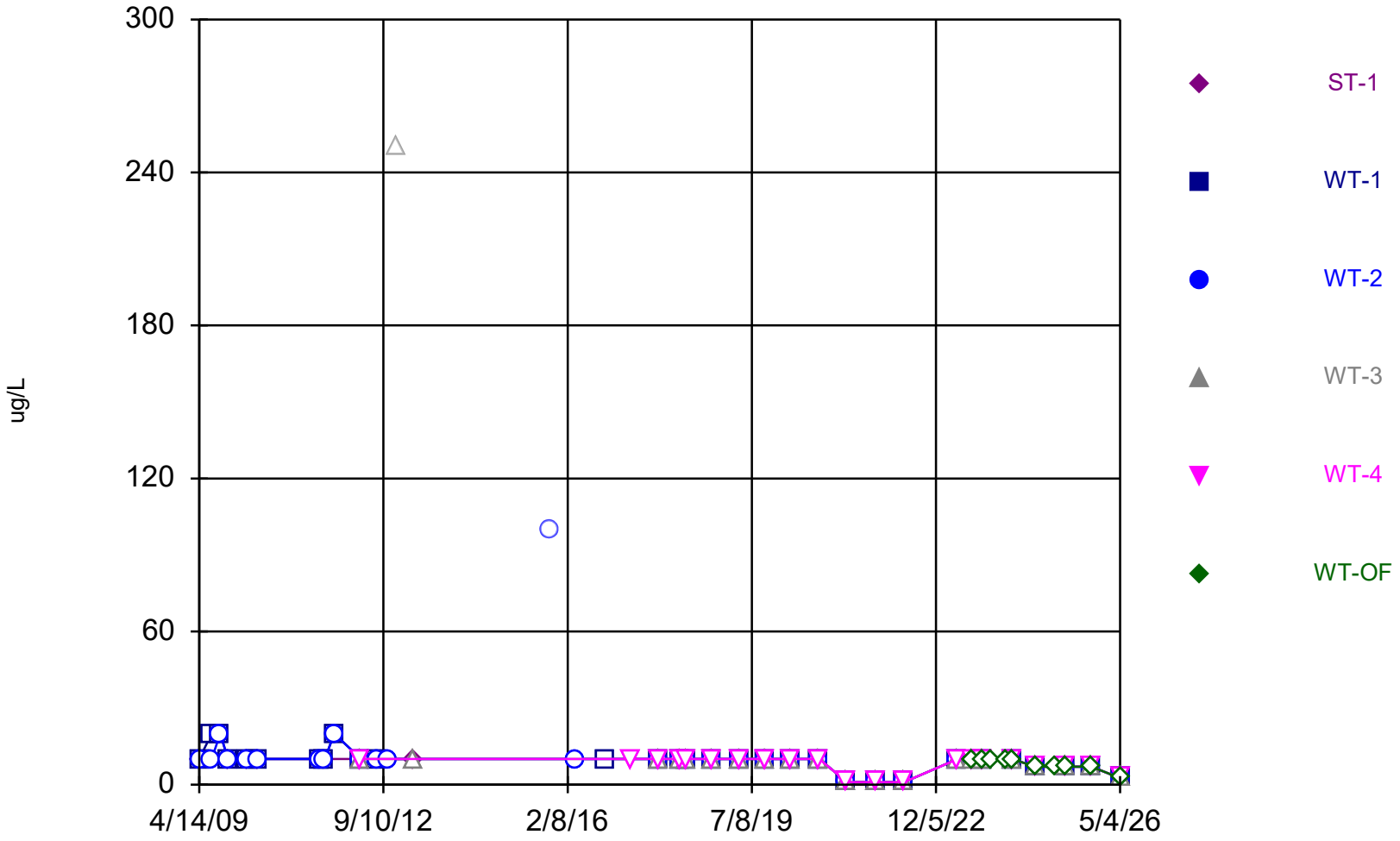


Constituent: Ethylbenzene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

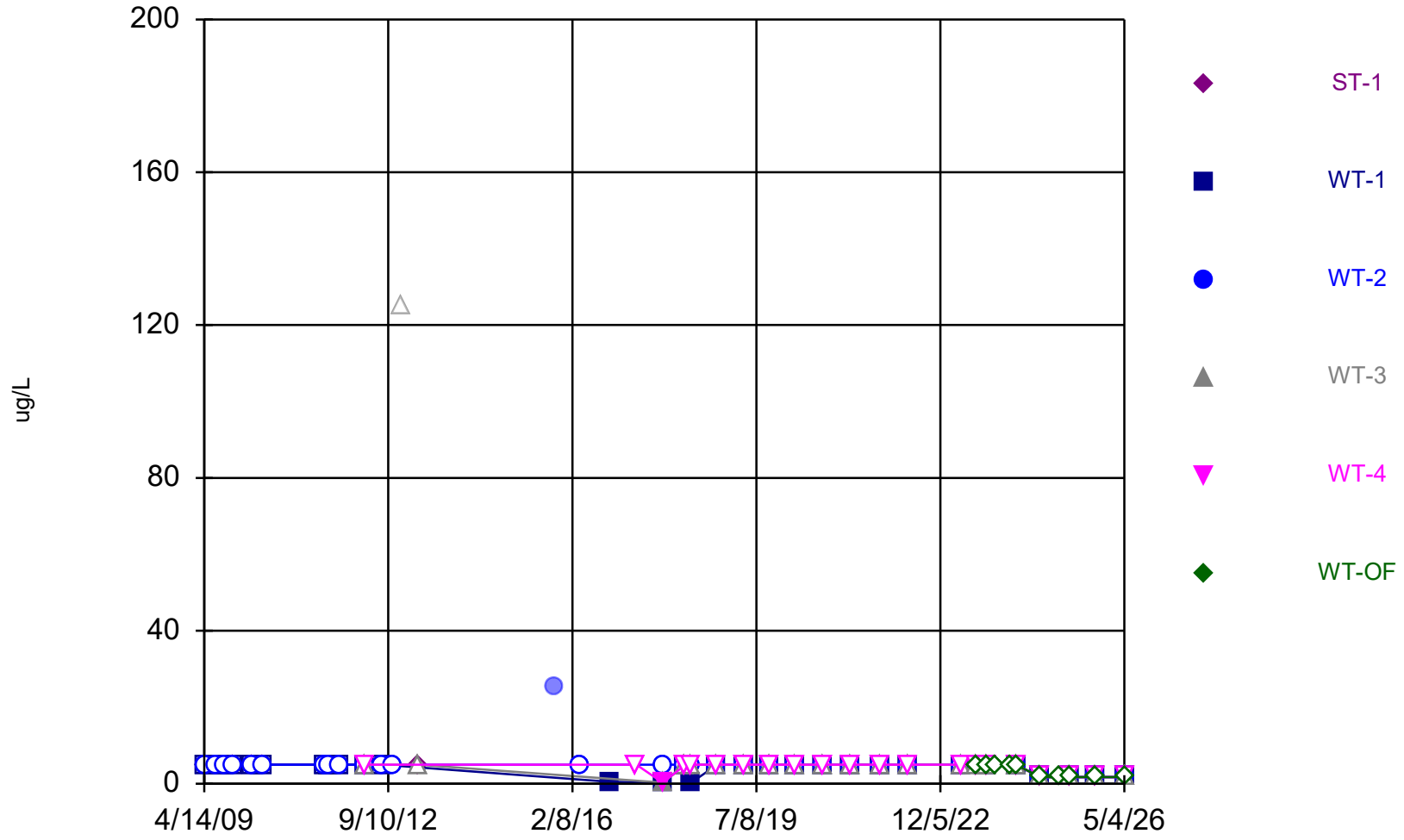


Constituent: Iodomethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

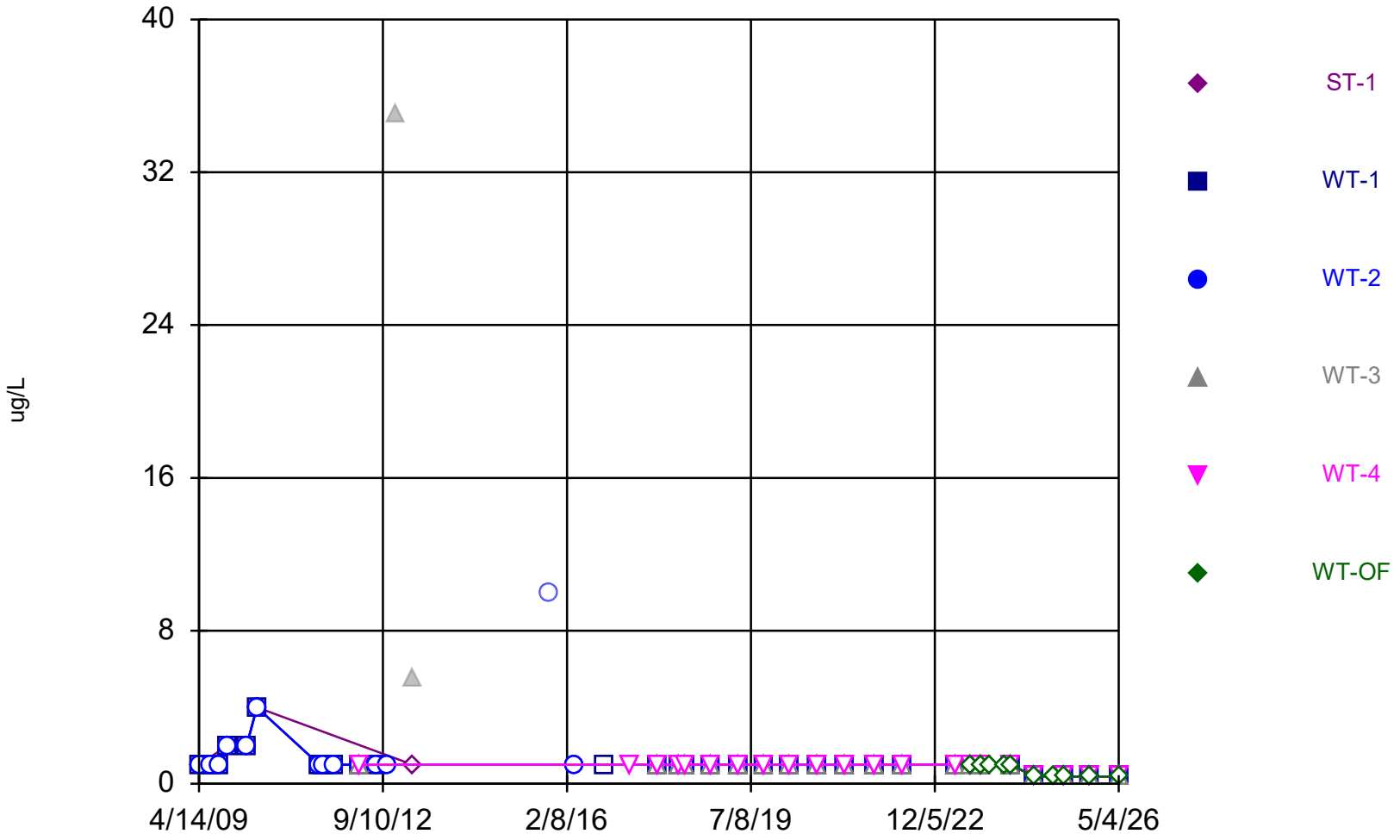


Constituent: Methylene Chloride Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

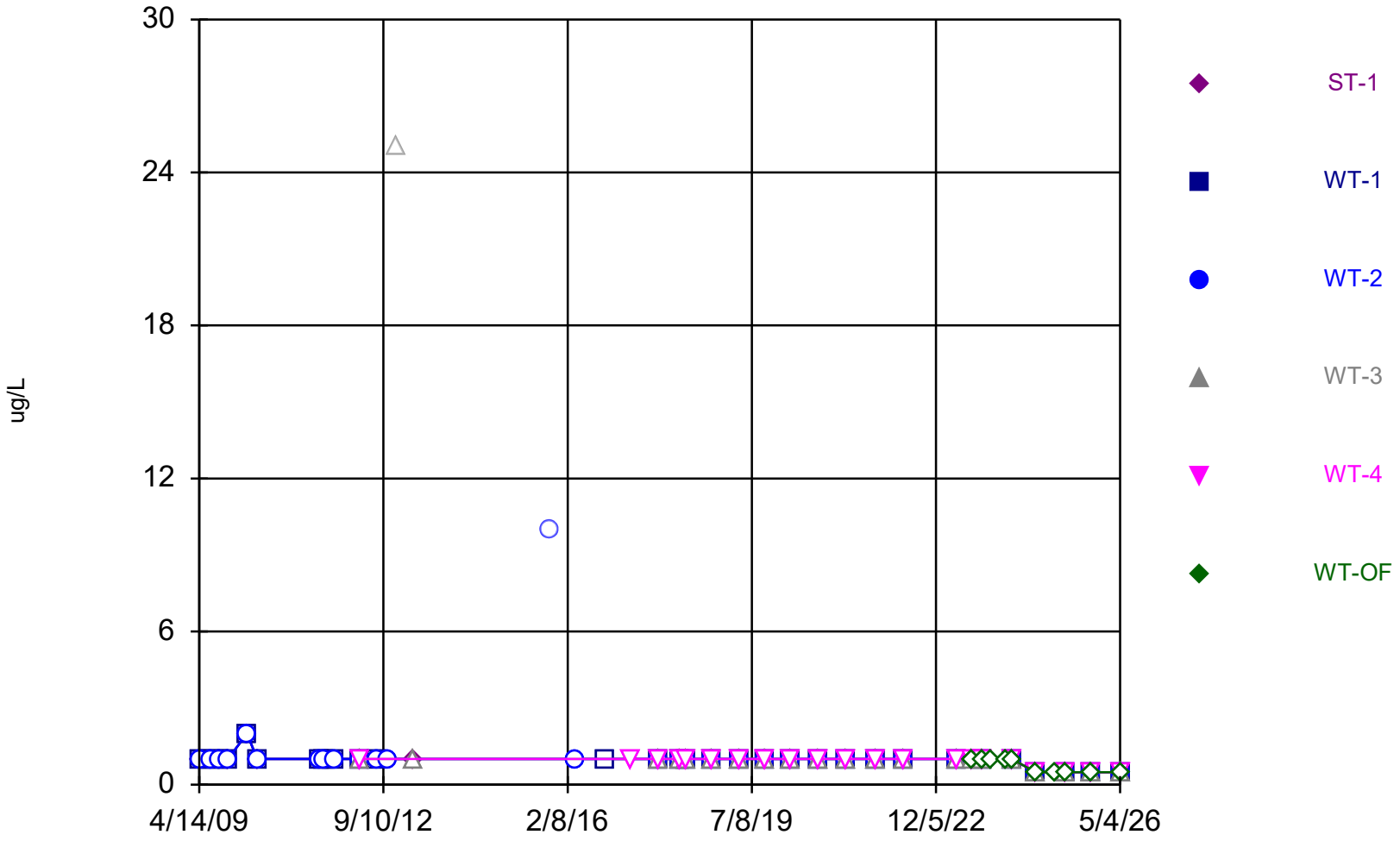


Constituent: Styrene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

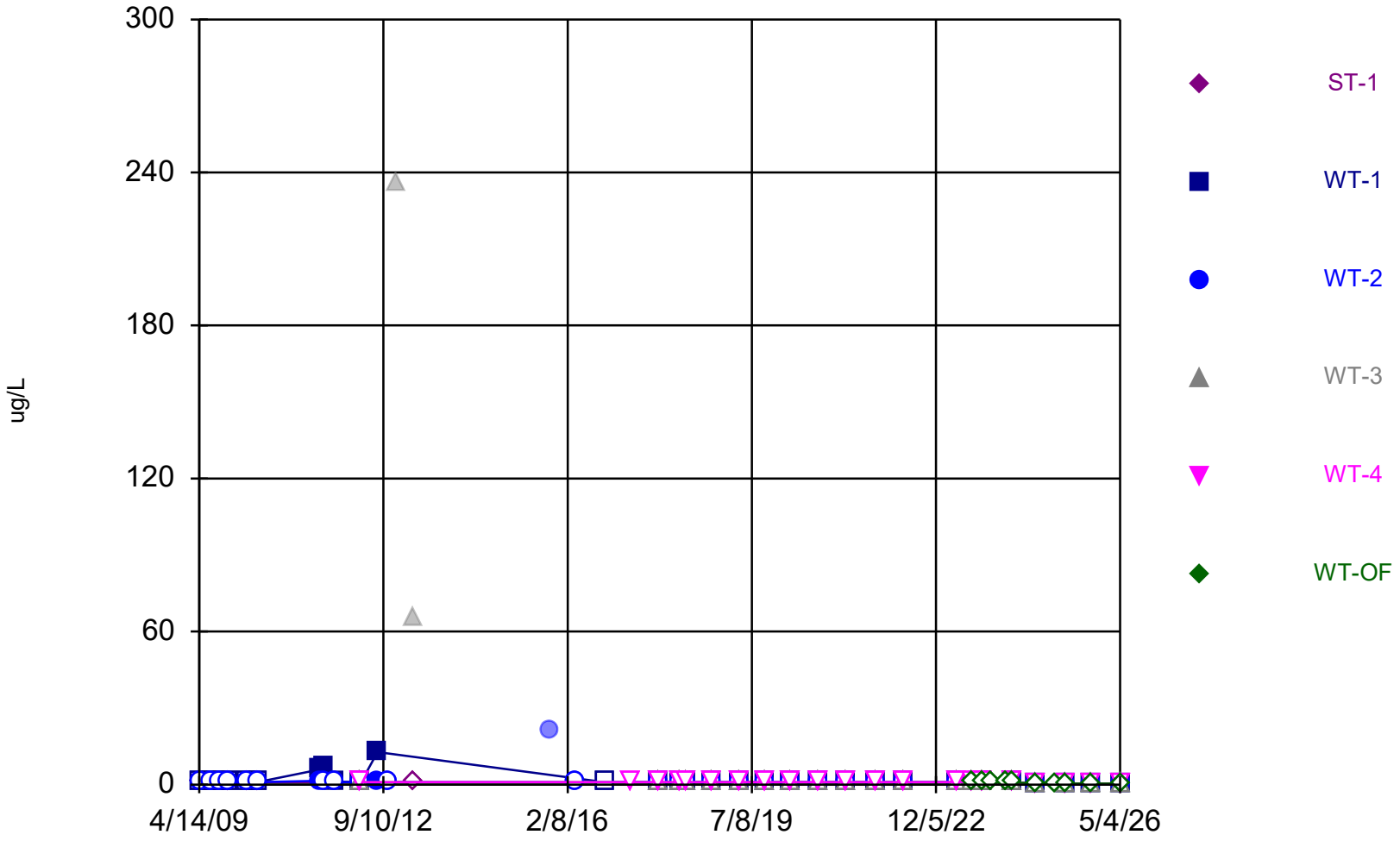


Constituent: Tetrachloroethene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

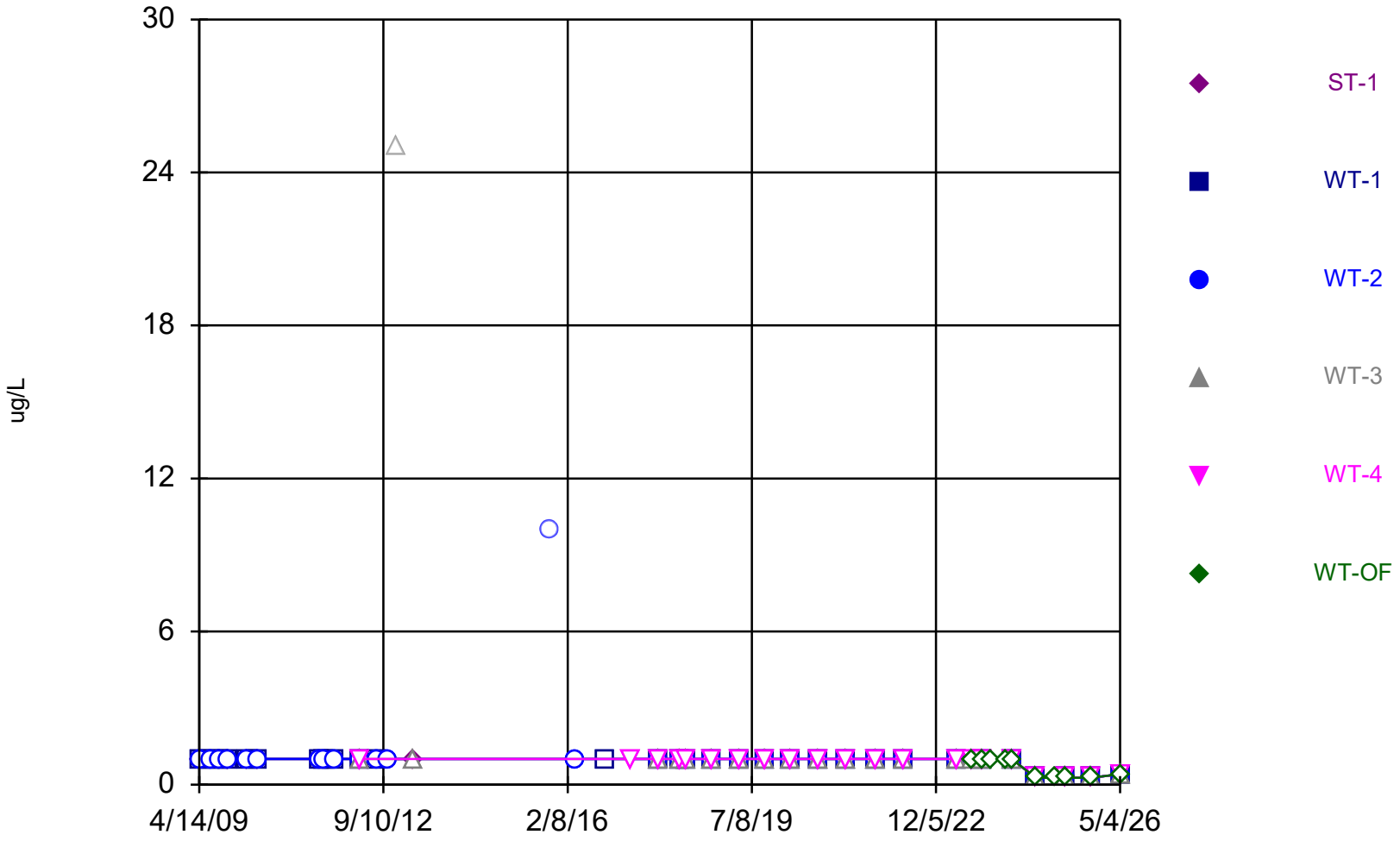


Constituent: Toluene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

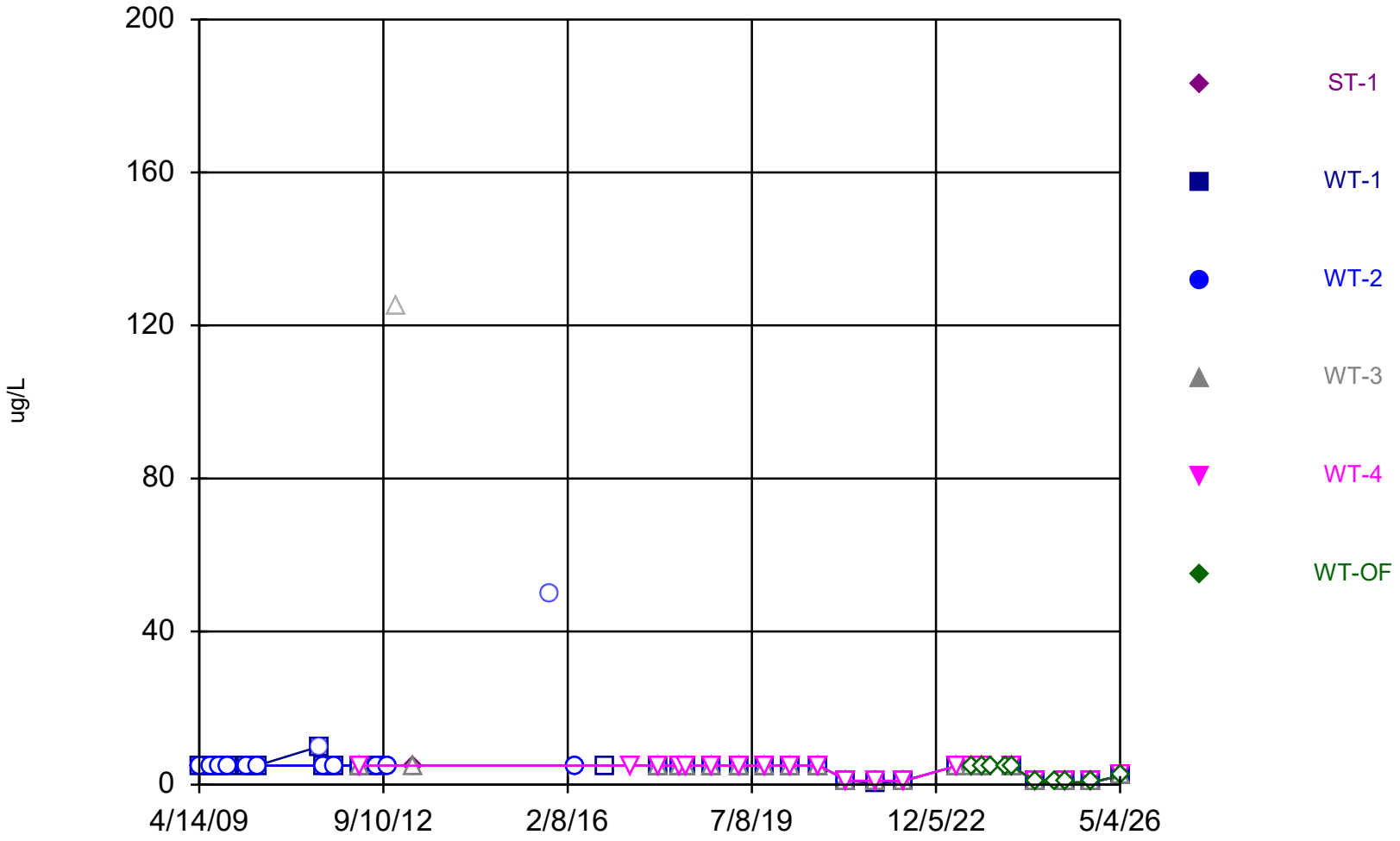


Constituent: trans-1,2-Dichloroethene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

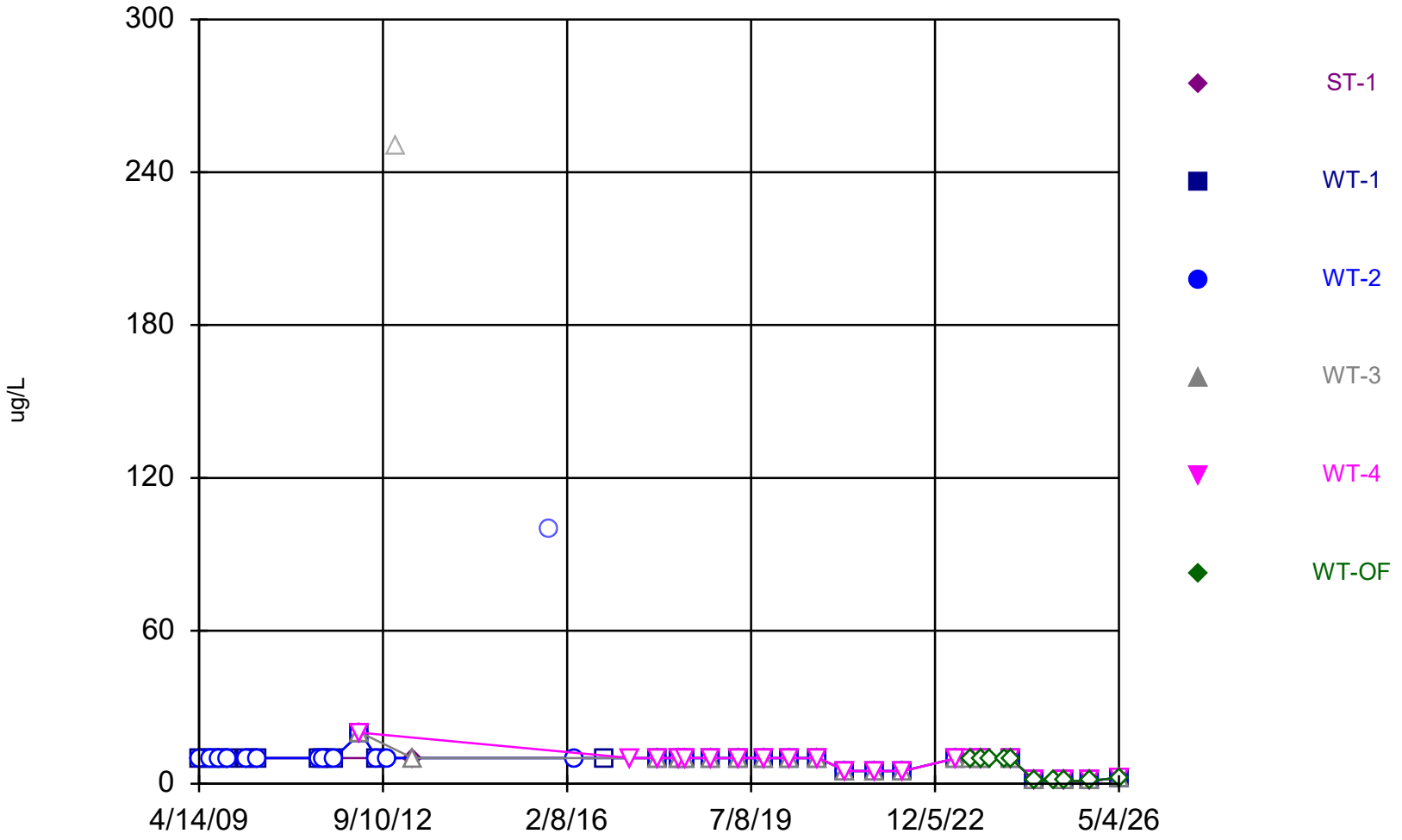


Constituent: trans-1,3-Dichloropropene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

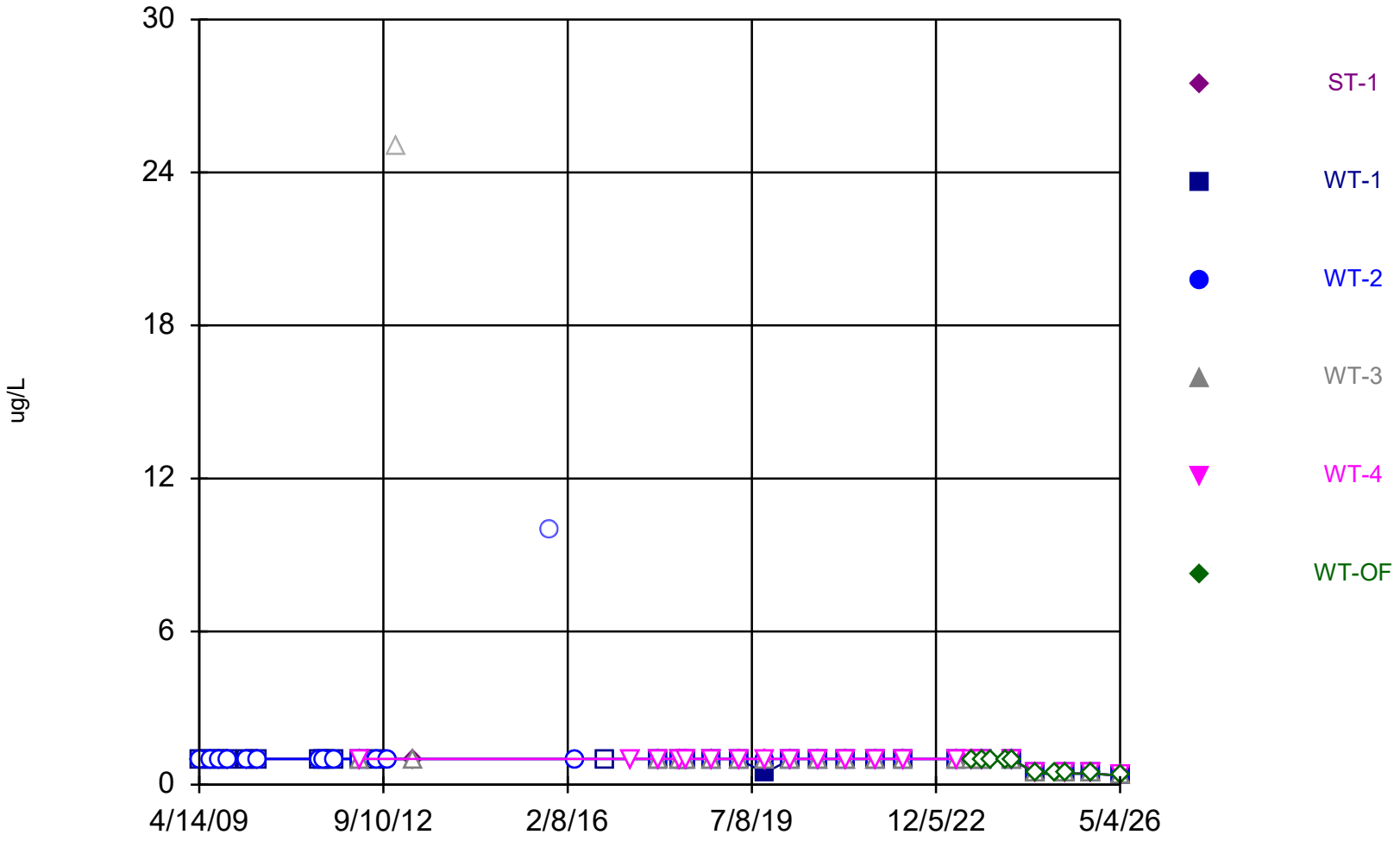


Constituent: trans-1,4-Dichloro-2-Butene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

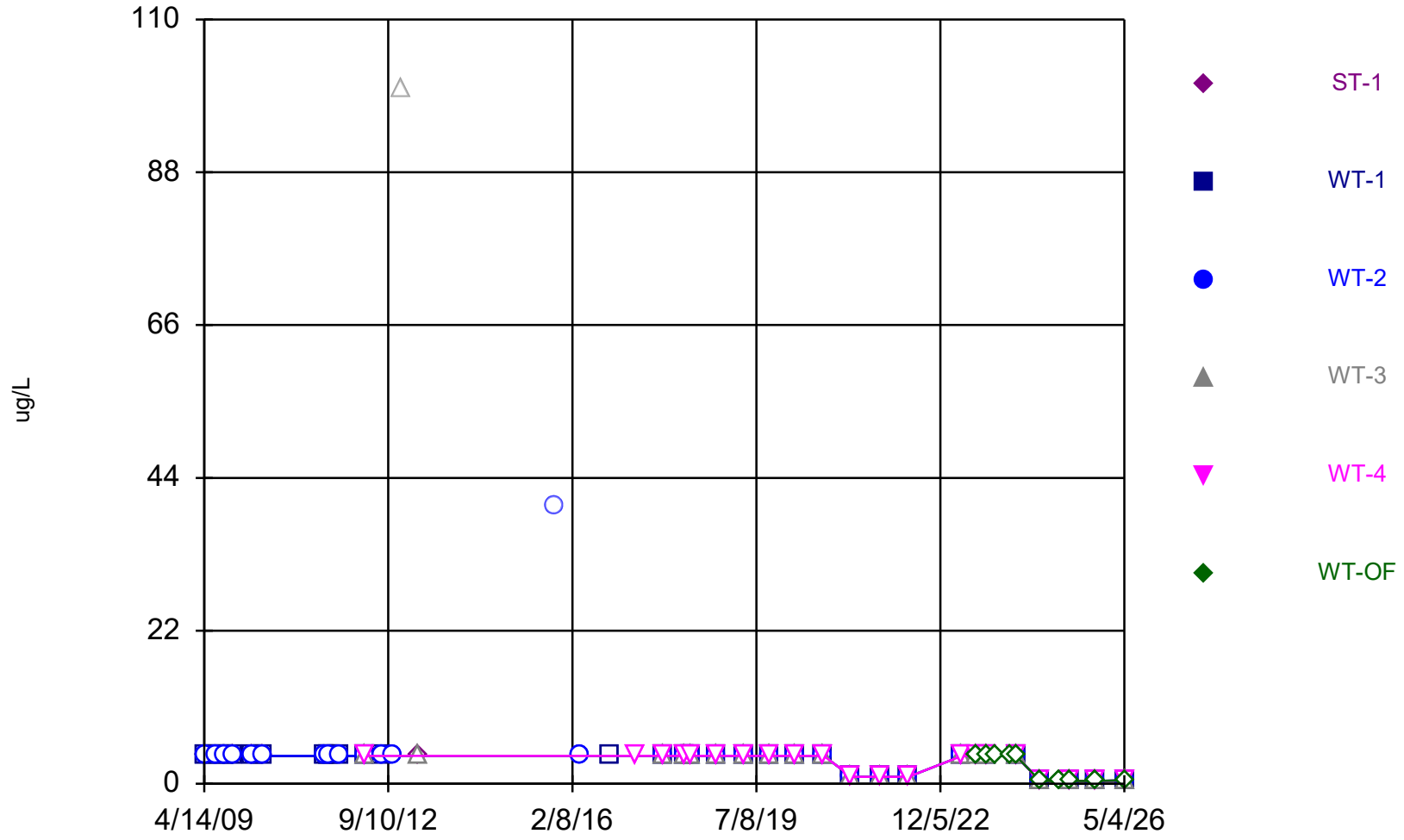


Constituent: Trichloroethene Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

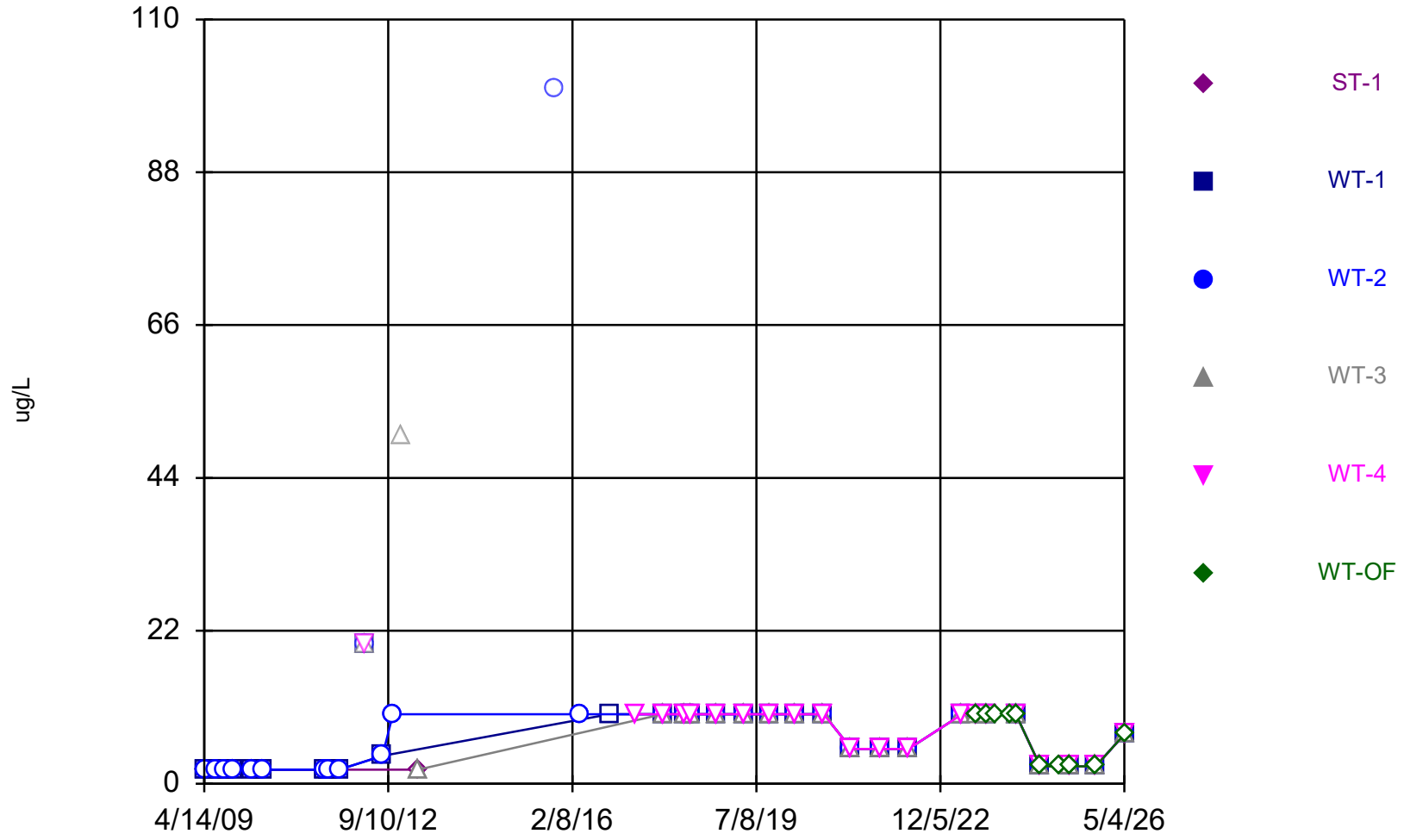


Constituent: Trichlorofluoromethane Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

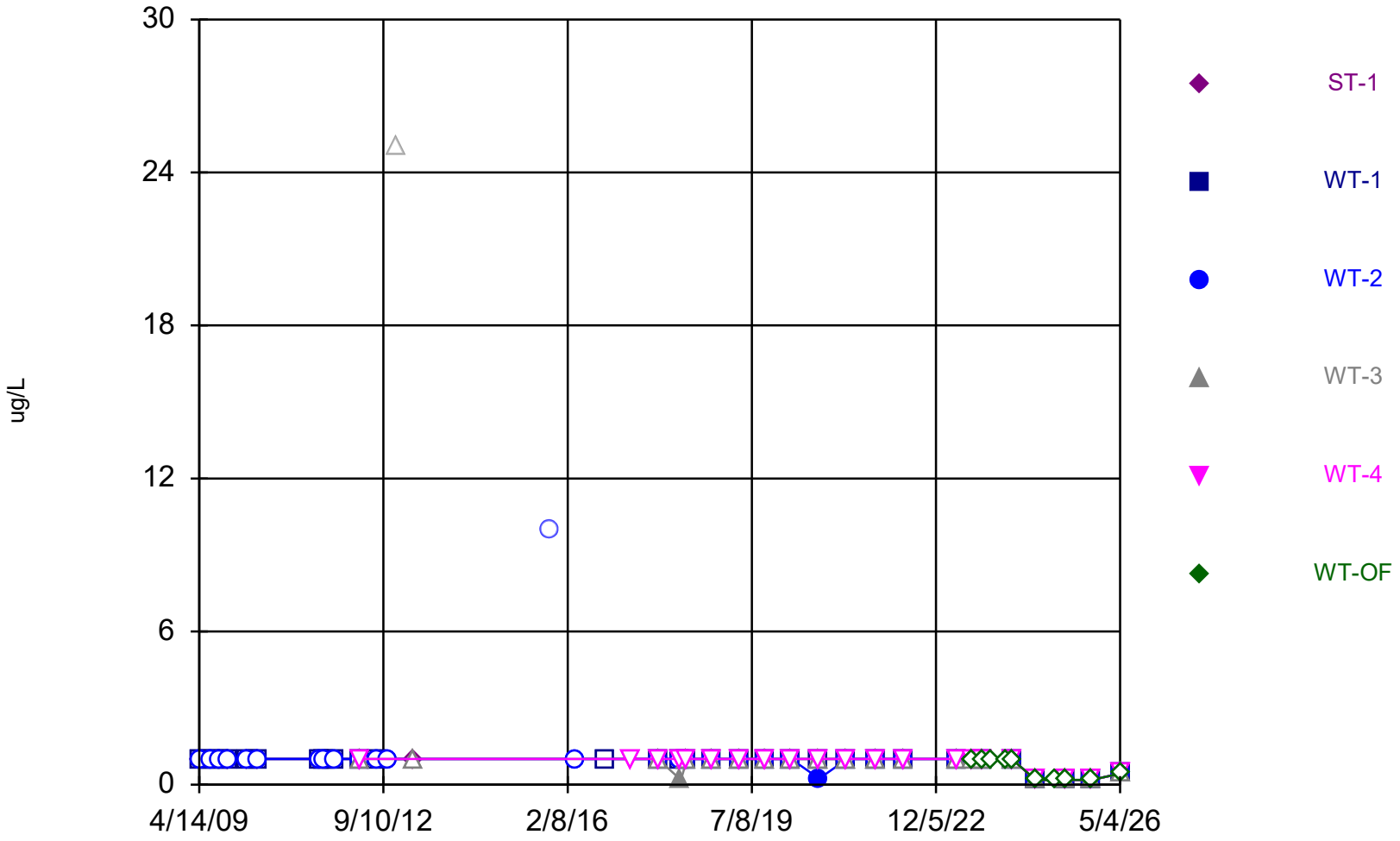


Constituent: Vinyl Acetate Analysis Run 6/30/2026 12:11 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

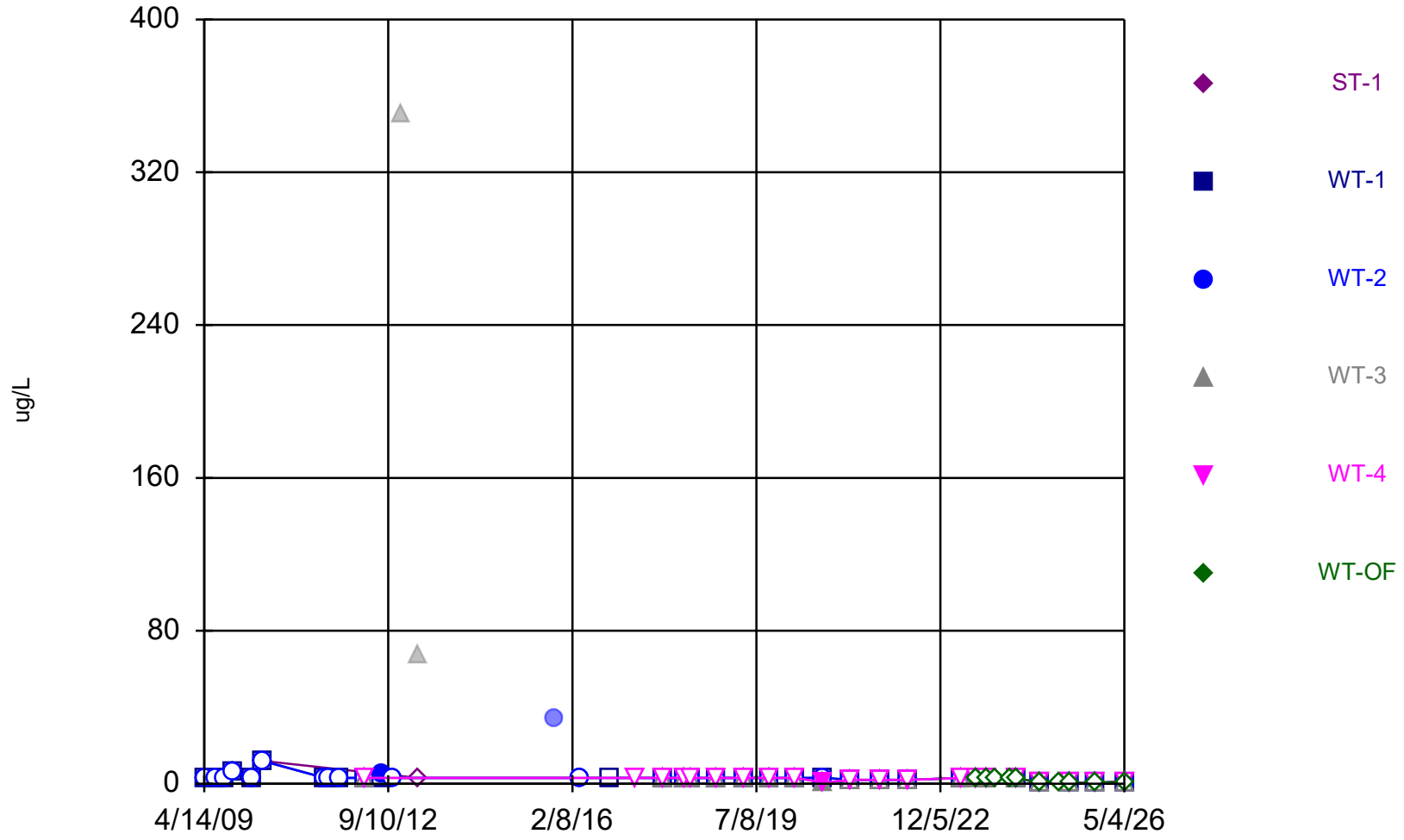


Constituent: Vinyl Chloride Analysis Run 6/30/2026 12:12 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series



Constituent: Xylenes, Total Analysis Run 6/30/2026 12:12 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Groundwater Underdrain –

Box & Whiskers Plots

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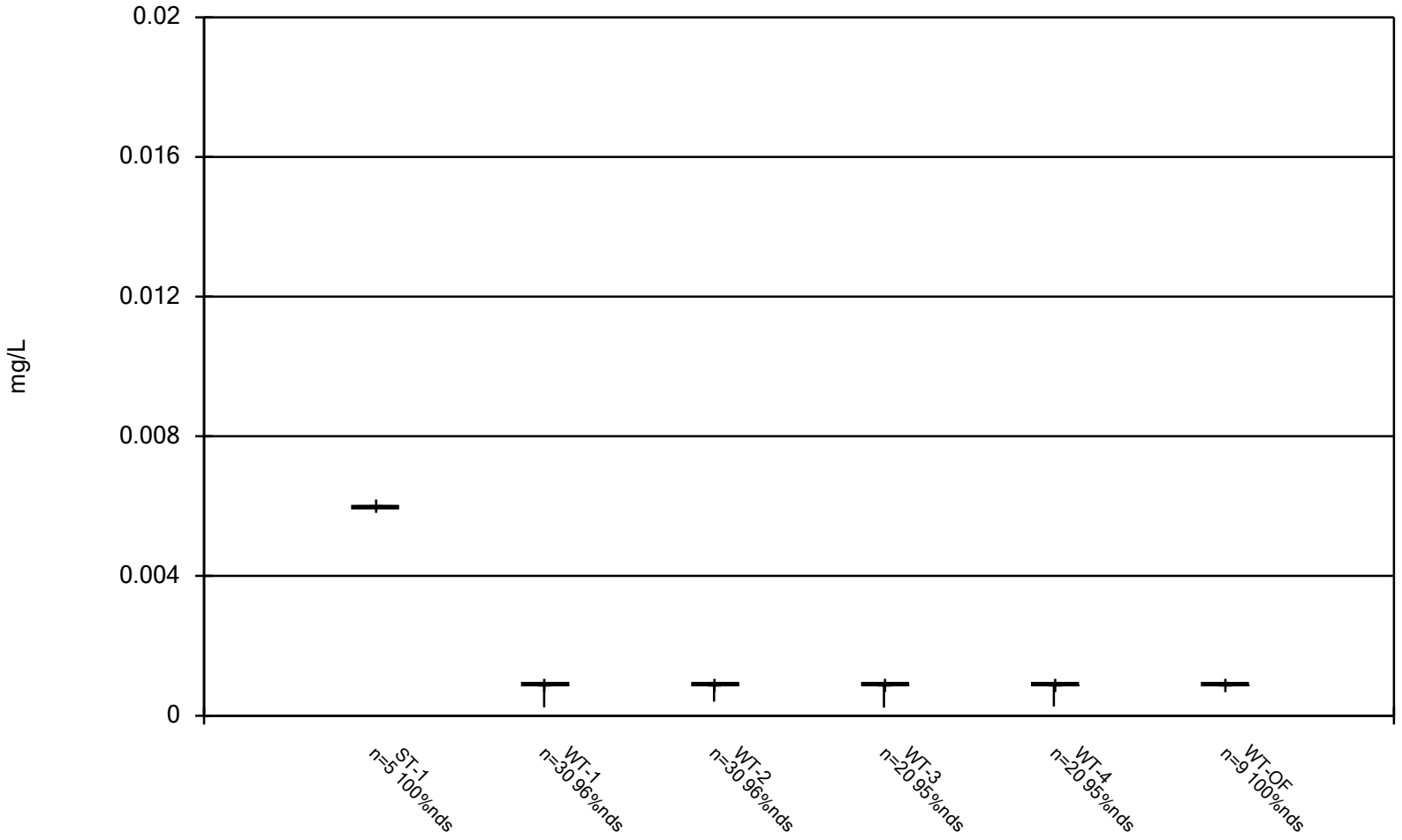
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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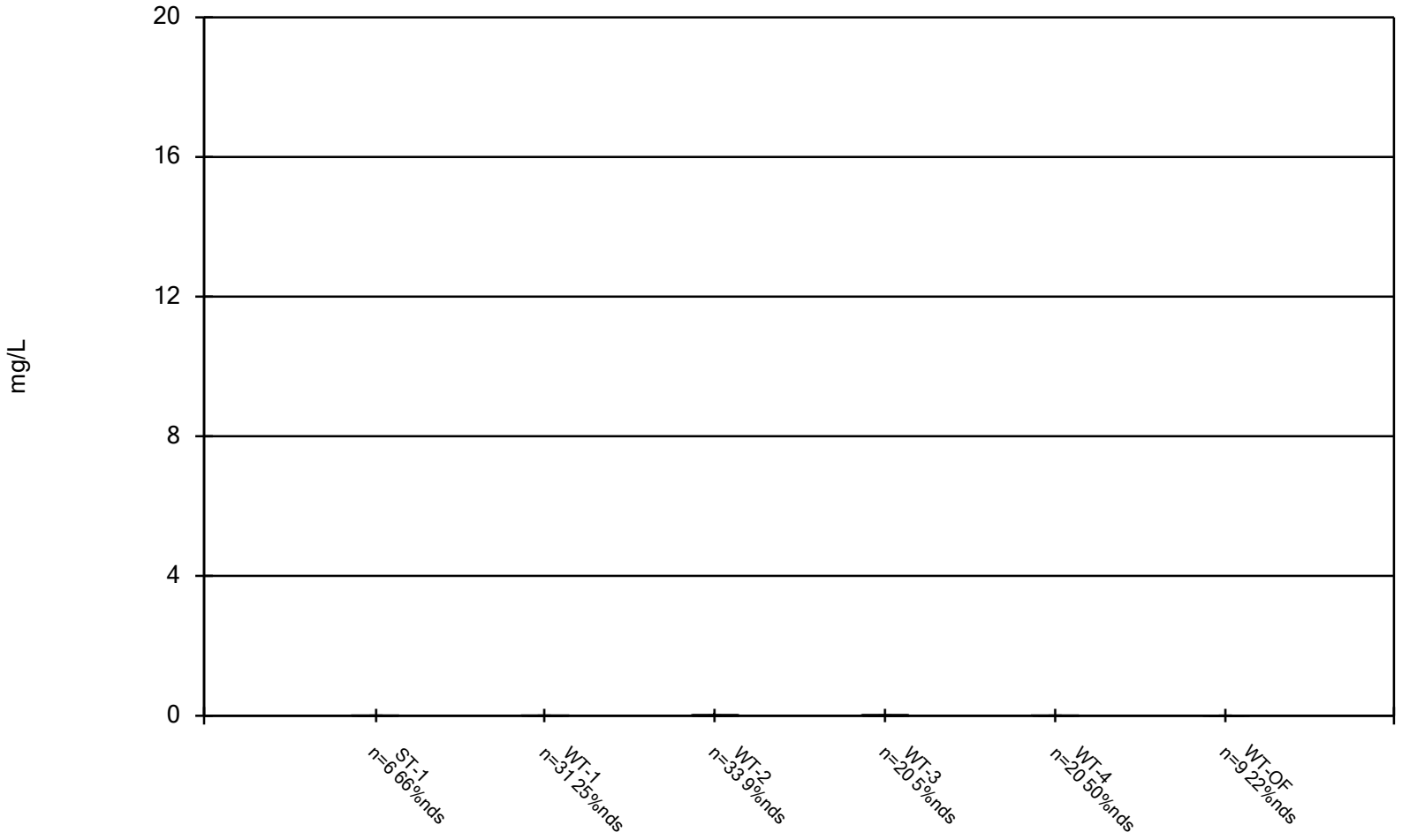
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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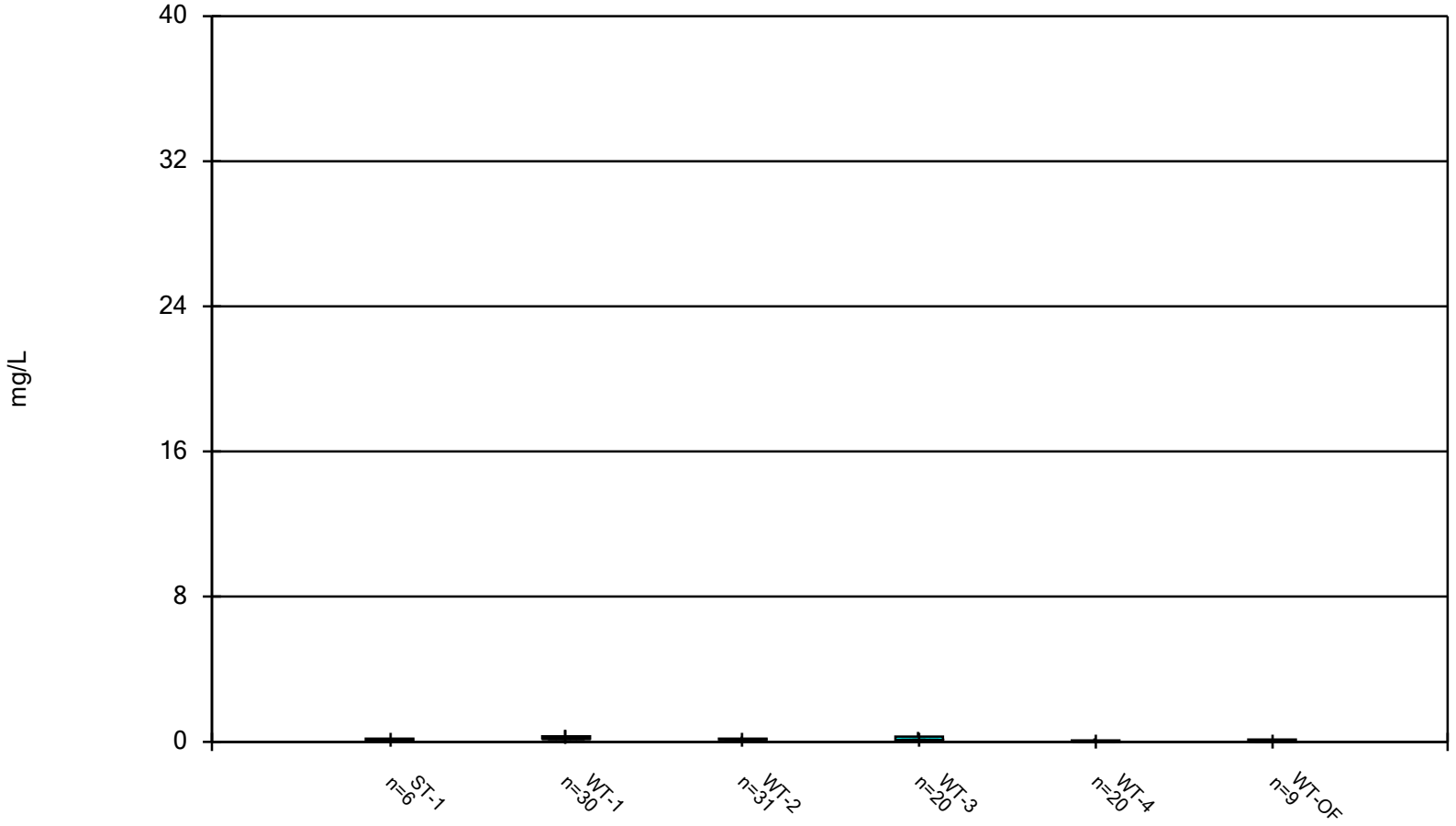
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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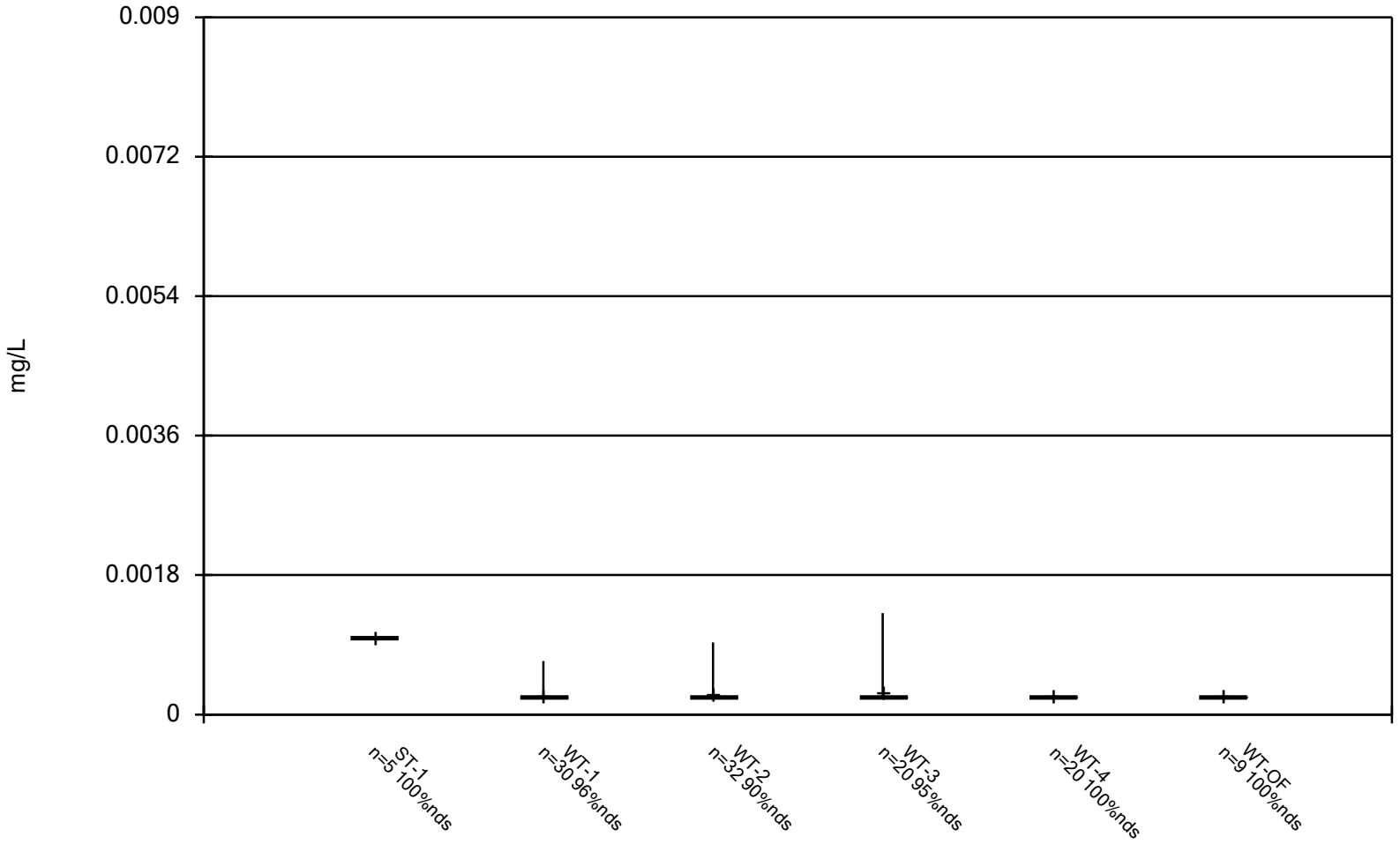
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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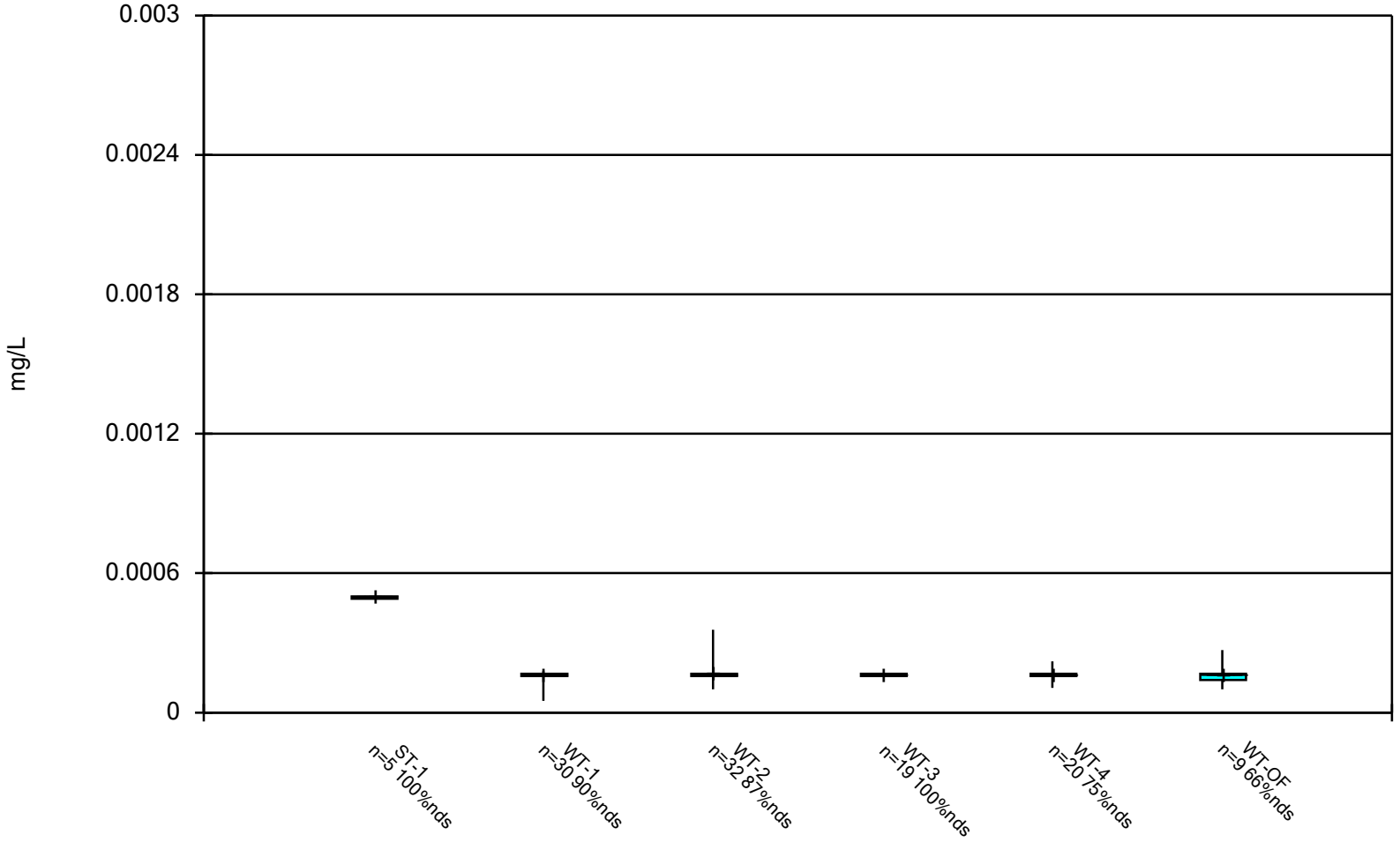
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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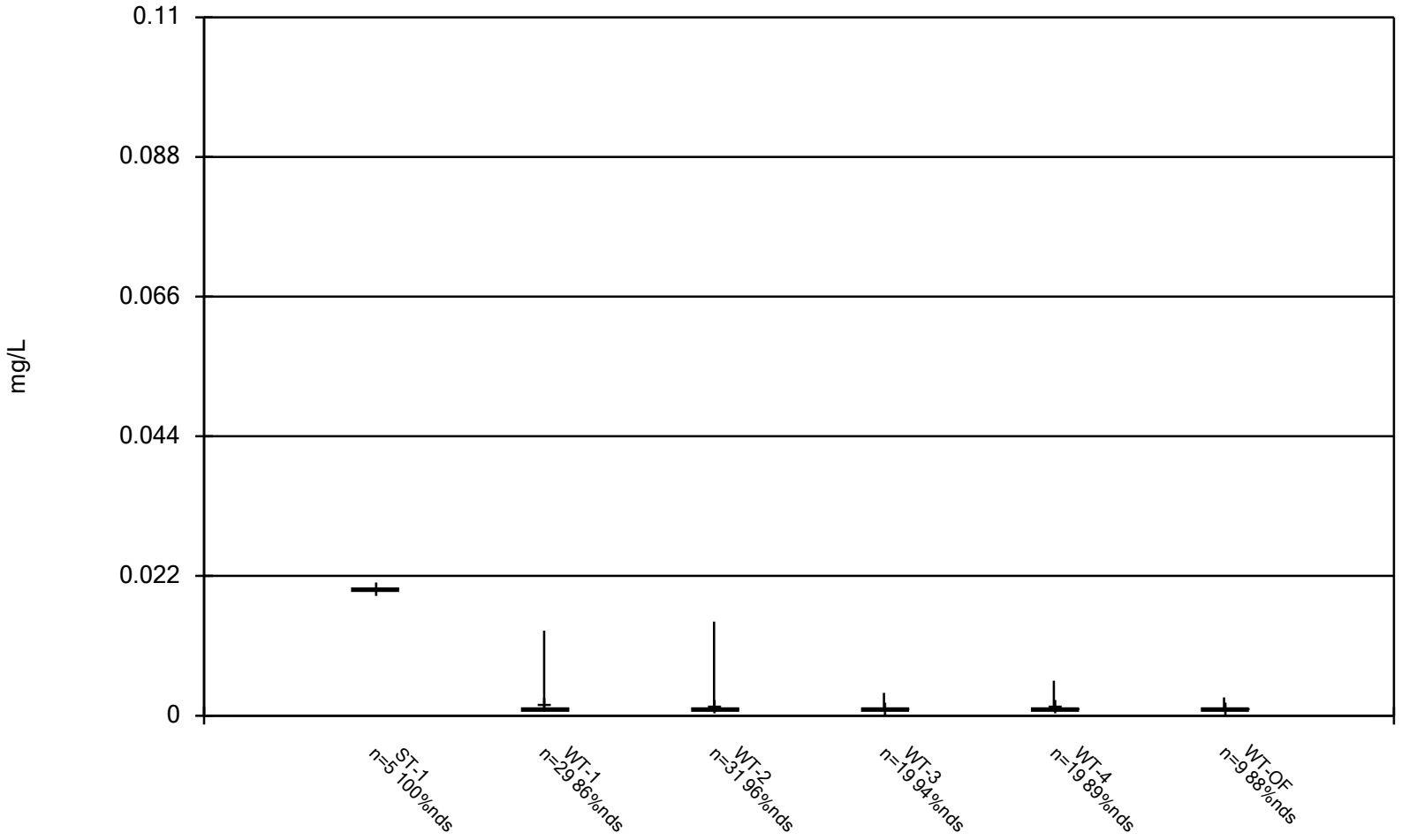

Constituent: Chromium Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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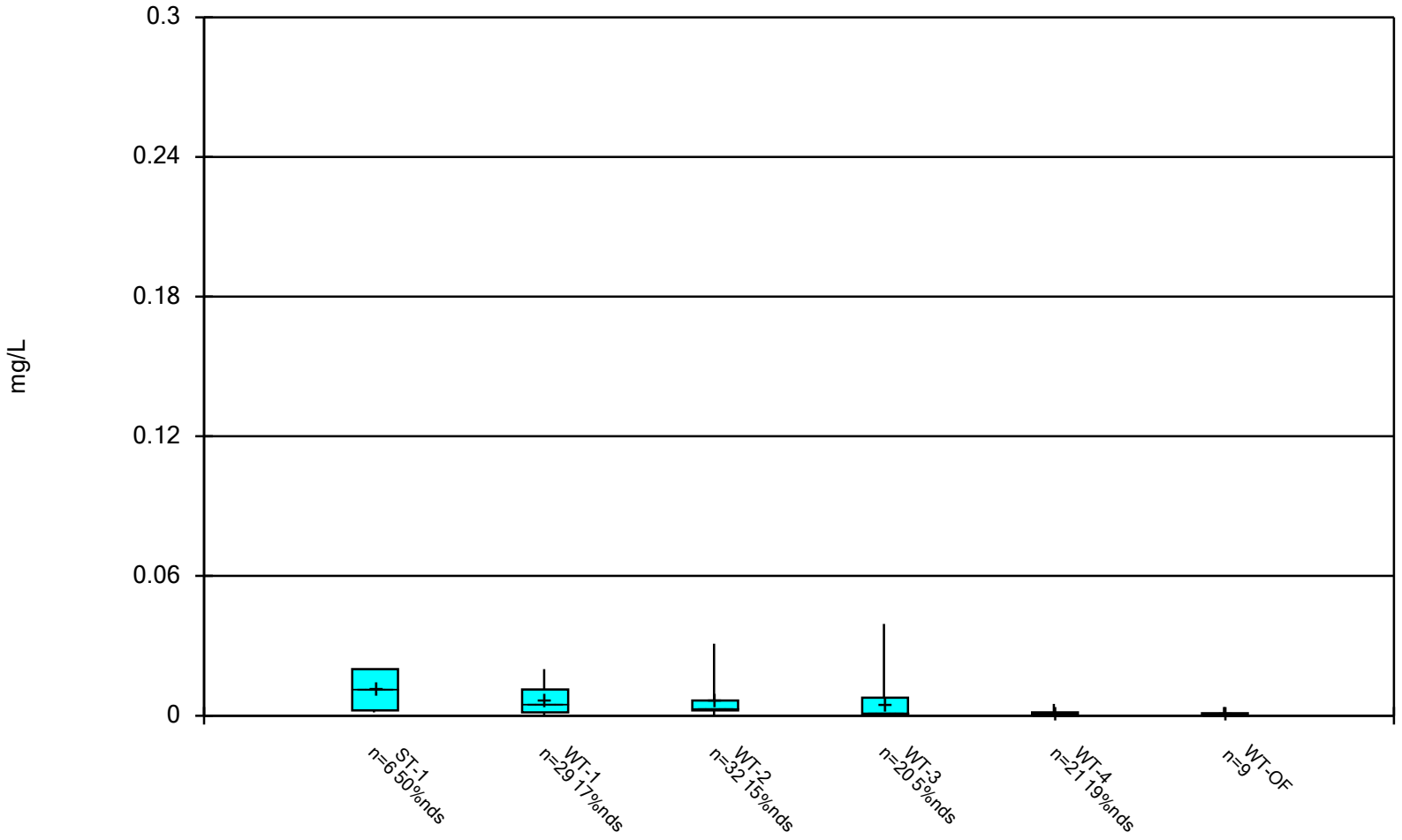
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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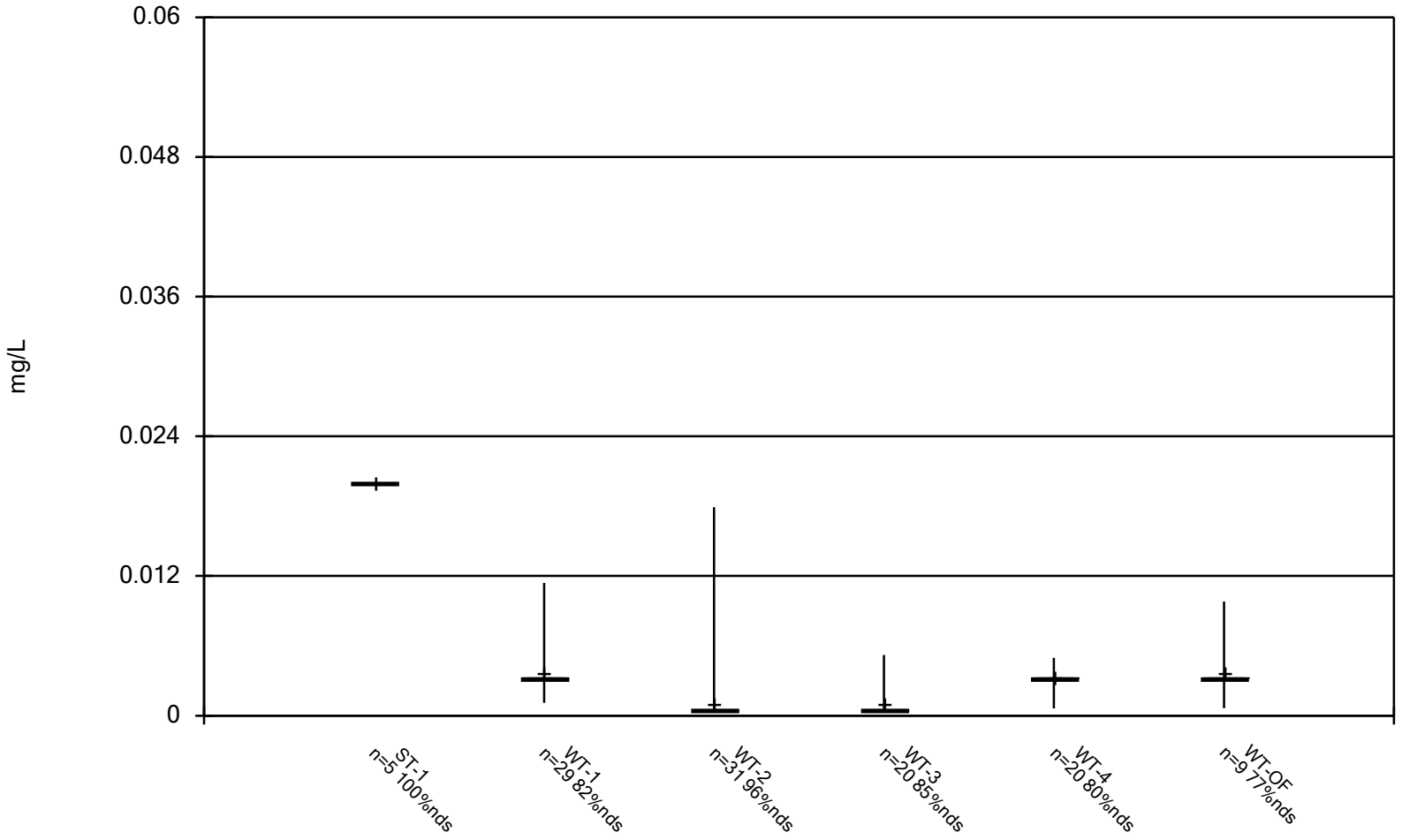

Constituent: Copper Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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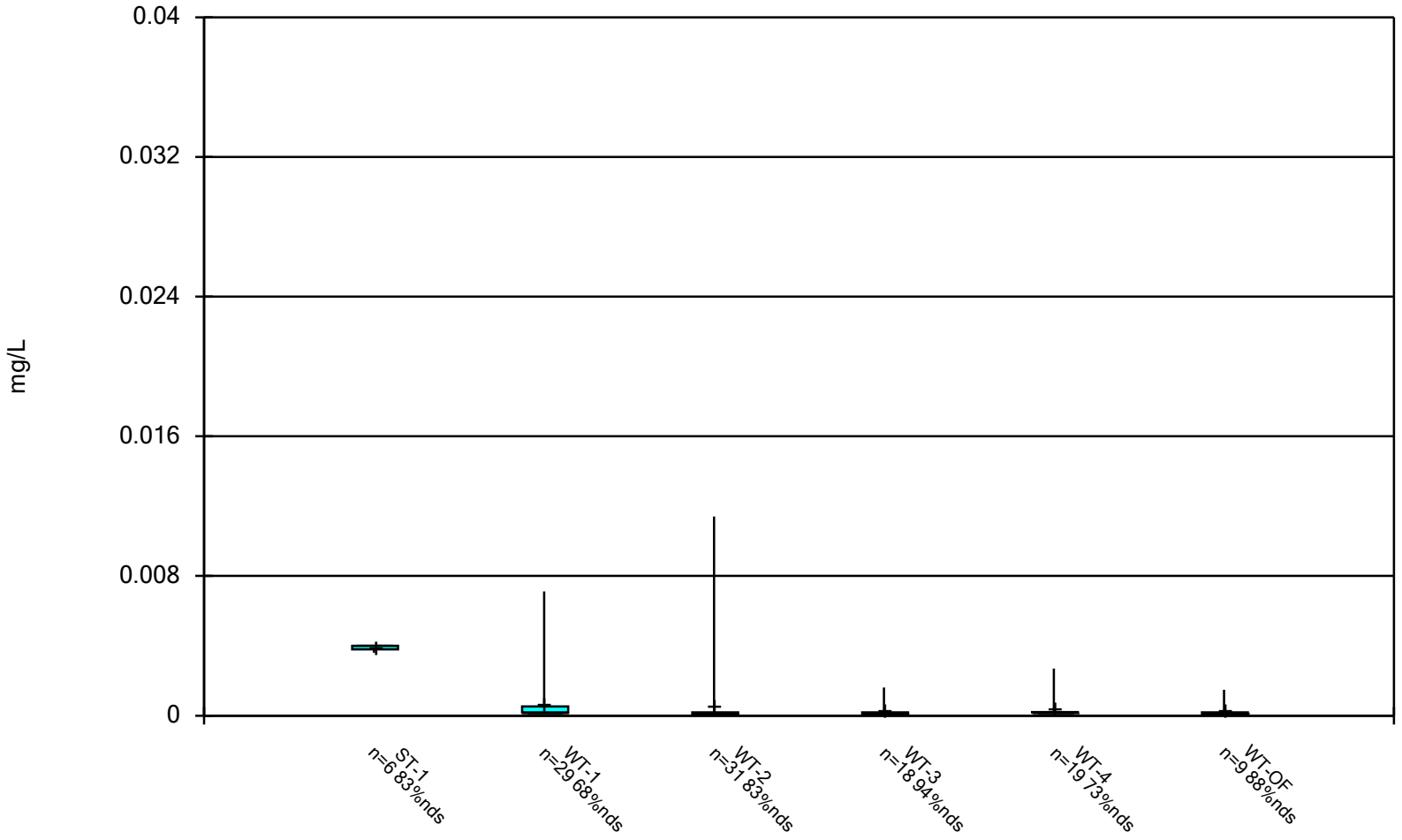

Constituent: Lead Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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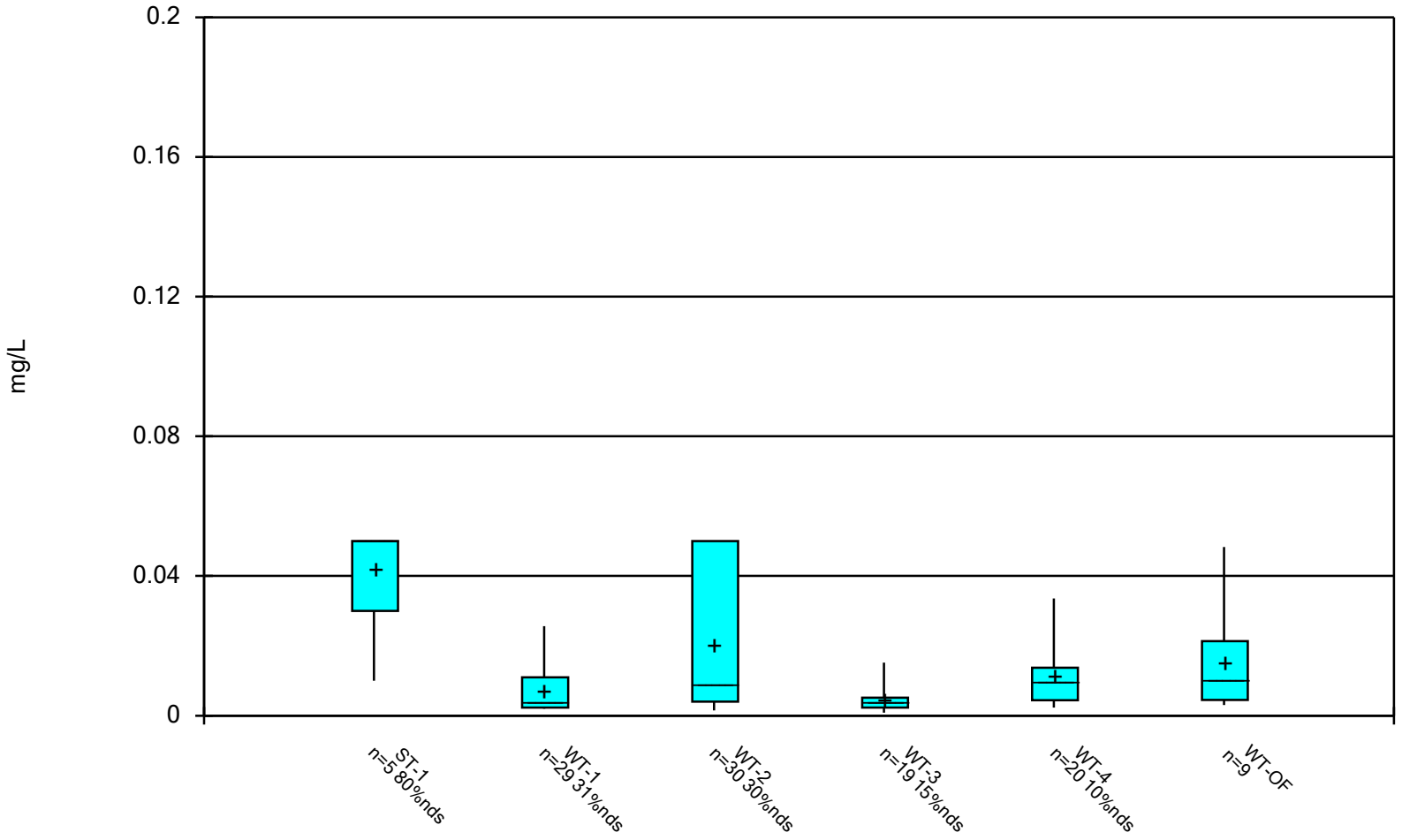
Box & Whiskers Plot

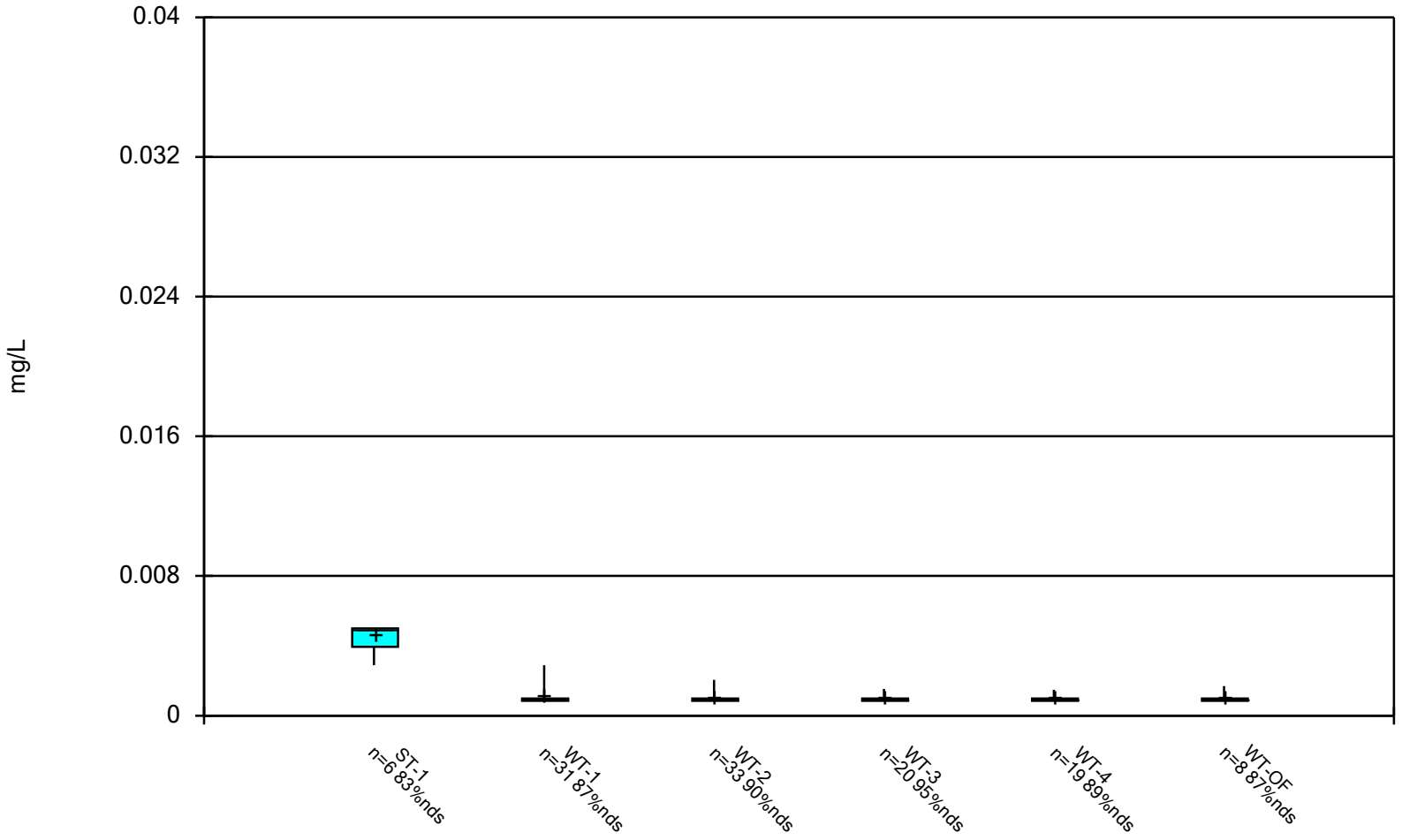


Constituent: Nickel Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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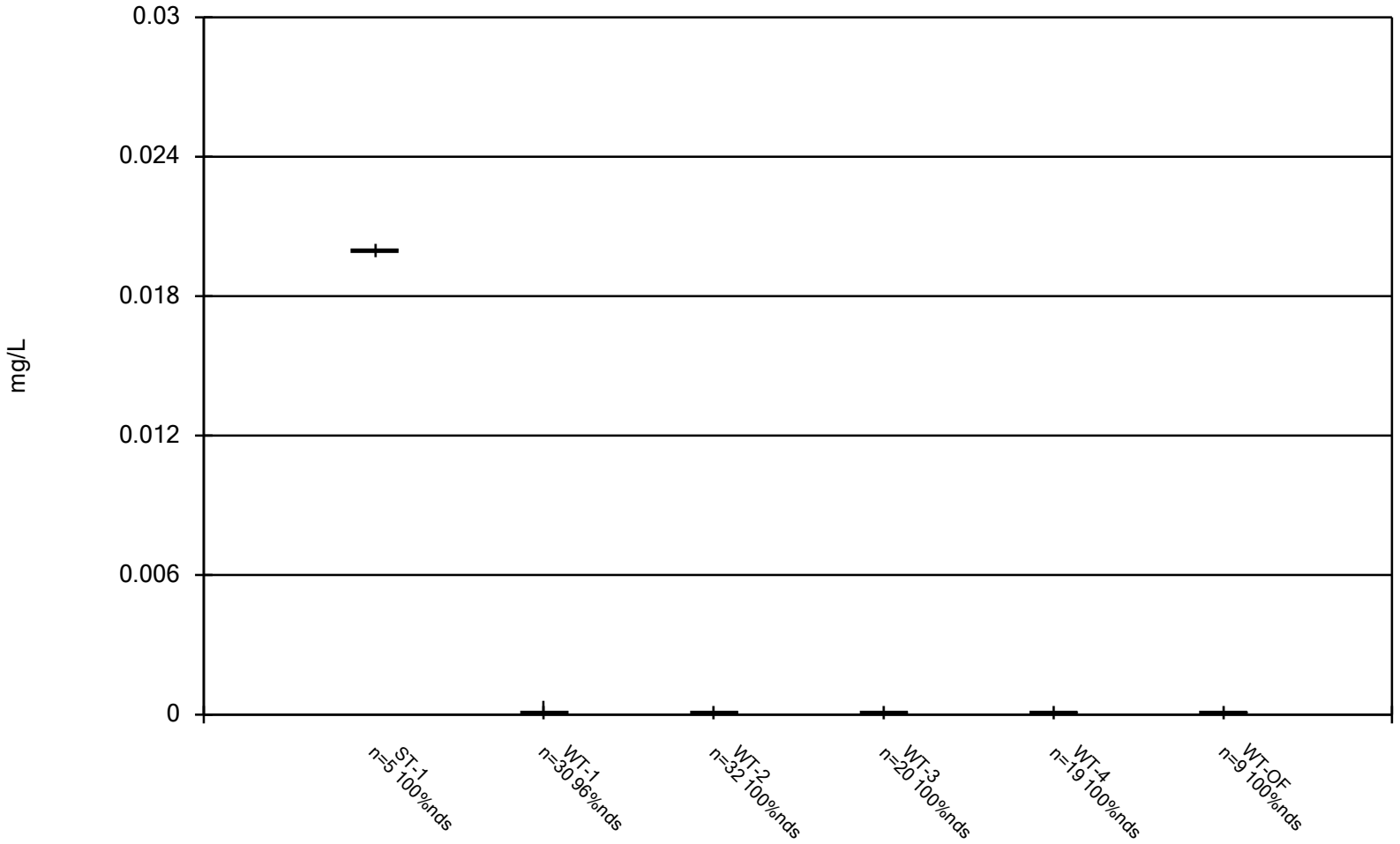
Box & Whiskers Plot



Constituent: Silver Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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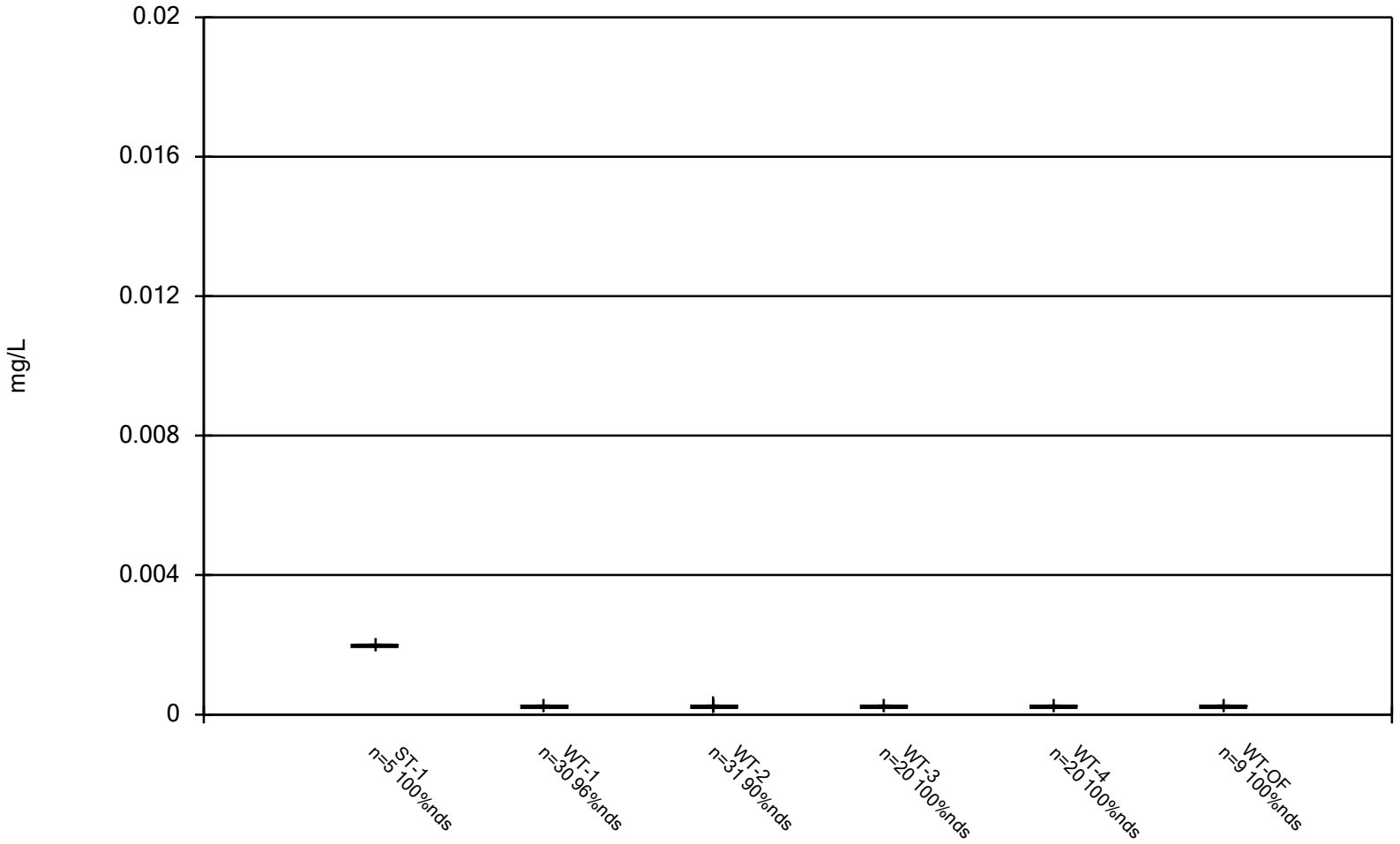
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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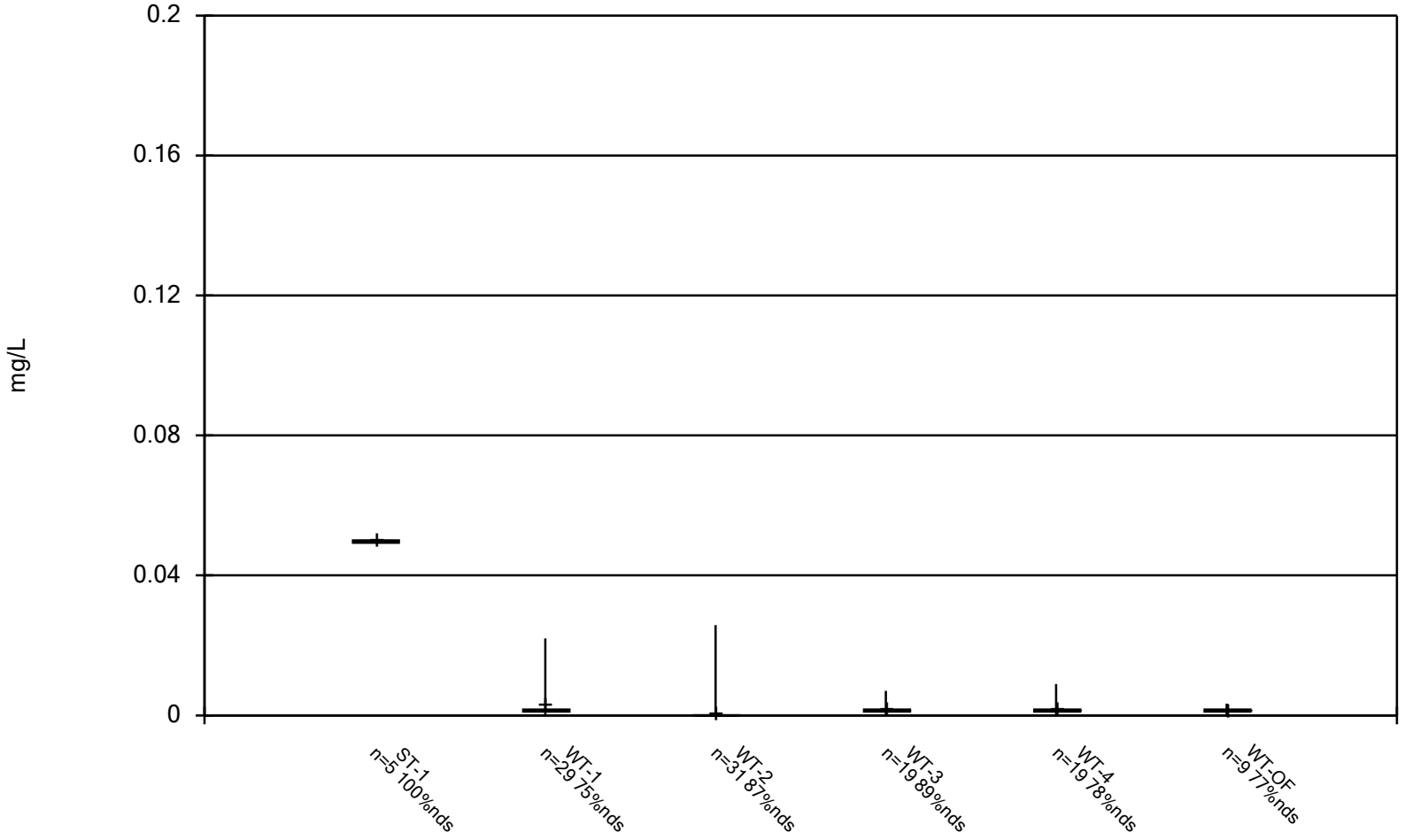

Constituent: Vanadium Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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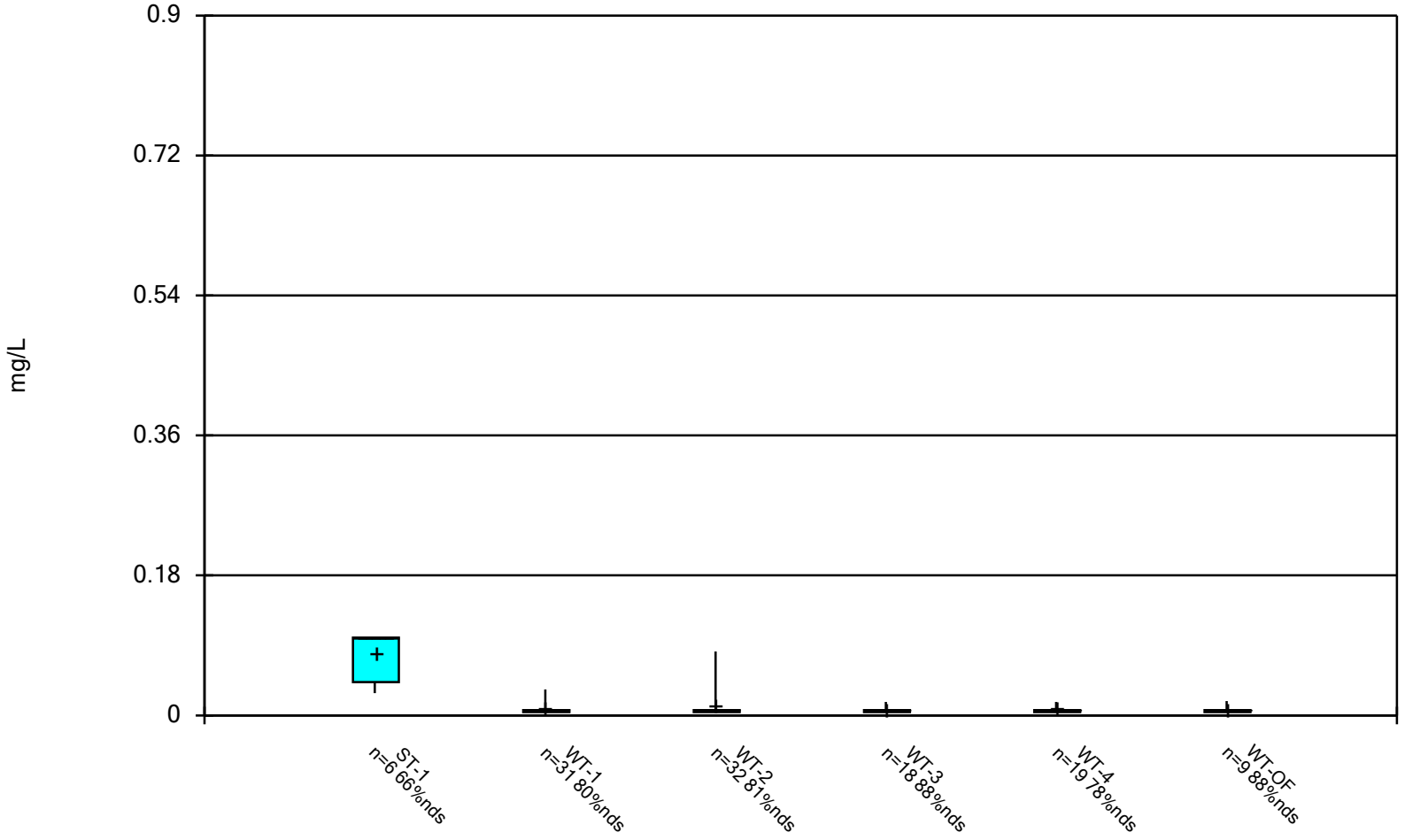
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/30/2026 11:00 AM View: 01_GU_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 11:04 AM

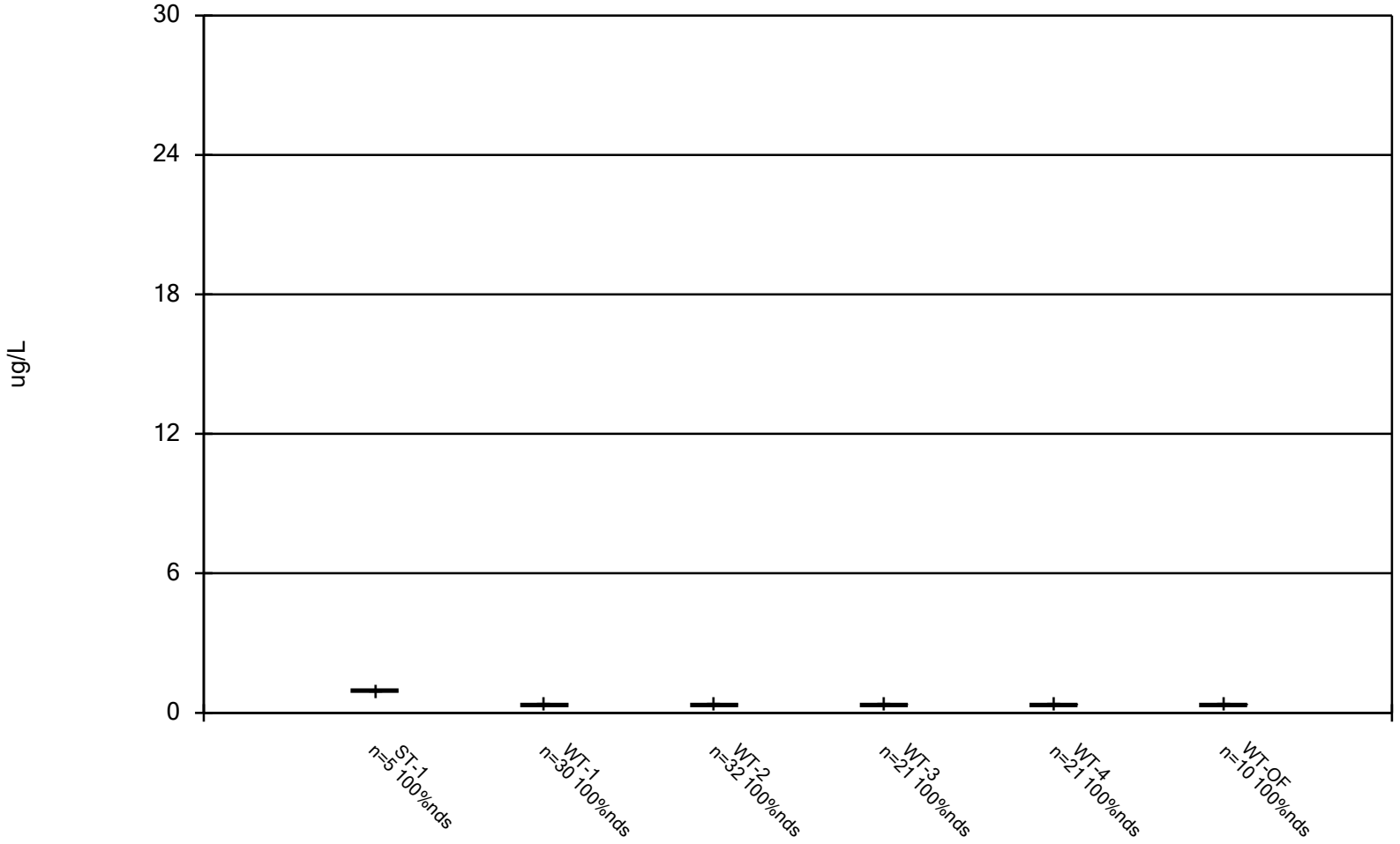
Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Antimony (mg/L)	ST-1	5	0.006	0	0	0.006	0.006	0.006	0.006	0.006	100
Antimony (mg/L)	WT-1	30	0.0009099	0.0001267	0.00002313	0.000933	0.000933	0.000933	0.000239	0.000933	96.67
Antimony (mg/L)	WT-2	30	0.0009153	0.00009676	0.00001767	0.000933	0.000933	0.000933	0.000403	0.000933	96.67
Antimony (mg/L)	WT-3	20	0.000898	0.0001565	0.000035	0.000933	0.000933	0.000933	0.000233	0.000933	95
Antimony (mg/L)	WT-4	20	0.0008997	0.0001489	0.0000333	0.000933	0.000933	0.000933	0.000267	0.000933	95
Antimony (mg/L)	WT-OF	9	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Arsenic (mg/L)	ST-1	6	0.00135	0.0006442	0.000263	0.001	0.001	0.00205	0.001	0.0026	66.67
Arsenic (mg/L)	WT-1	31	0.003276	0.003099	0.0005566	0.002	0.00053	0.00619	0.00053	0.01045	25.81
Arsenic (mg/L)	WT-2	33	0.009705	0.01542	0.002684	0.00462	0.002	0.00971	0.00102	0.0768	9.091
Arsenic (mg/L)	WT-3	20	0.01122	0.0084	0.001878	0.01085	0.00497	0.0157	0.0005	0.0349	5
Arsenic (mg/L)	WT-4	20	0.001049	0.0007683	0.0001718	0.00053	0.00053	0.00168	0.000237	0.00267	50
Arsenic (mg/L)	WT-OF	9	0.001113	0.0009935	0.0003312	0.000797	0.00053	0.001244	0.000428	0.00362	22.22
Barium (mg/L)	ST-1	6	0.1412	0.02809	0.01147	0.135	0.1145	0.174	0.103	0.177	0
Barium (mg/L)	WT-1	30	0.2627	0.1219	0.02226	0.2453	0.194	0.2985	0.0584	0.662	0
Barium (mg/L)	WT-2	31	0.1591	0.04269	0.007668	0.159	0.133	0.173	0.0286	0.282	0
Barium (mg/L)	WT-3	20	0.1958	0.1421	0.03178	0.1565	0.0909	0.279	0.0374	0.544	0
Barium (mg/L)	WT-4	20	0.05785	0.04484	0.01003	0.0385	0.02625	0.08015	0.0208	0.194	0
Barium (mg/L)	WT-OF	9	0.1113	0.02305	0.007682	0.109	0.09335	0.121	0.0868	0.163	0
Beryllium (mg/L)	ST-1	5	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Beryllium (mg/L)	WT-1	30	0.0002512	0.00008325	0.0000152	0.000236	0.000236	0.000236	0.000236	0.000692	96.67
Beryllium (mg/L)	WT-2	32	0.000277	0.0001413	0.00002498	0.000236	0.000236	0.000236	0.000236	0.00093	90.63
Beryllium (mg/L)	WT-3	20	0.0002897	0.0002402	0.0000537	0.000236	0.000236	0.000236	0.000236	0.00131	95
Beryllium (mg/L)	WT-4	20	0.000236	0	0	0.000236	0.000236	0.000236	0.000236	0.000236	100
Beryllium (mg/L)	WT-OF	9	0.000236	0	0	0.000236	0.000236	0.000236	0.000236	0.000236	100
Cadmium (mg/L)	ST-1	5	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Cadmium (mg/L)	WT-1	30	0.0001624	0.00002217	0.00000...	0.000167	0.000167	0.000167	0.00005	0.000178	90
Cadmium (mg/L)	WT-2	32	0.000178	0.00004503	0.00000796	0.000167	0.000167	0.000167	0.0001	0.000356	87.5
Cadmium (mg/L)	WT-3	19	0.000167	0	0	0.000167	0.000167	0.000167	0.000167	0.000167	100
Cadmium (mg/L)	WT-4	20	0.0001677	0.00002419	0.00000...	0.000167	0.000167	0.000167	0.000106	0.00022	75
Cadmium (mg/L)	WT-OF	9	0.0001649	0.00004713	0.00001571	0.000167	0.00014	0.000167	0.0001	0.000269	66.67
Chromium (mg/L)	ST-1	5	0.02	0	0	0.02	0.02	0.02	0.02	0.02	100
Chromium (mg/L)	WT-1	29	0.002046	0.003071	0.0005703	0.00114	0.00114	0.00114	0.00114	0.0134	86.21
Chromium (mg/L)	WT-2	31	0.001581	0.002453	0.0004406	0.00114	0.00114	0.00114	0.00114	0.0148	96.77
Chromium (mg/L)	WT-3	19	0.00127	0.0005667	0.00013	0.00114	0.00114	0.00114	0.00114	0.00361	94.74
Chromium (mg/L)	WT-4	19	0.001556	0.001254	0.0002878	0.00114	0.00114	0.00114	0.00114	0.0055	89.47
Chromium (mg/L)	WT-OF	9	0.001331	0.0005733	0.0001911	0.00114	0.00114	0.00114	0.00114	0.00286	88.89
Cobalt (mg/L)	ST-1	6	0.01136	0.009493	0.003875	0.01175	0.002325	0.02	0.00139	0.02	50
Cobalt (mg/L)	WT-1	29	0.007389	0.007036	0.001307	0.00506	0.001395	0.0112	0.000281	0.02	17.24
Cobalt (mg/L)	WT-2	32	0.006998	0.007789	0.001377	0.003555	0.00229	0.00647	0.0003	0.0309	15.63
Cobalt (mg/L)	WT-3	20	0.005483	0.008975	0.002007	0.001375	0.0008225	0.00776	0.000201	0.0394	5
Cobalt (mg/L)	WT-4	21	0.001131	0.0013	0.0002837	0.0005	0.000437	0.00146	0.000101	0.00511	19.05
Cobalt (mg/L)	WT-OF	9	0.001009	0.001054	0.0003514	0.000711	0.0004325	0.001041	0.00028	0.00372	0
Copper (mg/L)	ST-1	5	0.02	0	0	0.02	0.02	0.02	0.02	0.02	100
Copper (mg/L)	WT-1	29	0.003571	0.001985	0.0003686	0.0032	0.0032	0.0032	0.00111	0.0114	82.76
Copper (mg/L)	WT-2	31	0.001058	0.003126	0.0005614	0.000497	0.000497	0.000497	0.000497	0.0179	96.77
Copper (mg/L)	WT-3	20	0.001095	0.001504	0.0003364	0.000497	0.000497	0.000497	0.000497	0.0052	85
Copper (mg/L)	WT-4	20	0.003267	0.0008009	0.0001791	0.0032	0.0032	0.0032	0.000623	0.00498	80
Copper (mg/L)	WT-OF	9	0.00365	0.002456	0.0008185	0.0032	0.0032	0.0032	0.00065	0.0098	77.78
Lead (mg/L)	ST-1	6	0.003933	0.0001633	0.00006667	0.004	0.0038	0.004	0.0036	0.004	83.33
Lead (mg/L)	WT-1	29	0.0007388	0.001631	0.000303	0.000186	0.000186	0.0005255	0.000186	0.00711	68.97

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 11:04 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Lead (mg/L)	WT-2	31	0.000577	0.00201	0.0003611	0.000186	0.000186	0.000186	0.000186	0.0114	83.87
Lead (mg/L)	WT-3	18	0.0002657	0.000338	0.00007967	0.000186	0.000186	0.000186	0.000186	0.00162	94.44
Lead (mg/L)	WT-4	19	0.0004366	0.0006563	0.0001506	0.000186	0.000186	0.000206	0.000186	0.00269	73.68
Lead (mg/L)	WT-OF	9	0.0003298	0.0004313	0.0001438	0.000186	0.000186	0.000186	0.000186	0.00148	88.89
Nickel (mg/L)	ST-1	5	0.042	0.01789	0.008	0.05	0.03	0.05	0.01	0.05	80
Nickel (mg/L)	WT-1	29	0.006952	0.005784	0.001074	0.00436	0.0023	0.011	0.002	0.0256	31.03
Nickel (mg/L)	WT-2	30	0.02034	0.02022	0.003692	0.008985	0.004015	0.05	0.0015	0.05	30
Nickel (mg/L)	WT-3	19	0.004558	0.003411	0.0007825	0.0038	0.0023	0.00519	0.0009	0.0152	15.79
Nickel (mg/L)	WT-4	20	0.01137	0.008798	0.001967	0.01	0.004395	0.0137	0.0023	0.0336	10
Nickel (mg/L)	WT-OF	9	0.01507	0.01423	0.004745	0.0102	0.004545	0.0213	0.00304	0.0483	0
Selenium (mg/L)	ST-1	6	0.00465	0.0008573	0.00035	0.005	0.00395	0.005	0.0029	0.005	83.33
Selenium (mg/L)	WT-1	31	0.001129	0.0004597	0.00008257	0.000982	0.000982	0.000982	0.000982	0.0029	87.1
Selenium (mg/L)	WT-2	33	0.001069	0.0002829	0.00004925	0.000982	0.000982	0.000982	0.000982	0.00205	90.91
Selenium (mg/L)	WT-3	20	0.00101	0.0001248	0.0000279	0.000982	0.000982	0.000982	0.000982	0.00154	95
Selenium (mg/L)	WT-4	19	0.001034	0.000157	0.00003602	0.000982	0.000982	0.000982	0.000982	0.00148	89.47
Selenium (mg/L)	WT-OF	8	0.001072	0.0002539	0.00008975	0.000982	0.000982	0.000982	0.000982	0.0017	87.5
Silver (mg/L)	ST-1	5	0.02	0	0	0.02	0.02	0.02	0.02	0.02	100
Silver (mg/L)	WT-1	30	0.0001308	0.00008672	0.00001583	0.000115	0.000115	0.000115	0.000115	0.00059	96.67
Silver (mg/L)	WT-2	32	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	WT-3	20	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	WT-4	19	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	WT-OF	9	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Thallium (mg/L)	ST-1	5	0.002	0	0	0.002	0.002	0.002	0.002	0.002	100
Thallium (mg/L)	WT-1	30	0.0002532	0.00001004	0.00000...	0.000255	0.000255	0.000255	0.0002	0.000255	96.67
Thallium (mg/L)	WT-2	31	0.000255	0.00006266	0.00001125	0.000255	0.000255	0.000255	0.000044	0.00052	90.32
Thallium (mg/L)	WT-3	20	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	WT-4	20	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	WT-OF	9	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Vanadium (mg/L)	ST-1	5	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Vanadium (mg/L)	WT-1	29	0.003139	0.00516	0.0009582	0.0017	0.0017	0.0017	0.000099	0.022	75.86
Vanadium (mg/L)	WT-2	31	0.001006	0.004611	0.0008282	0.0000843	0.0000843	0.0000843	0.0000843	0.0258	87.1
Vanadium (mg/L)	WT-3	19	0.001904	0.001285	0.0002949	0.0017	0.0017	0.0017	0.000244	0.00703	89.47
Vanadium (mg/L)	WT-4	19	0.002333	0.002251	0.0005164	0.0017	0.0017	0.0017	0.000145	0.00899	78.95
Vanadium (mg/L)	WT-OF	9	0.001711	0.0008198	0.0002733	0.0017	0.0017	0.0017	0.000112	0.00339	77.78
Zinc (mg/L)	ST-1	6	0.0809	0.03089	0.01261	0.1	0.0427	0.1	0.0287	0.1	66.67
Zinc (mg/L)	WT-1	31	0.01067	0.008675	0.001558	0.00692	0.00692	0.00692	0.00692	0.0335	80.65
Zinc (mg/L)	WT-2	32	0.0117	0.01494	0.002642	0.00692	0.00692	0.00692	0.00692	0.0822	81.25
Zinc (mg/L)	WT-3	18	0.007757	0.002637	0.0006215	0.00692	0.00692	0.00692	0.00692	0.0174	88.89
Zinc (mg/L)	WT-4	19	0.008468	0.003189	0.0007315	0.00692	0.00692	0.00692	0.00692	0.0172	78.95
Zinc (mg/L)	WT-OF	9	0.008218	0.003893	0.001298	0.00692	0.00692	0.00692	0.00692	0.0186	88.89

Box & Whiskers Plot



Constituent: 1,1,1,2-Tetrachloroethane Analysis Run 6/30/2026 12:25 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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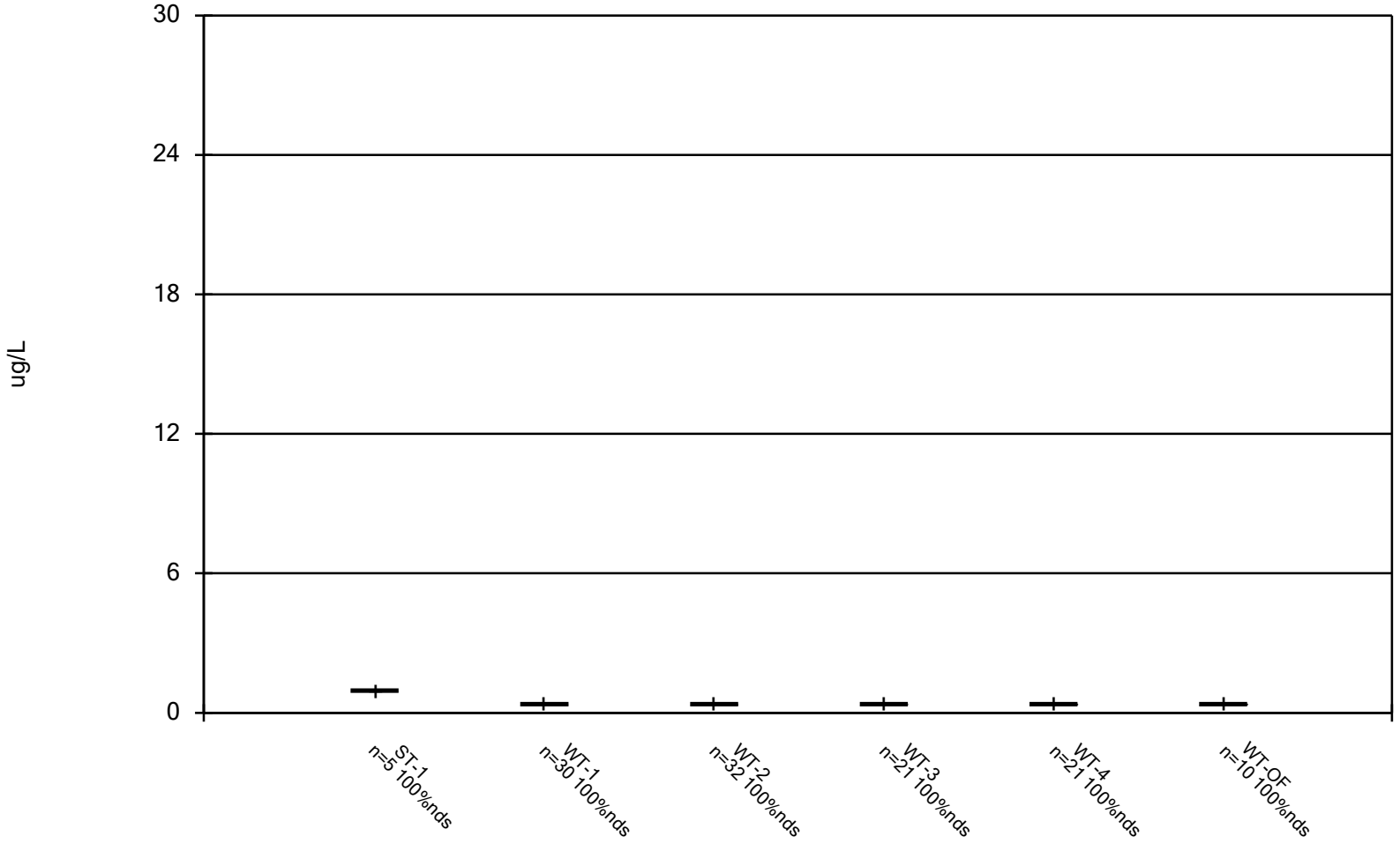

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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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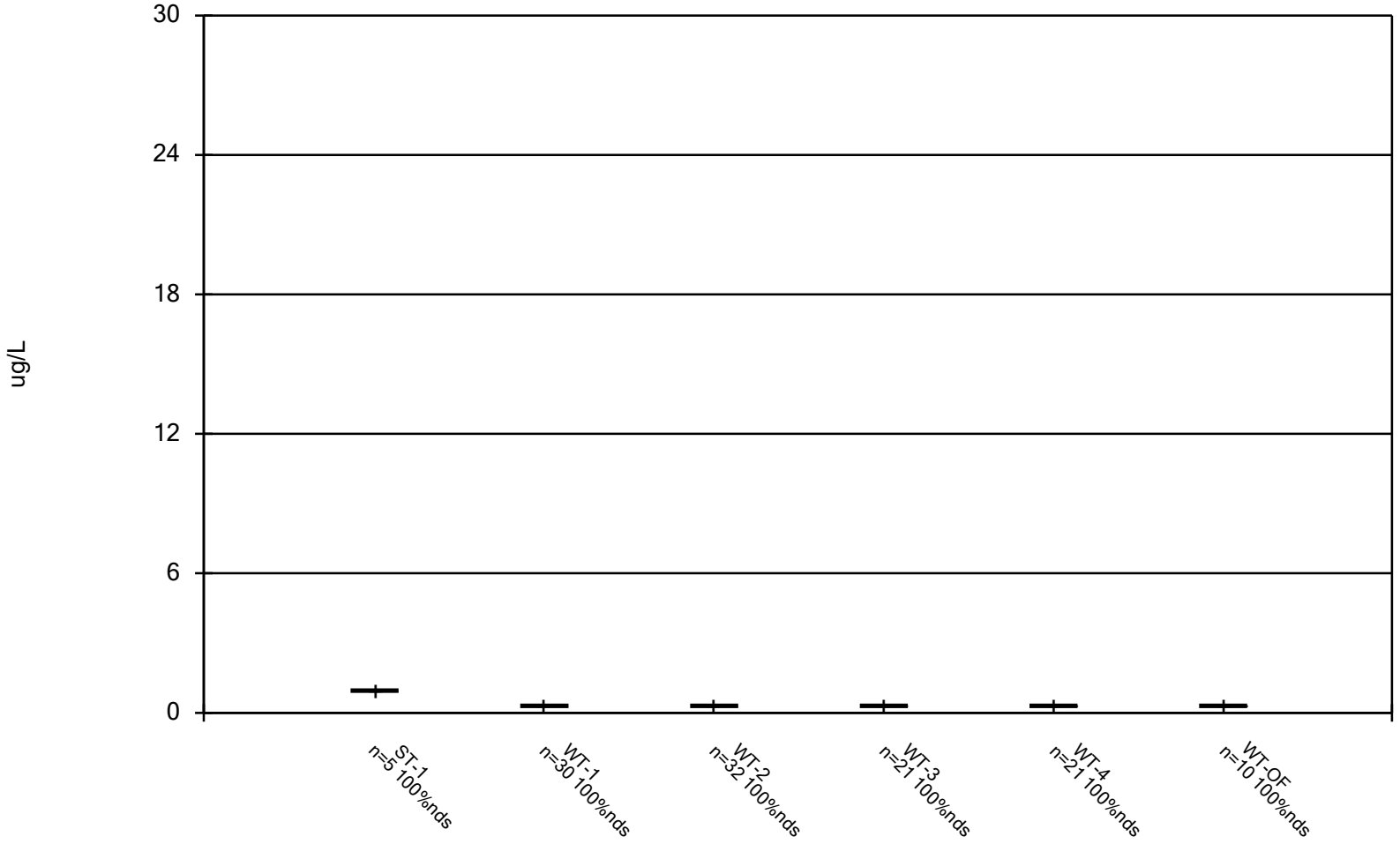

Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 6/30/2026 12:25 PM View: 02_GU_Organics

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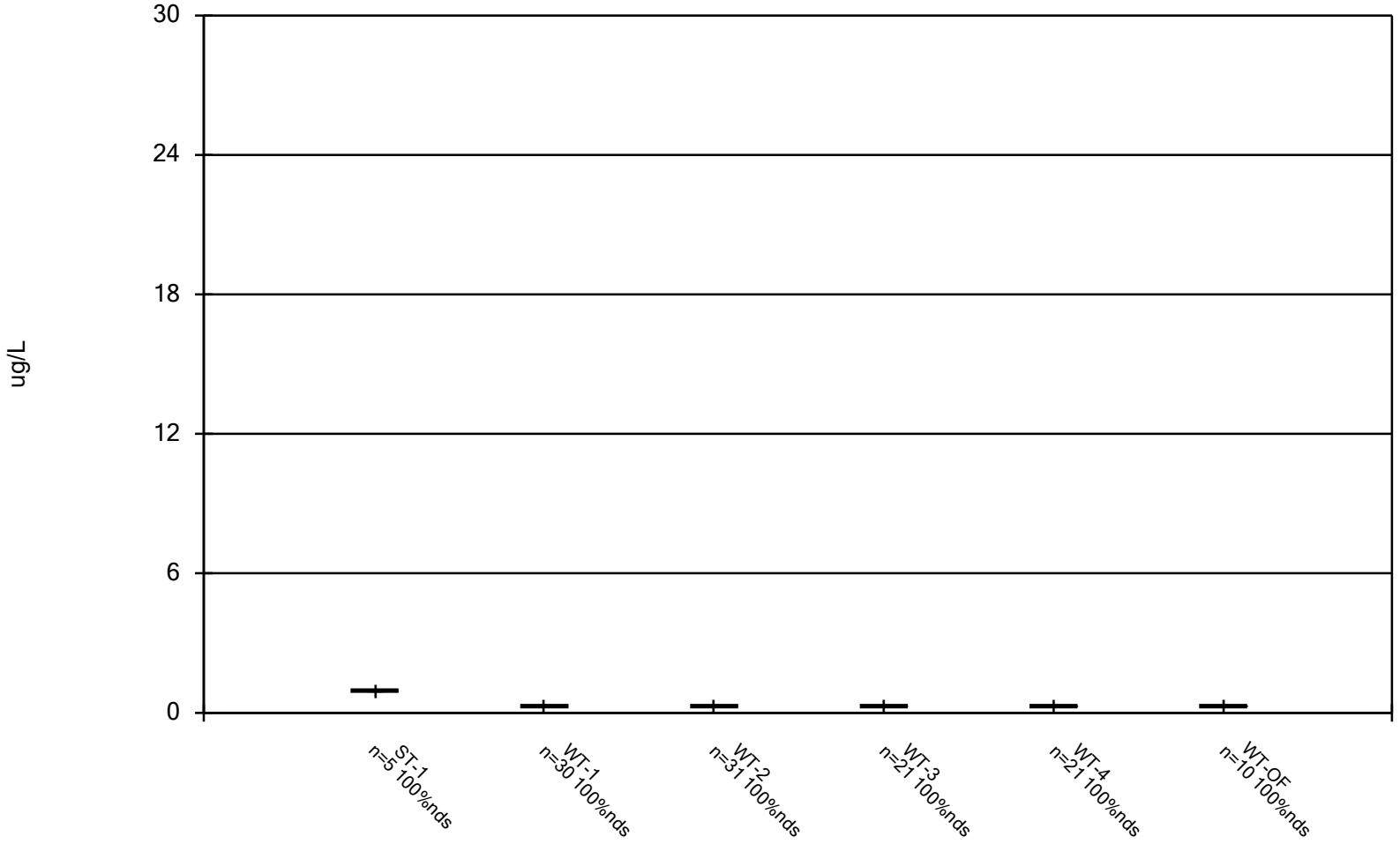

Constituent: 1,1,2-Trichloroethane Analysis Run 6/30/2026 12:25 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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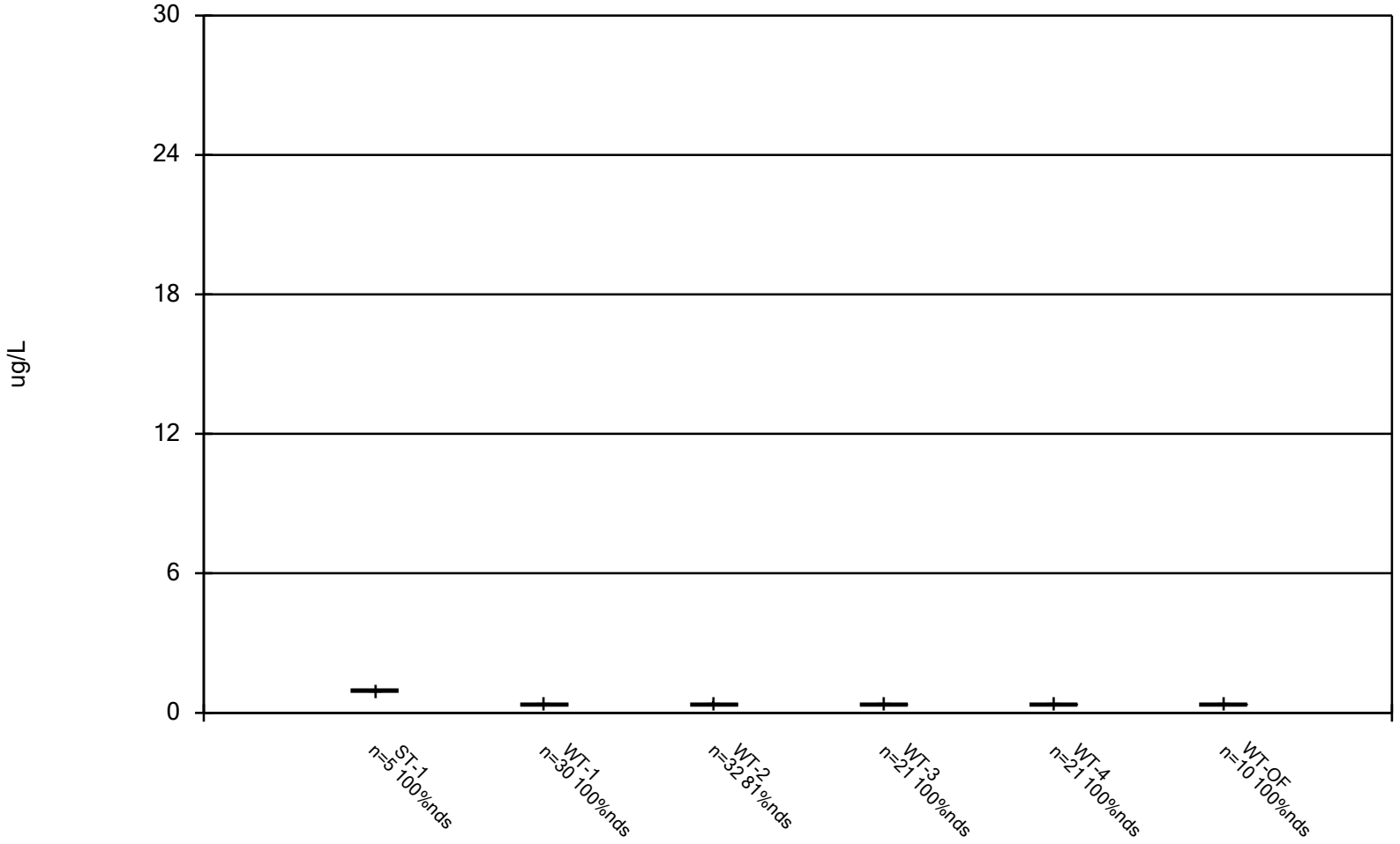

Constituent: 1,1-Dichloroethane Analysis Run 6/30/2026 12:25 PM View: 02_GU_Organics

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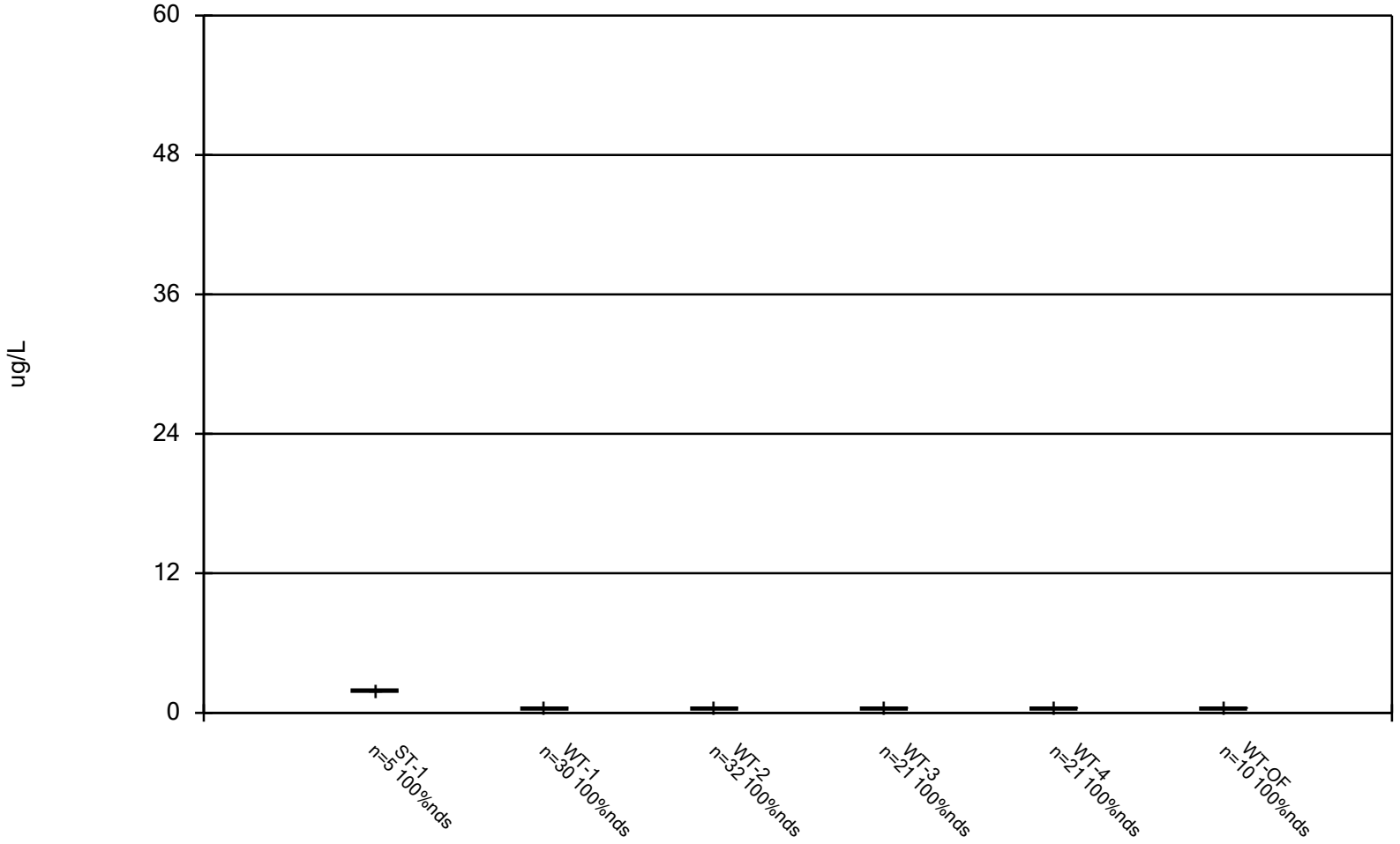

Constituent: 1,1-Dichloroethene Analysis Run 6/30/2026 12:25 PM View: 02_GU_Organics

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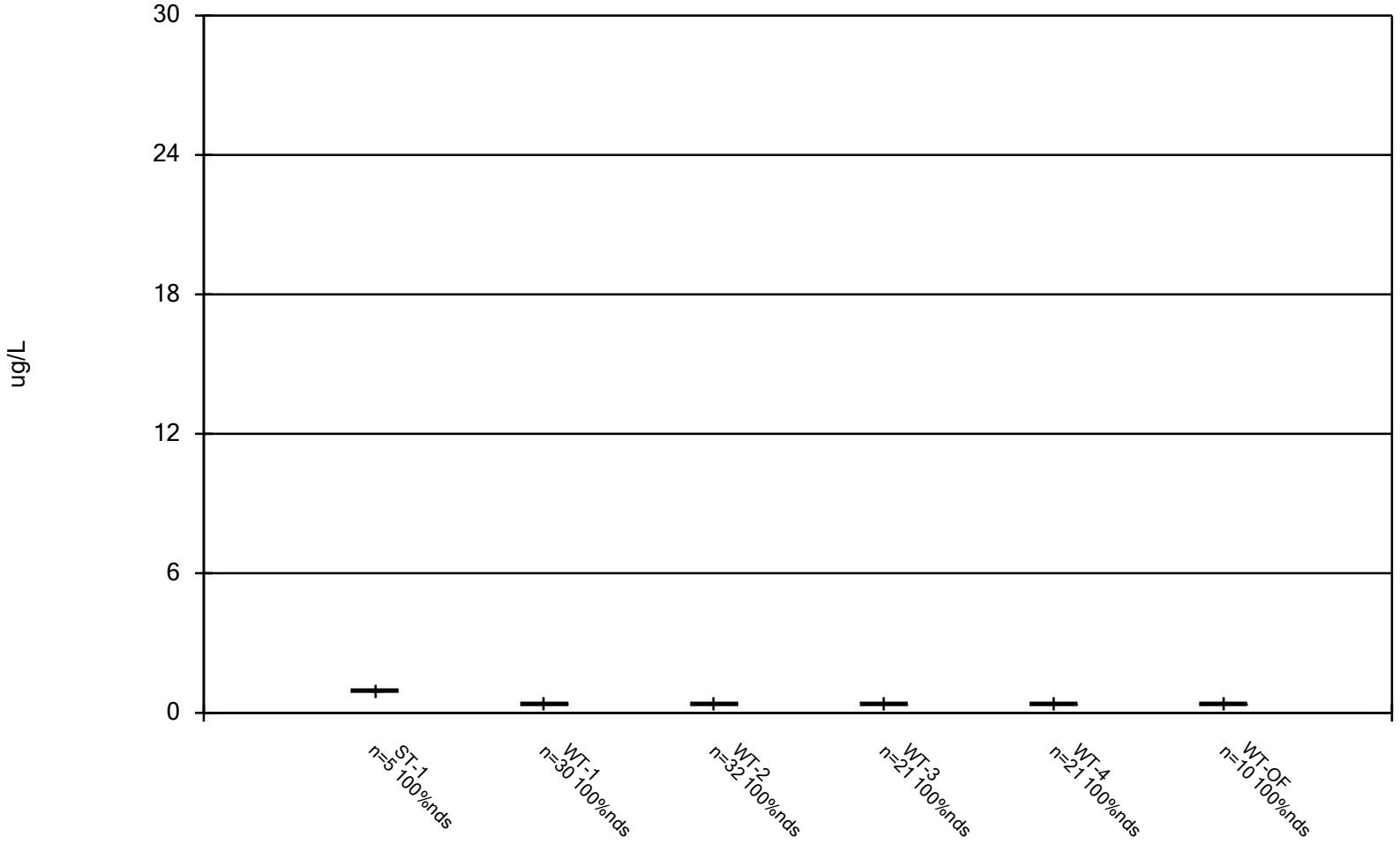

Constituent: 1,2,3-Trichloropropane Analysis Run 6/30/2026 12:25 PM View: 02_GU_Organics

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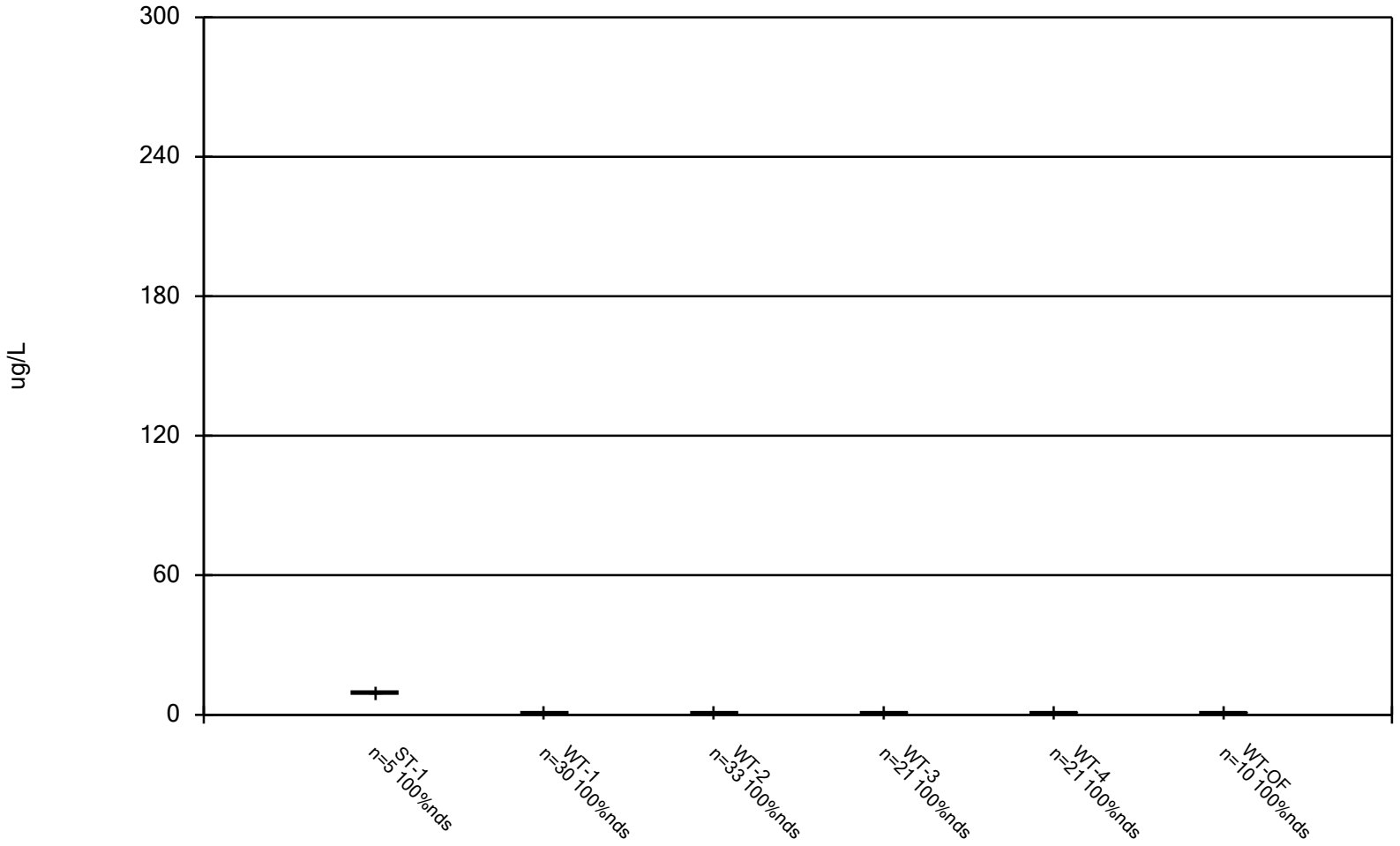

Constituent: 1,2-Dibromo-3-Chloropropane Analysis Run 6/30/2026 12:25 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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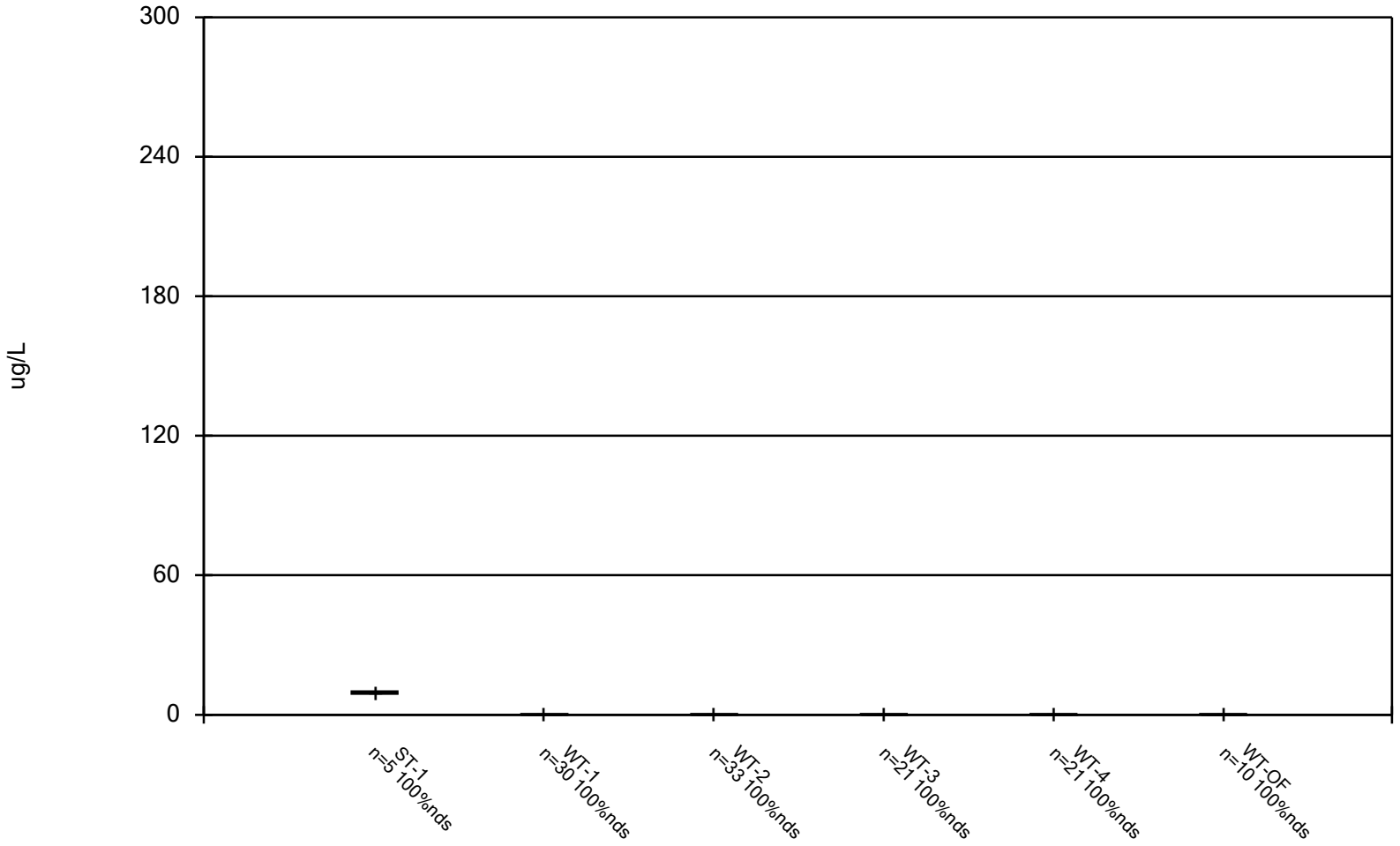

Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/30/2026 12:25 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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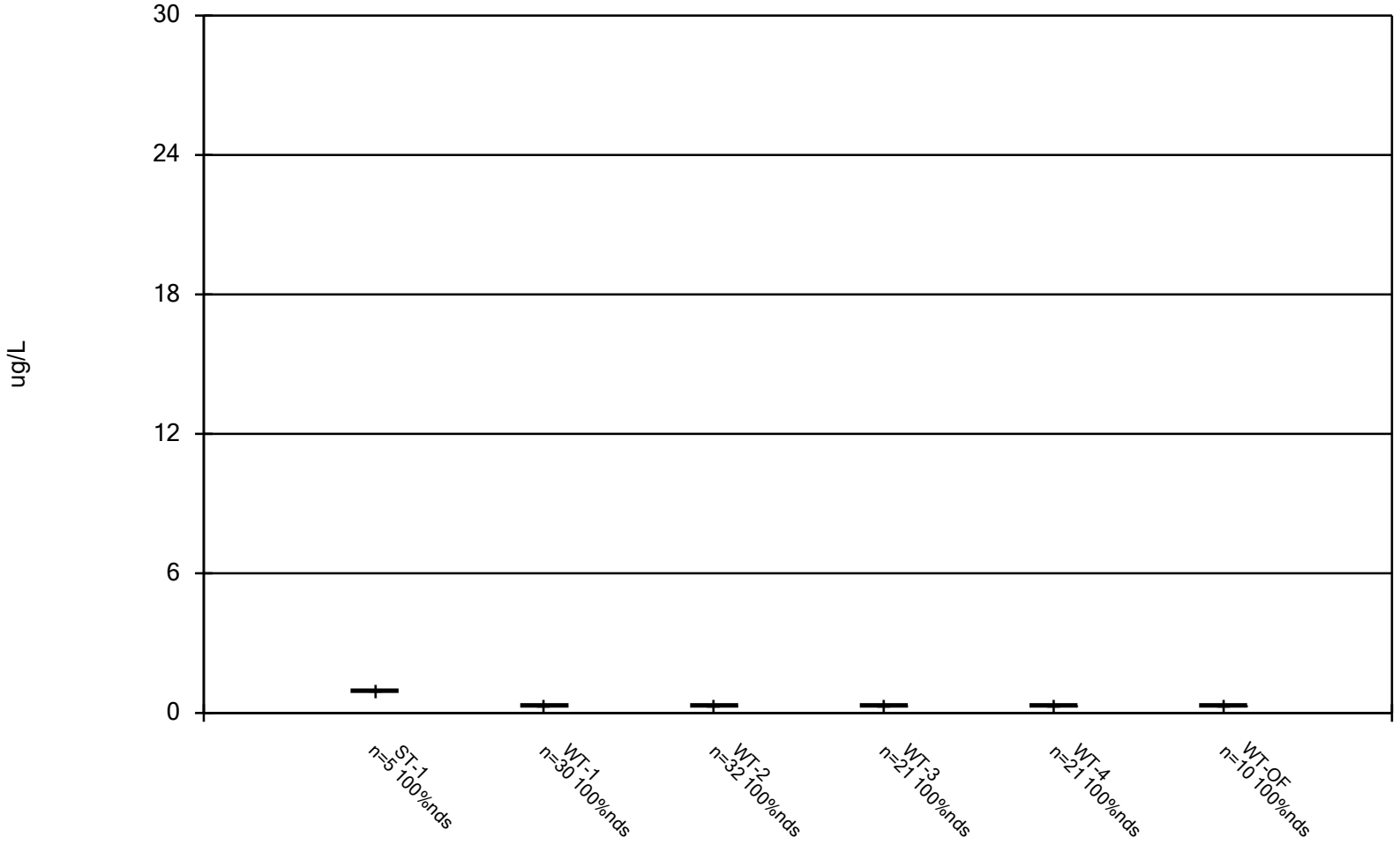

Constituent: 1,2-Dichlorobenzene Analysis Run 6/30/2026 12:25 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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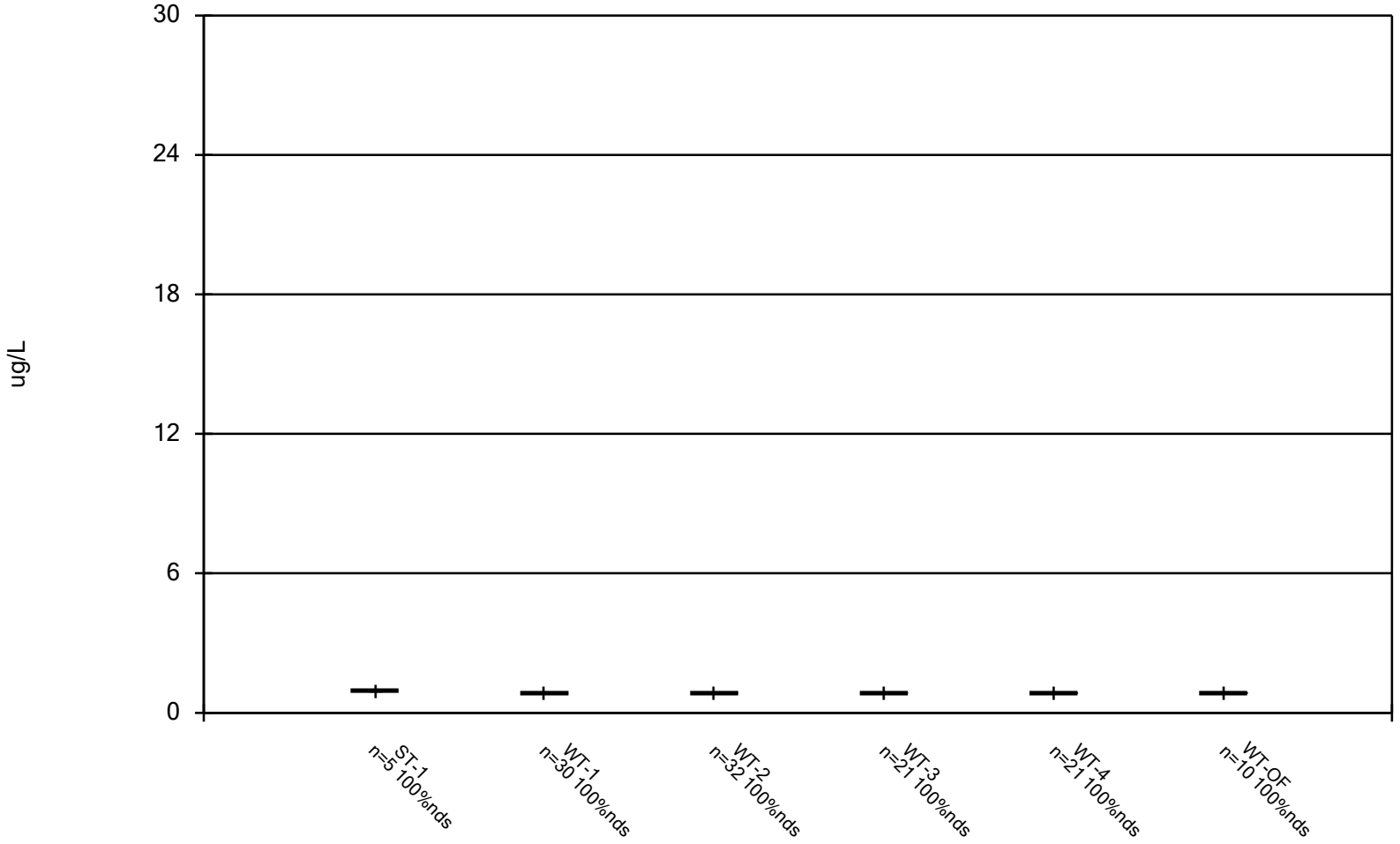

Constituent: 1,2-Dichloroethane Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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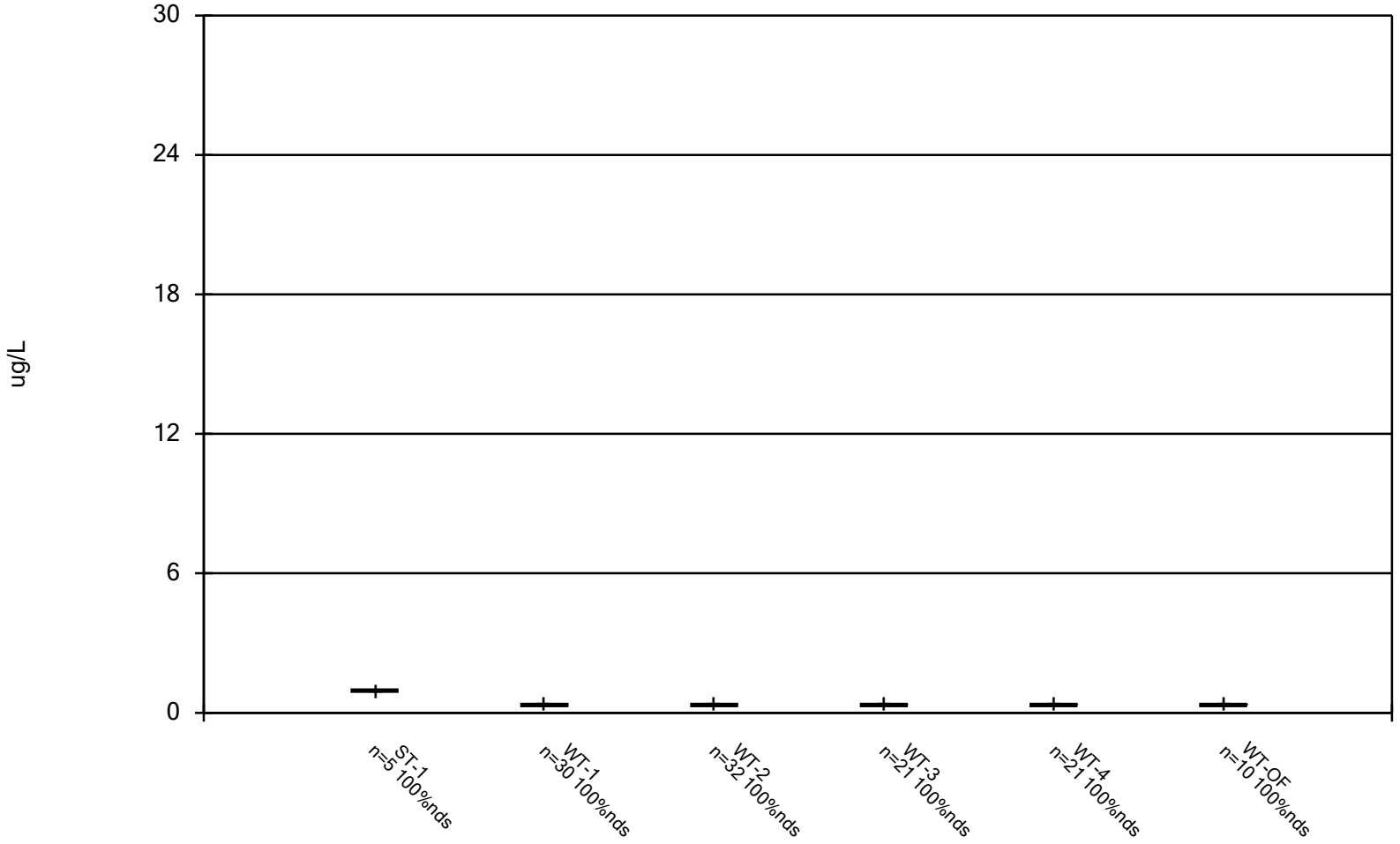
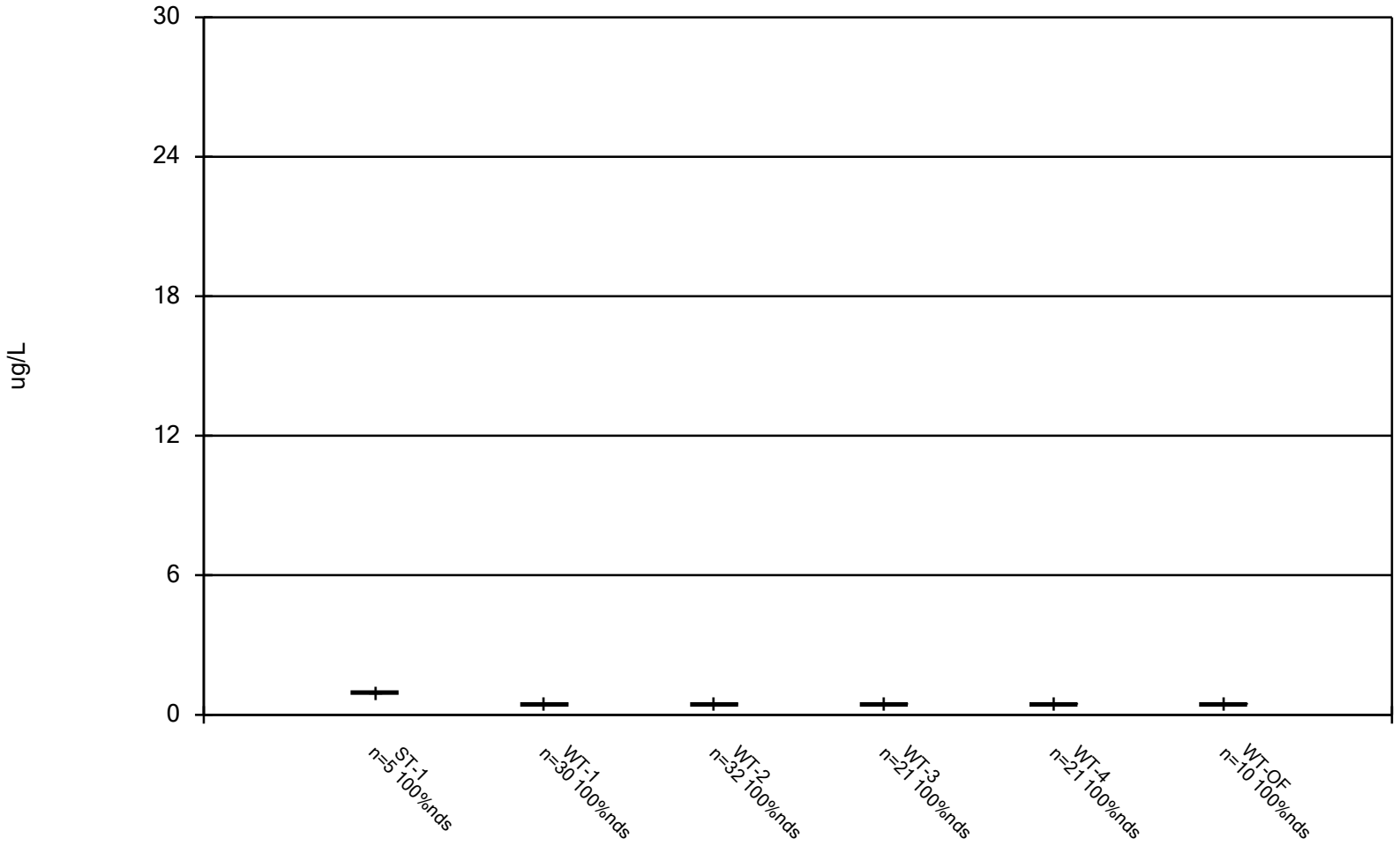
Box & Whiskers Plot



Constituent: 1,2-Dichloropropane Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot



Constituent: 1,4-Dichlorobenzene Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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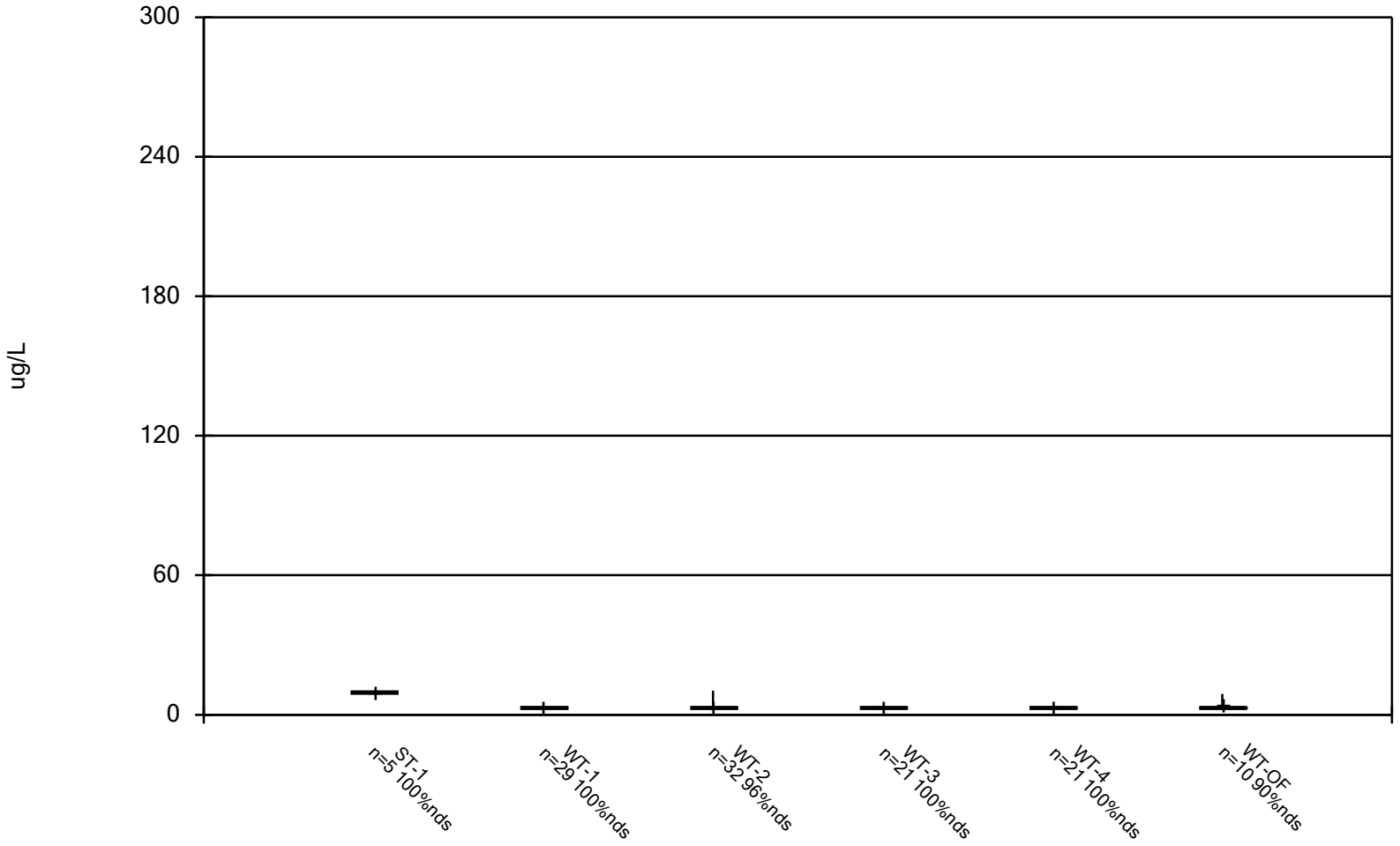
Box & Whiskers Plot

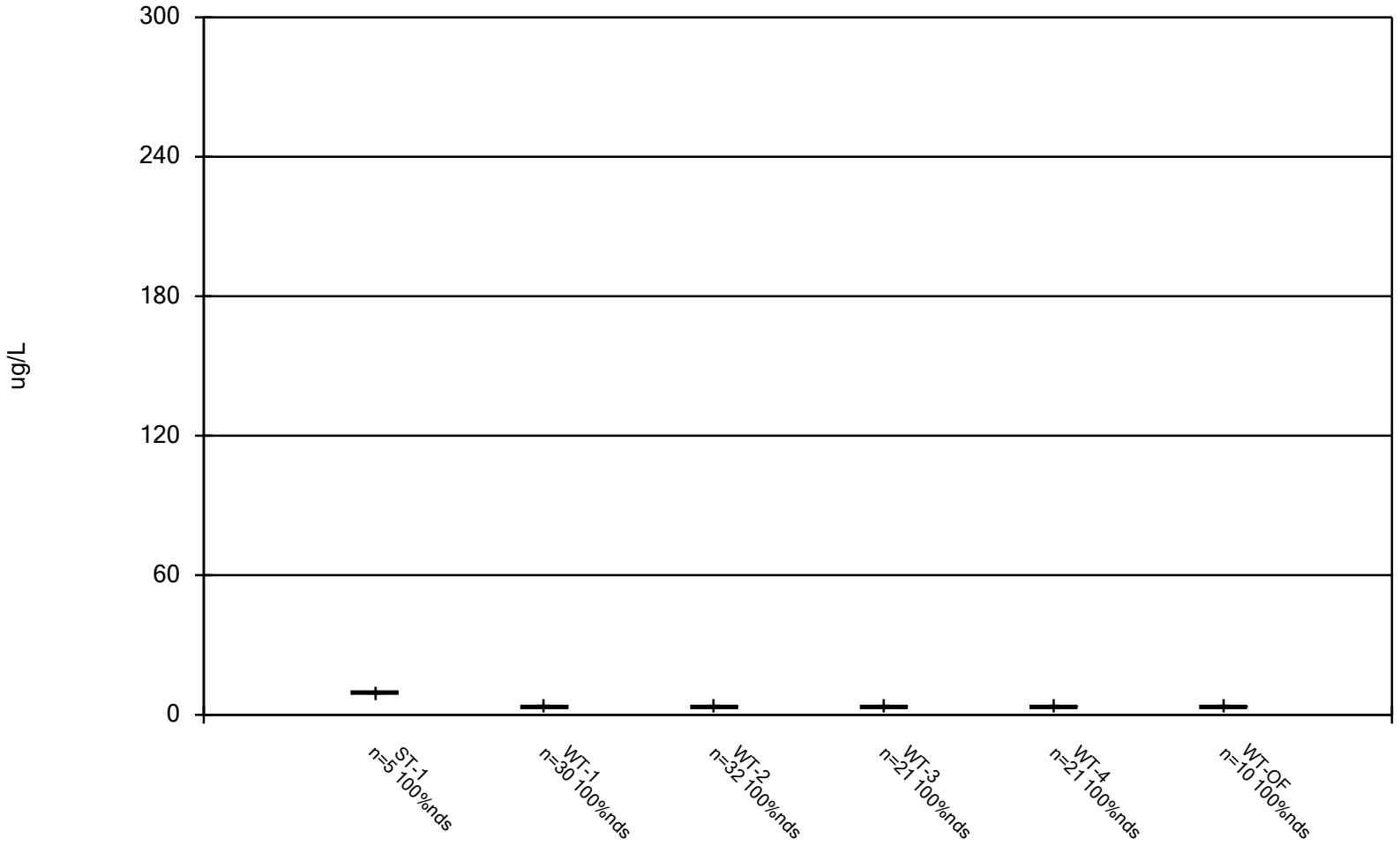


Constituent: 2-Butanone [MEK] Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

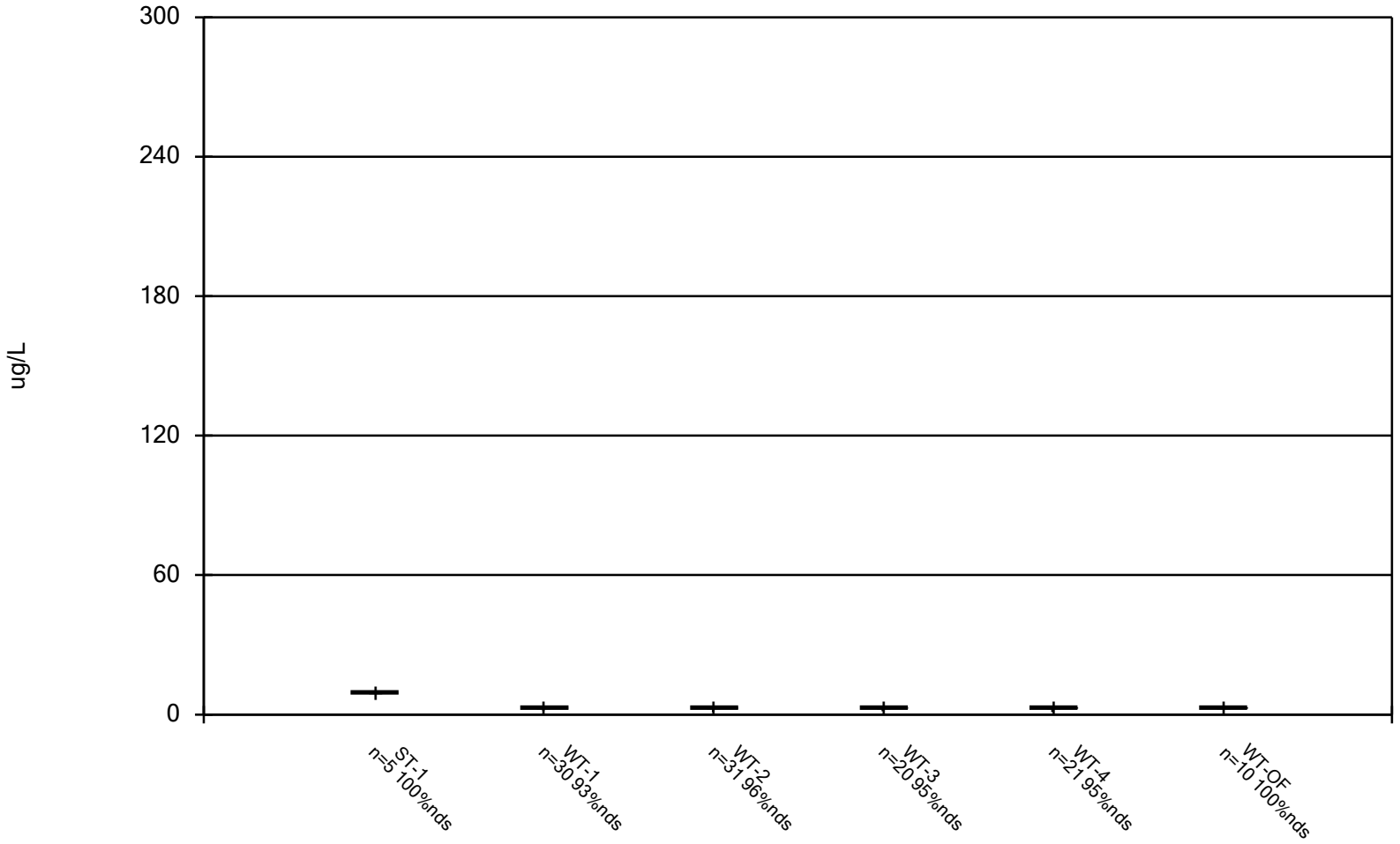


Constituent: 2-Hexanone Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

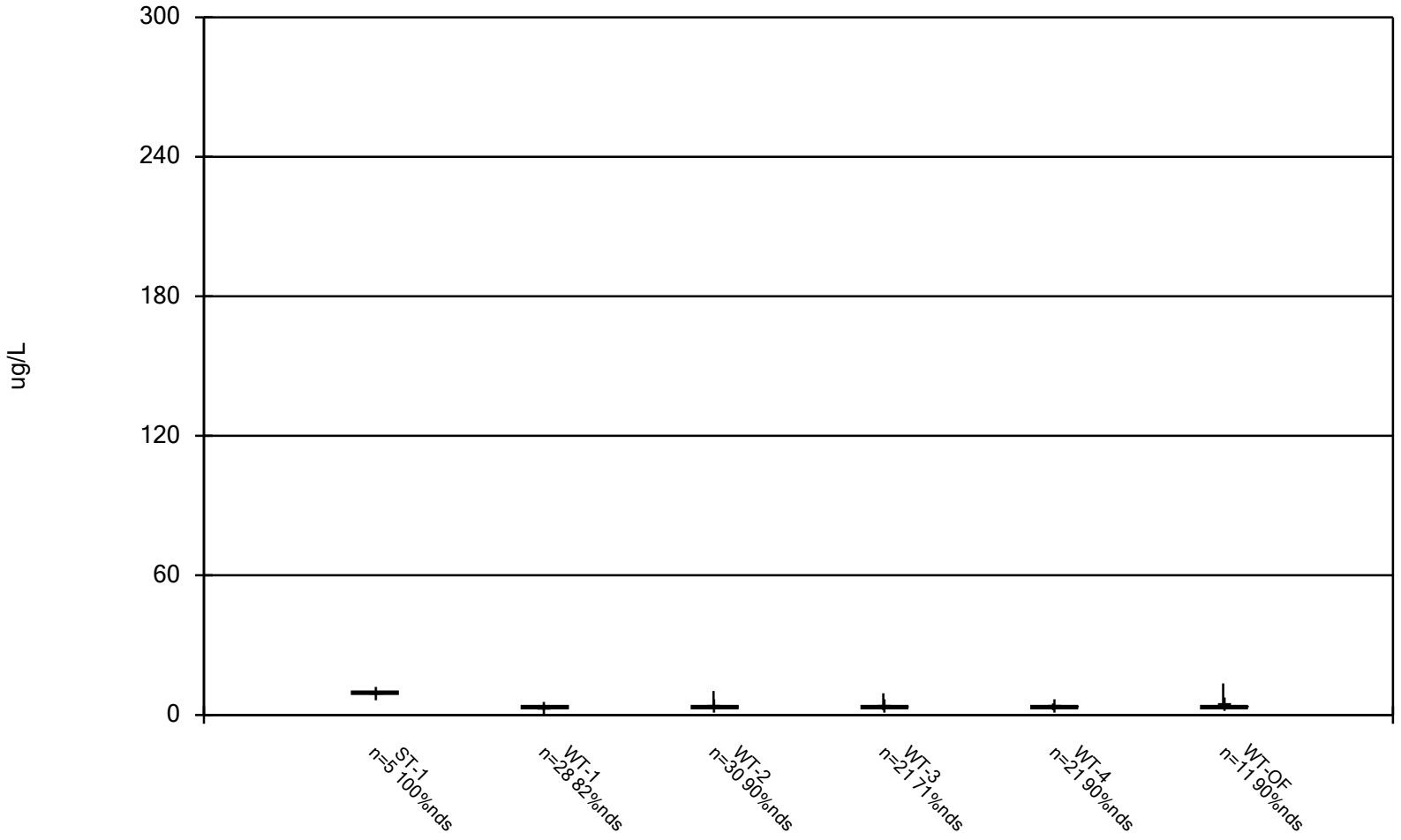


Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Acetone Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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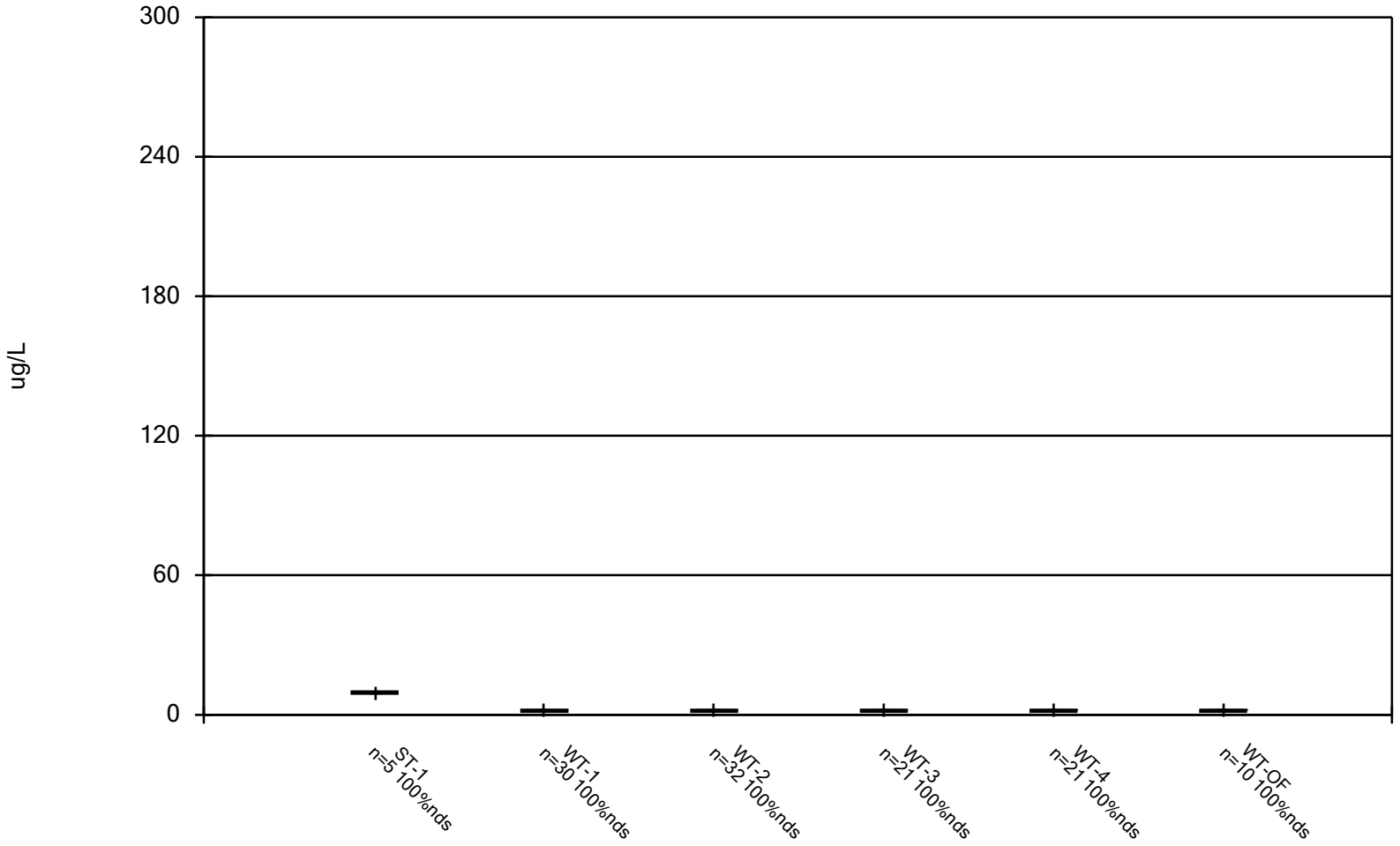
Box & Whiskers Plot

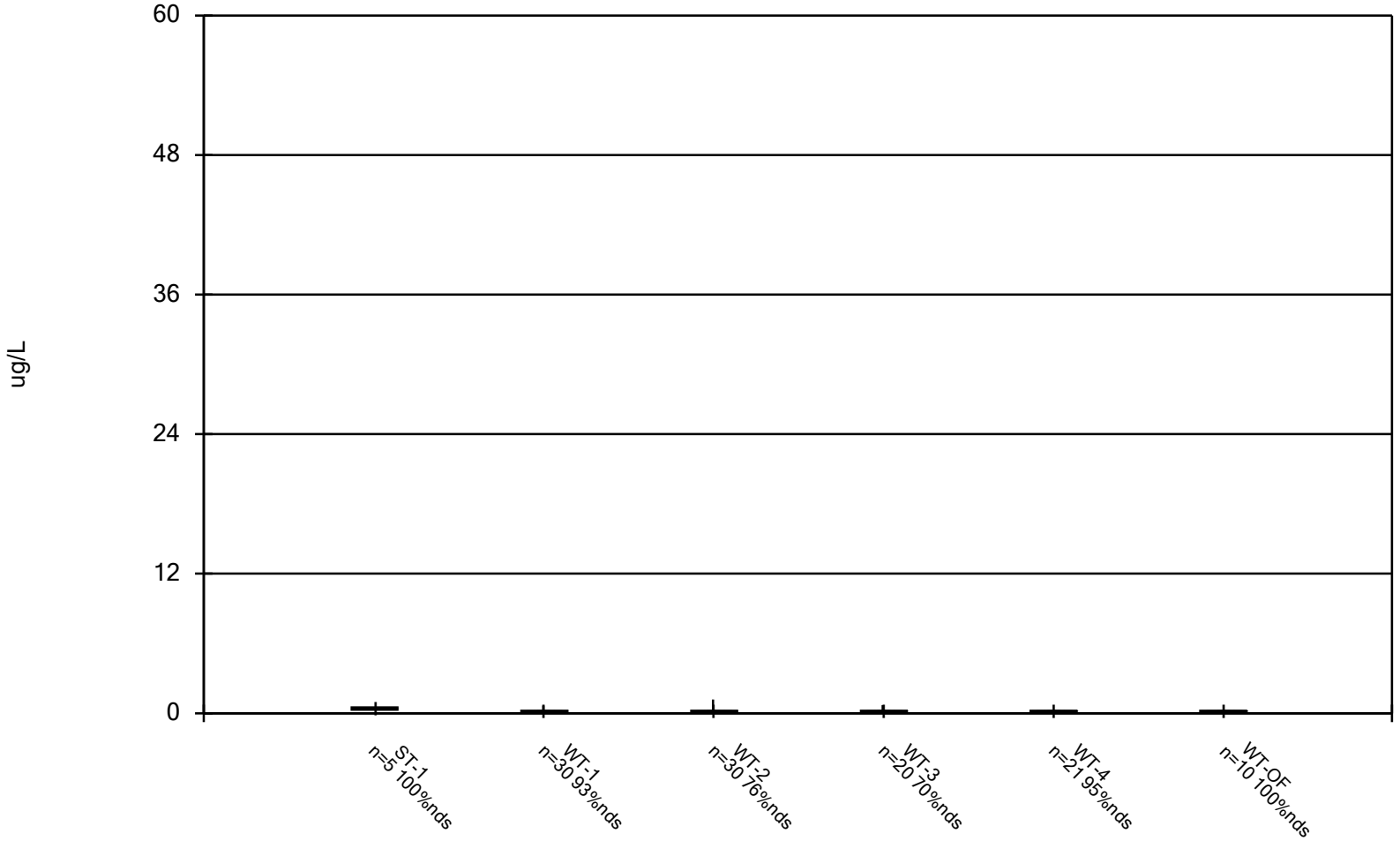


Constituent: Acrylonitrile Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Benzene Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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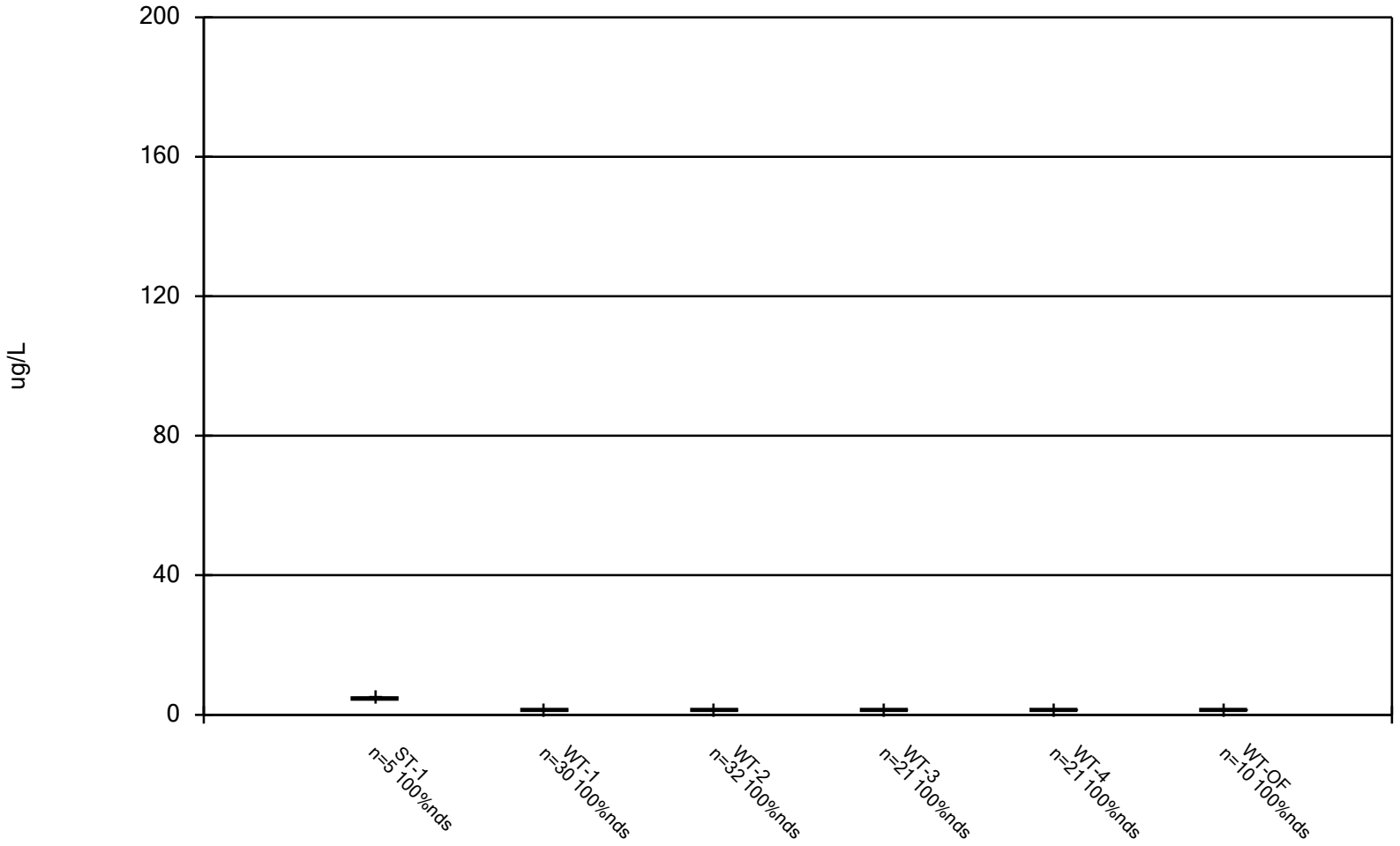
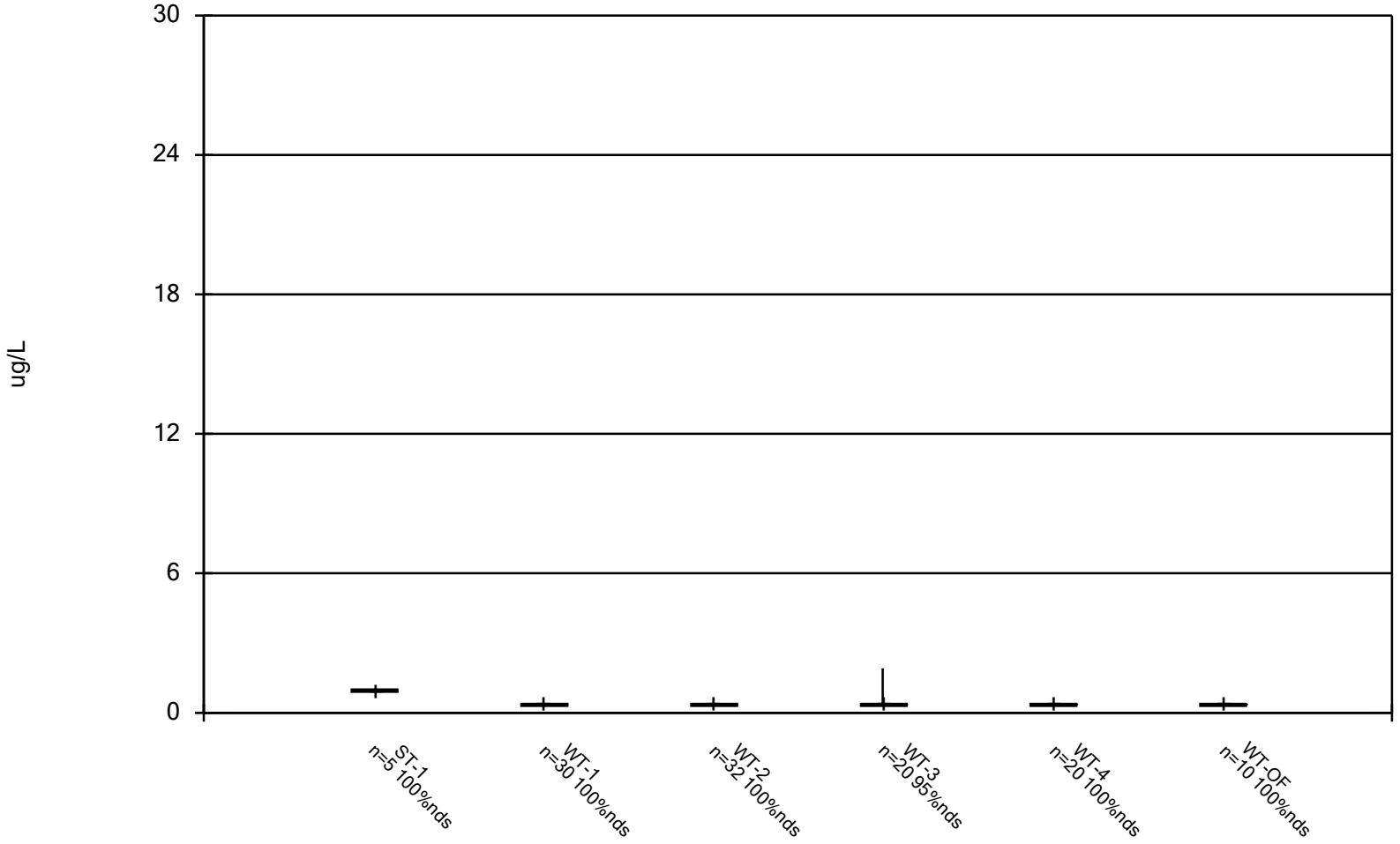
Box & Whiskers Plot



Constituent: Bromochloromethane Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot



Constituent: Bromodichloromethane Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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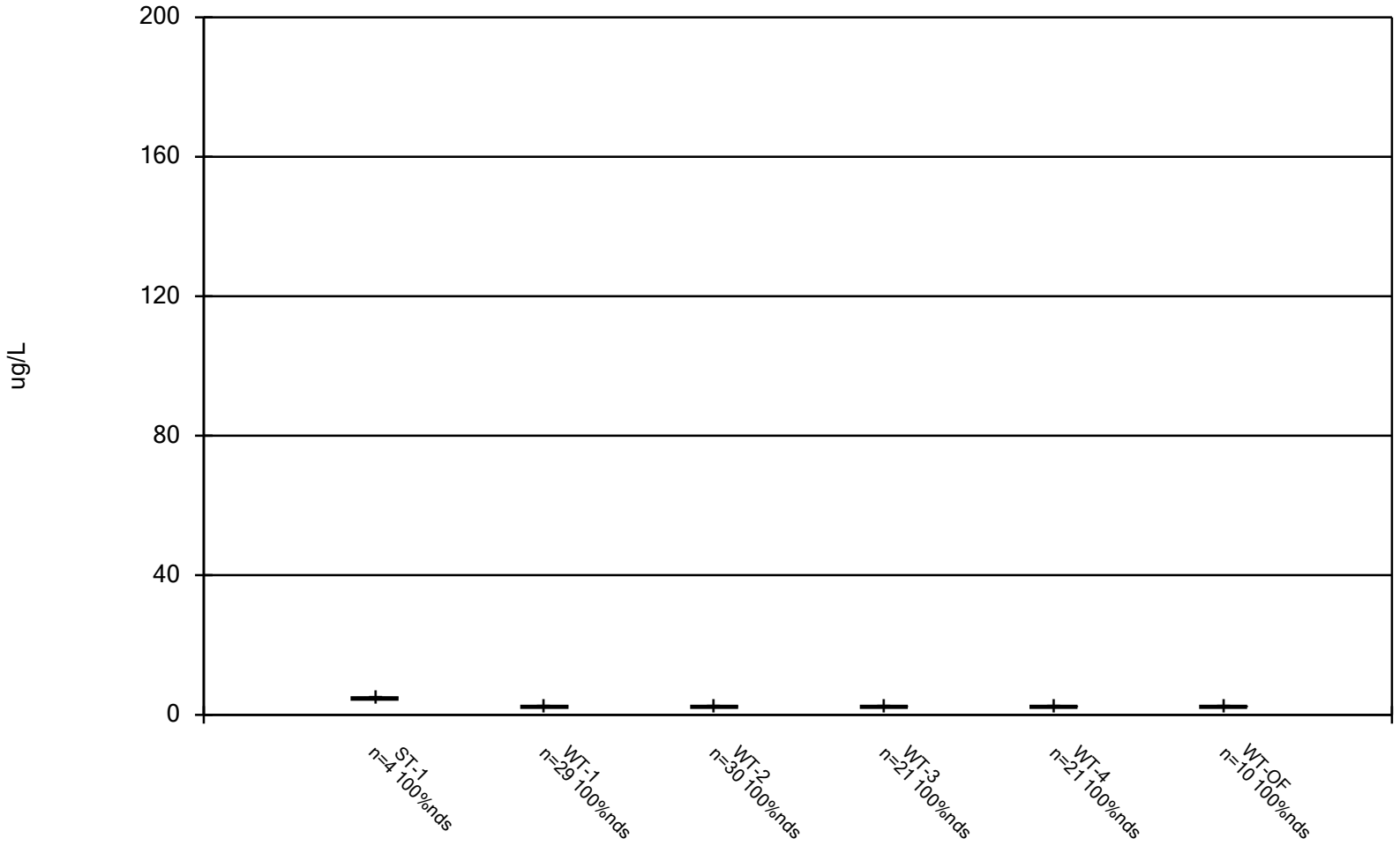
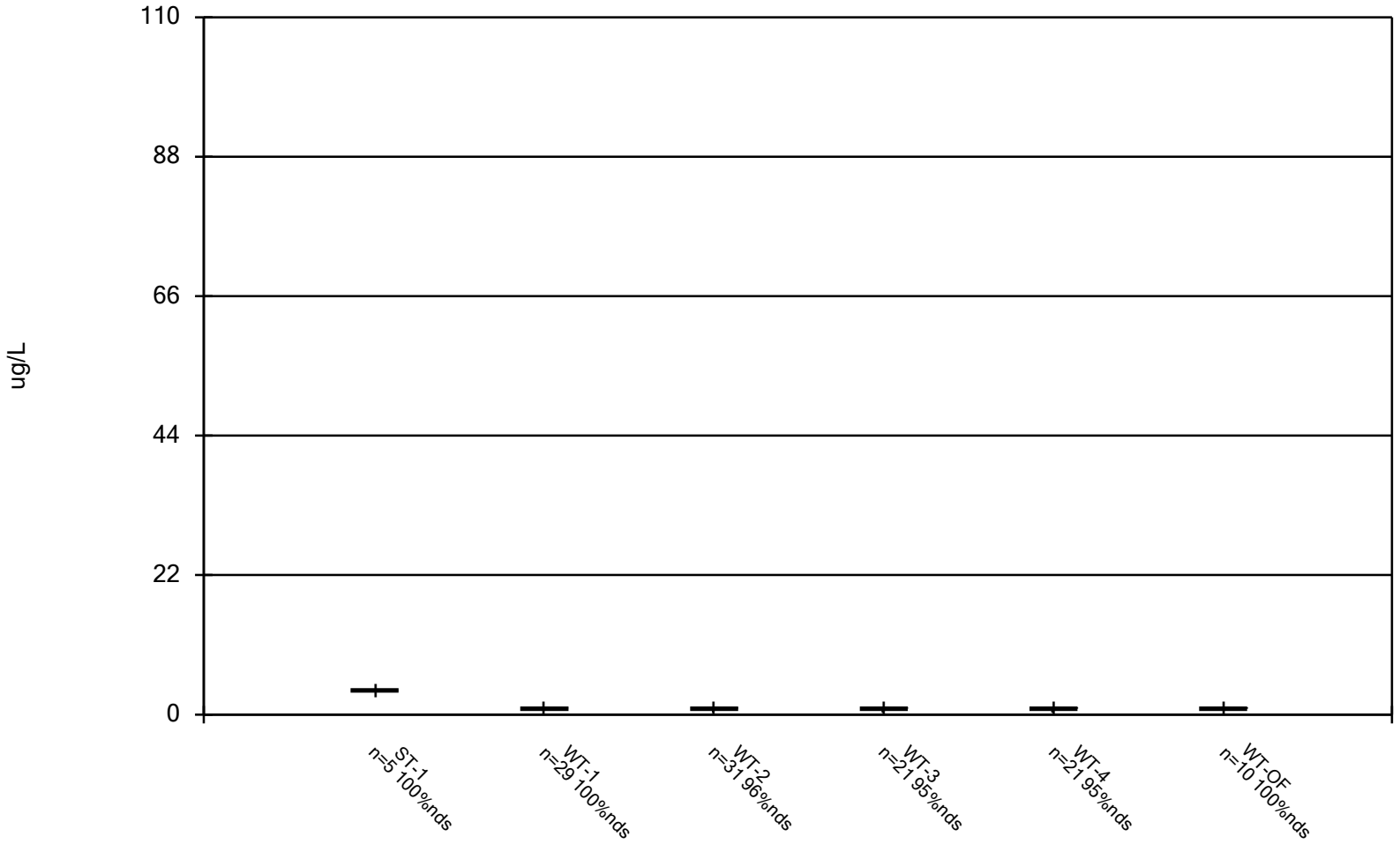
Box & Whiskers Plot



Constituent: Bromoform Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot



Constituent: Bromomethane Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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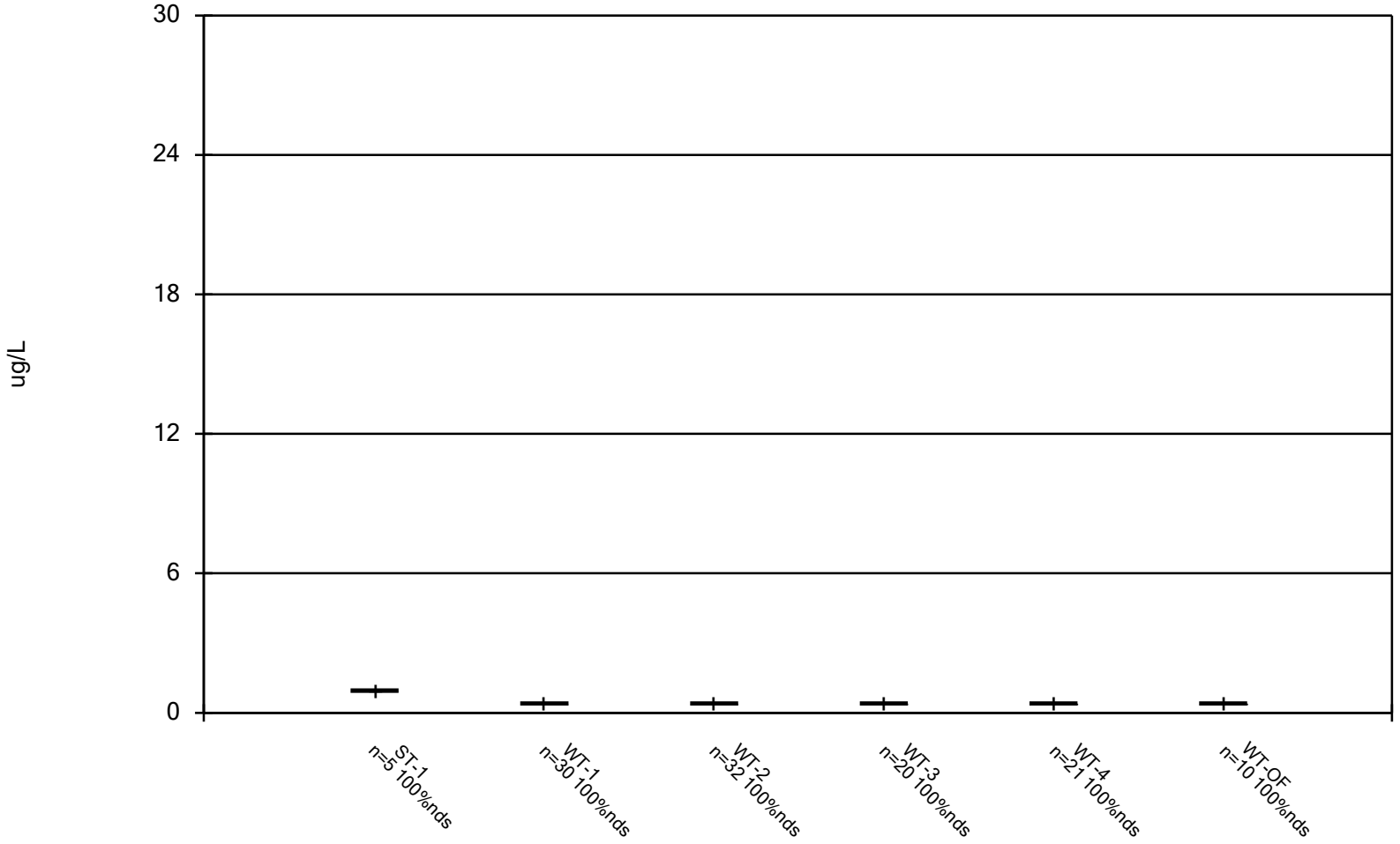
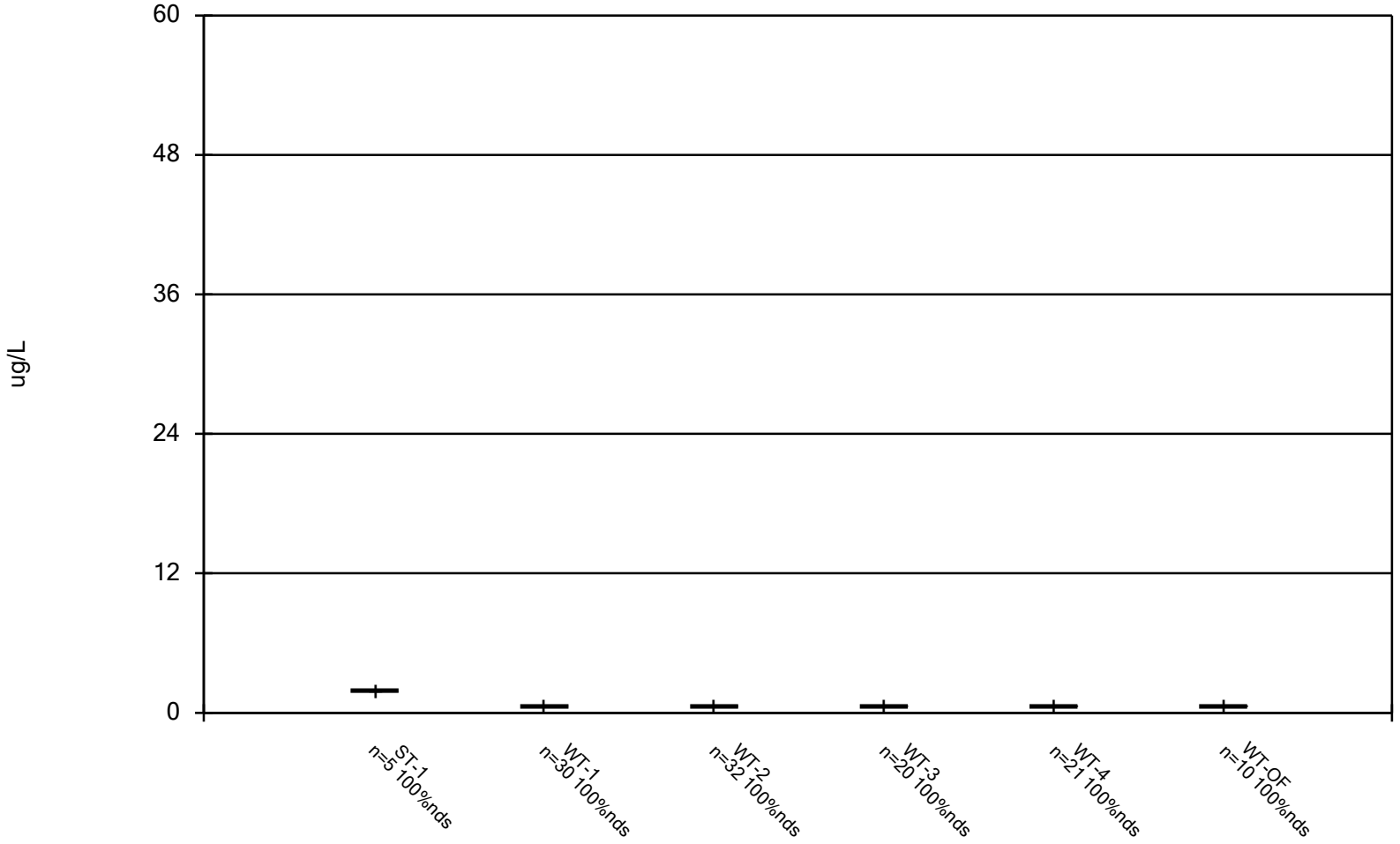
Box & Whiskers Plot



Constituent: Carbon Disulfide Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot



Constituent: Carbon Tetrachloride Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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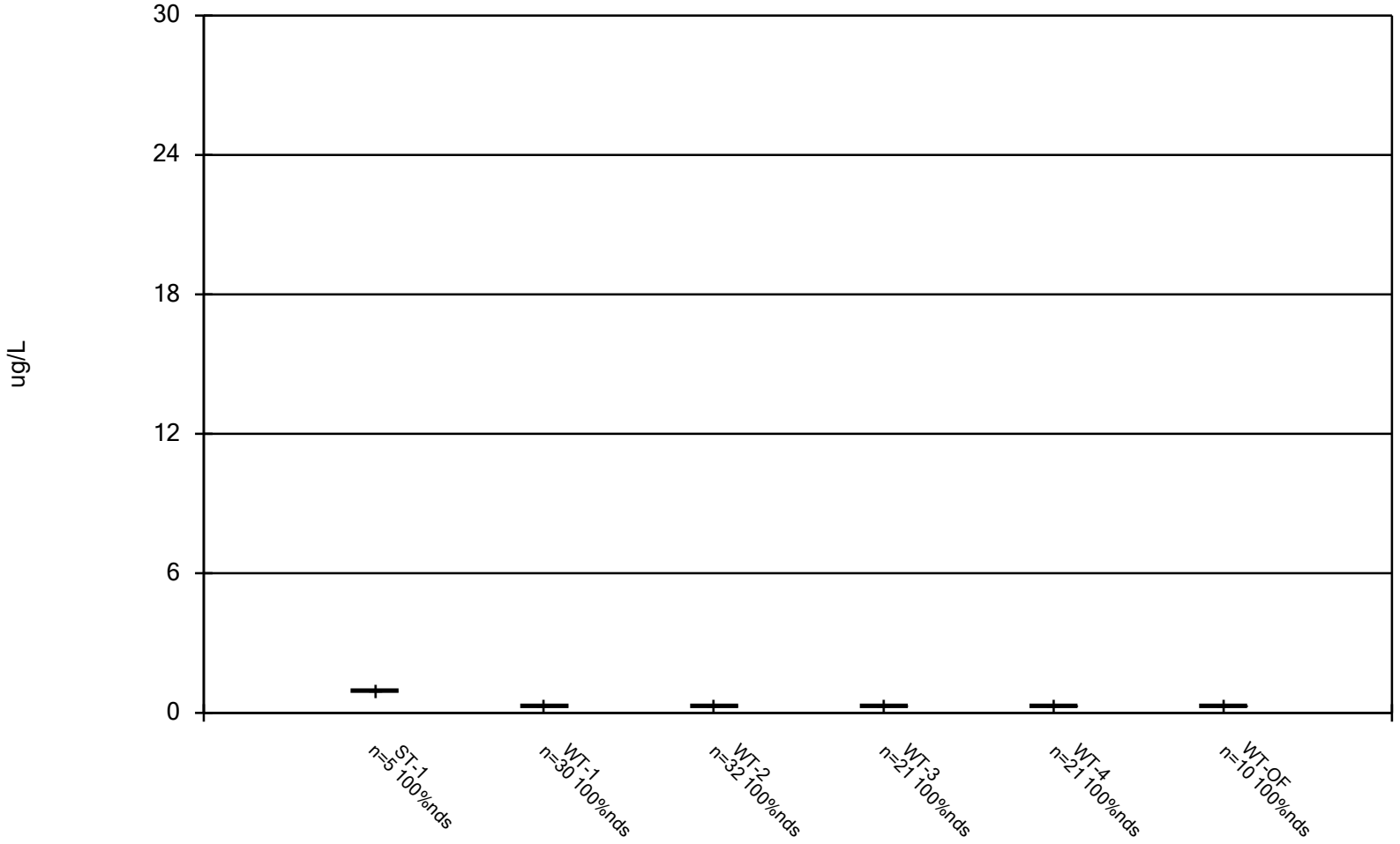
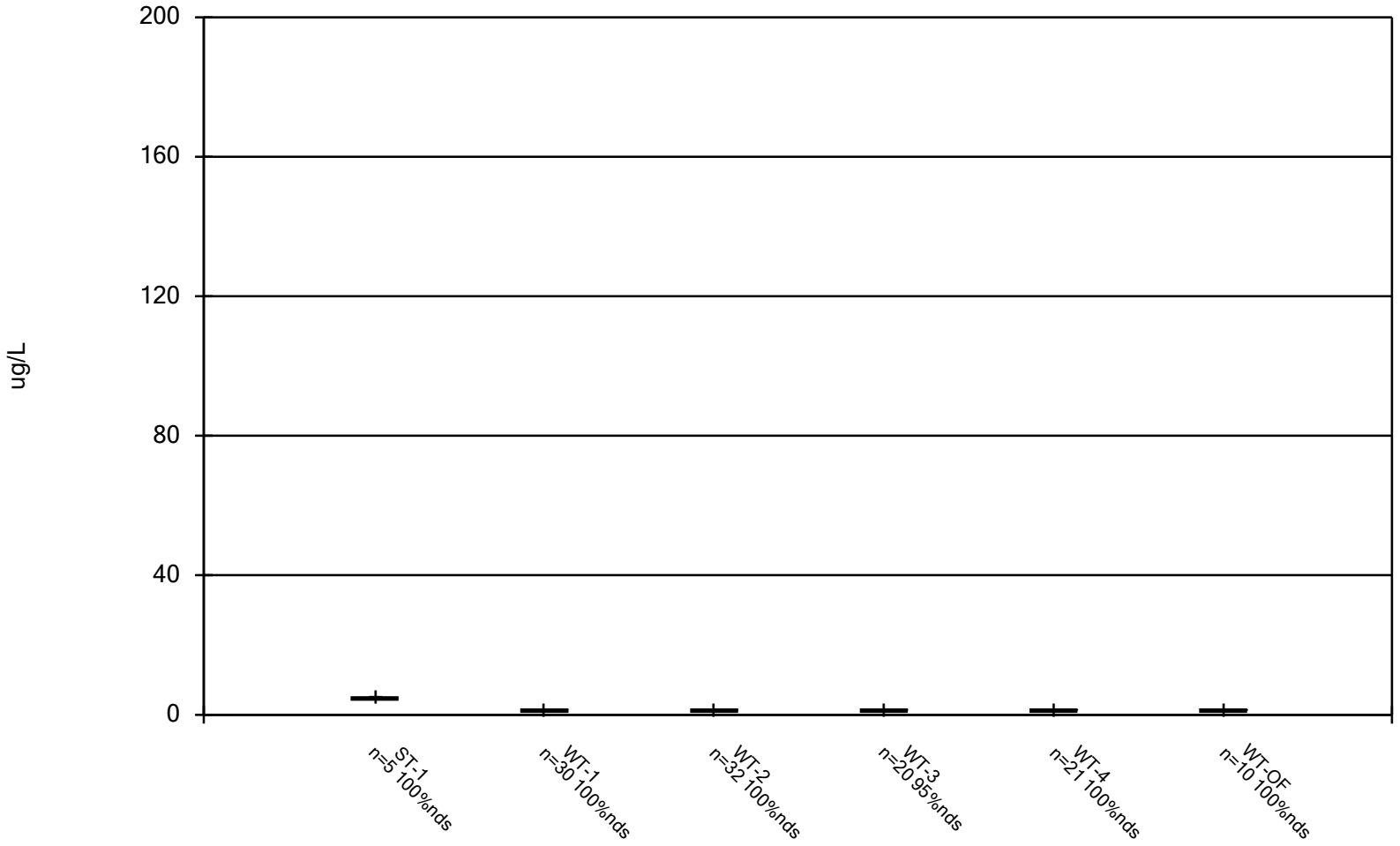
Box & Whiskers Plot



Constituent: Chlorobenzene Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot



Constituent: Chlorodibromomethane Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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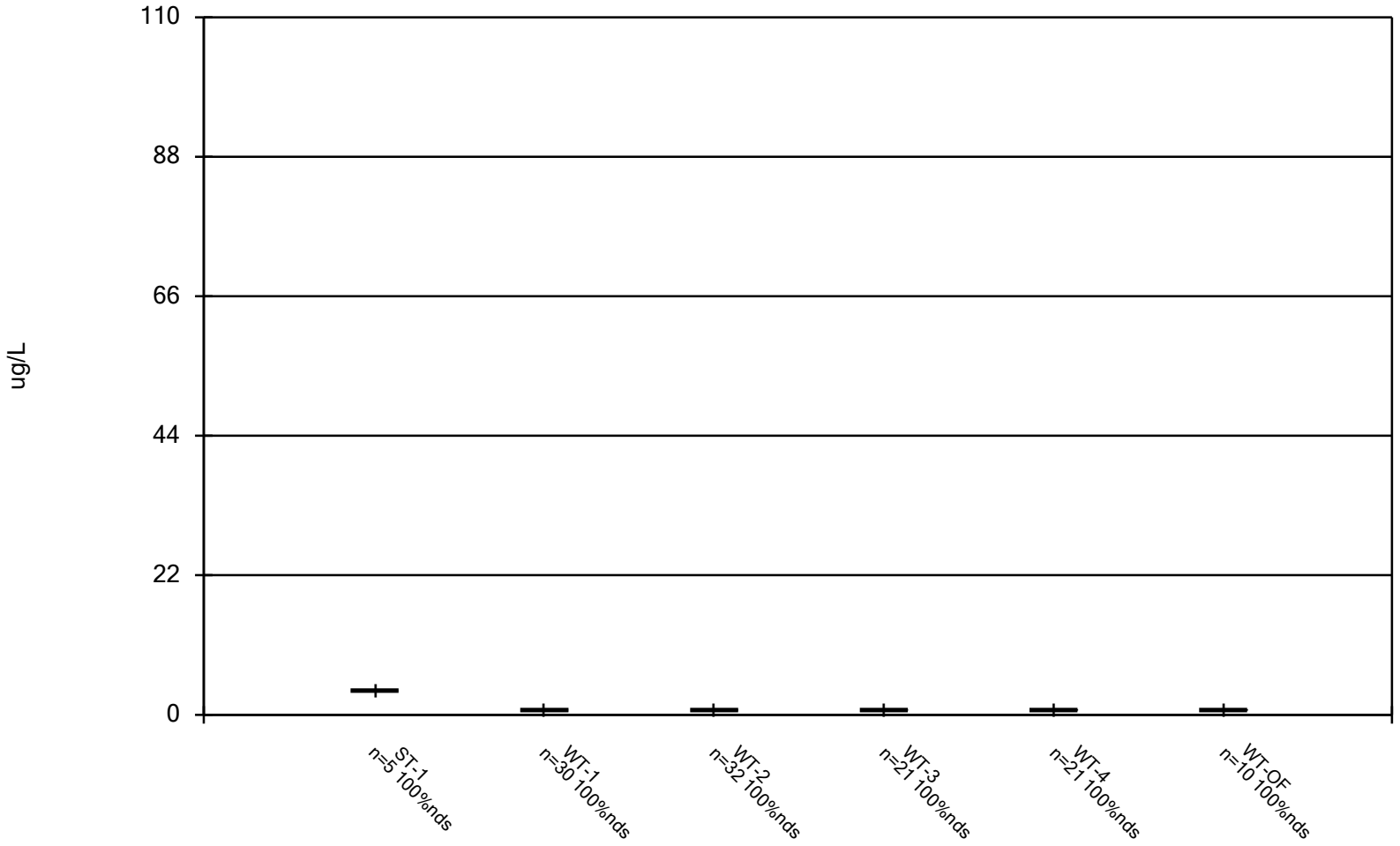
Box & Whiskers Plot



Constituent: Chloroethane Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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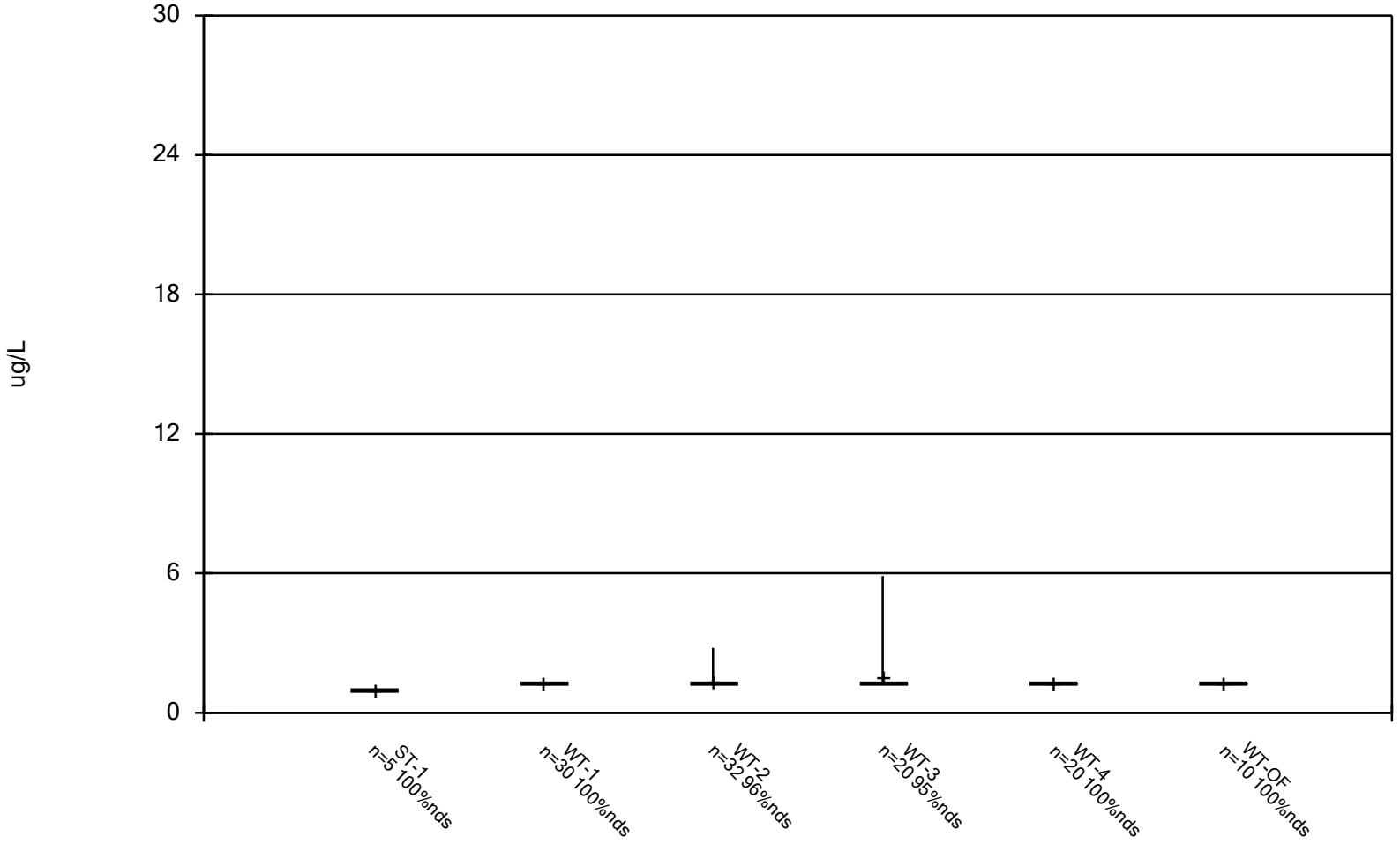
Box & Whiskers Plot



Constituent: Chloroform Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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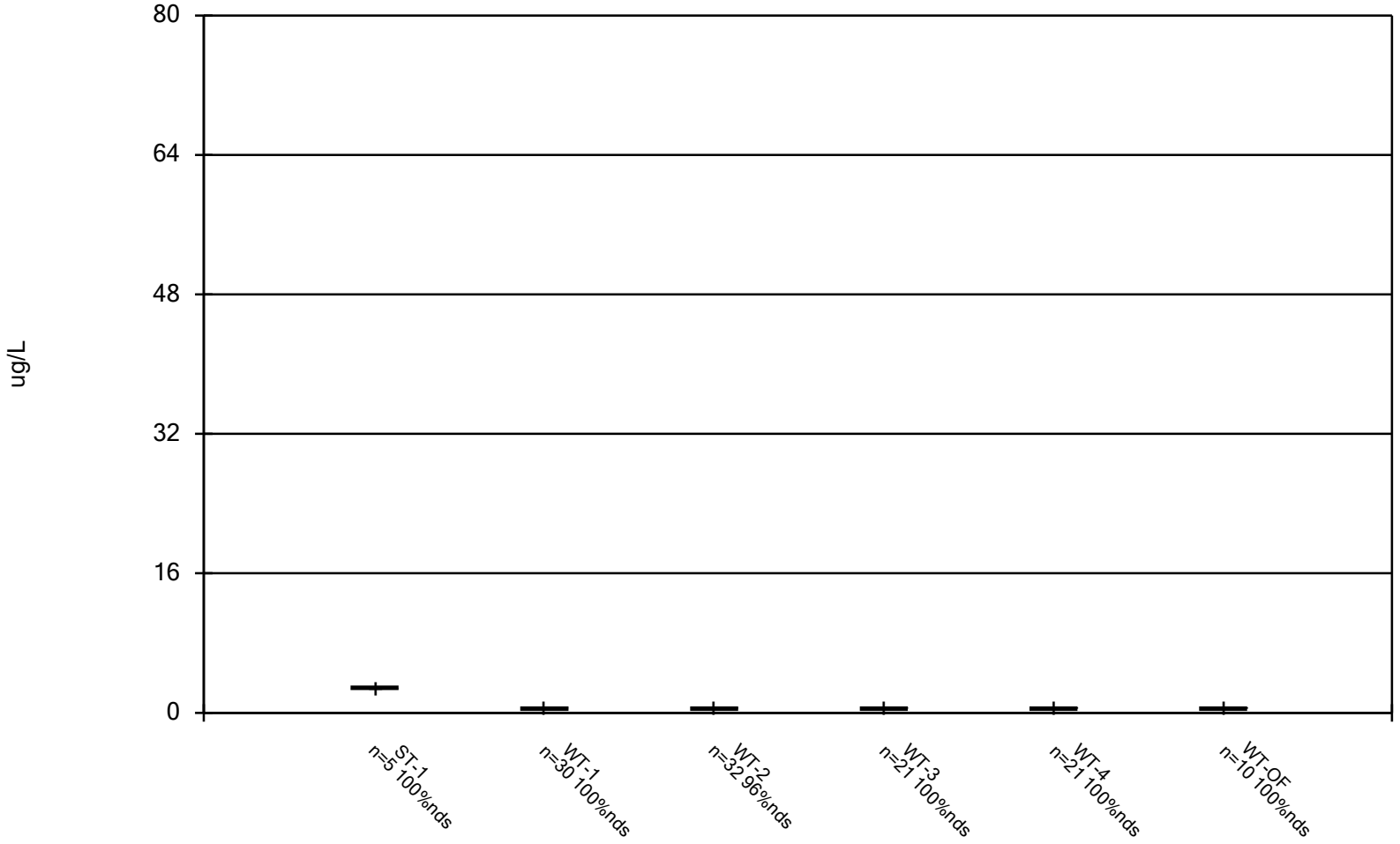

Constituent: Chloromethane Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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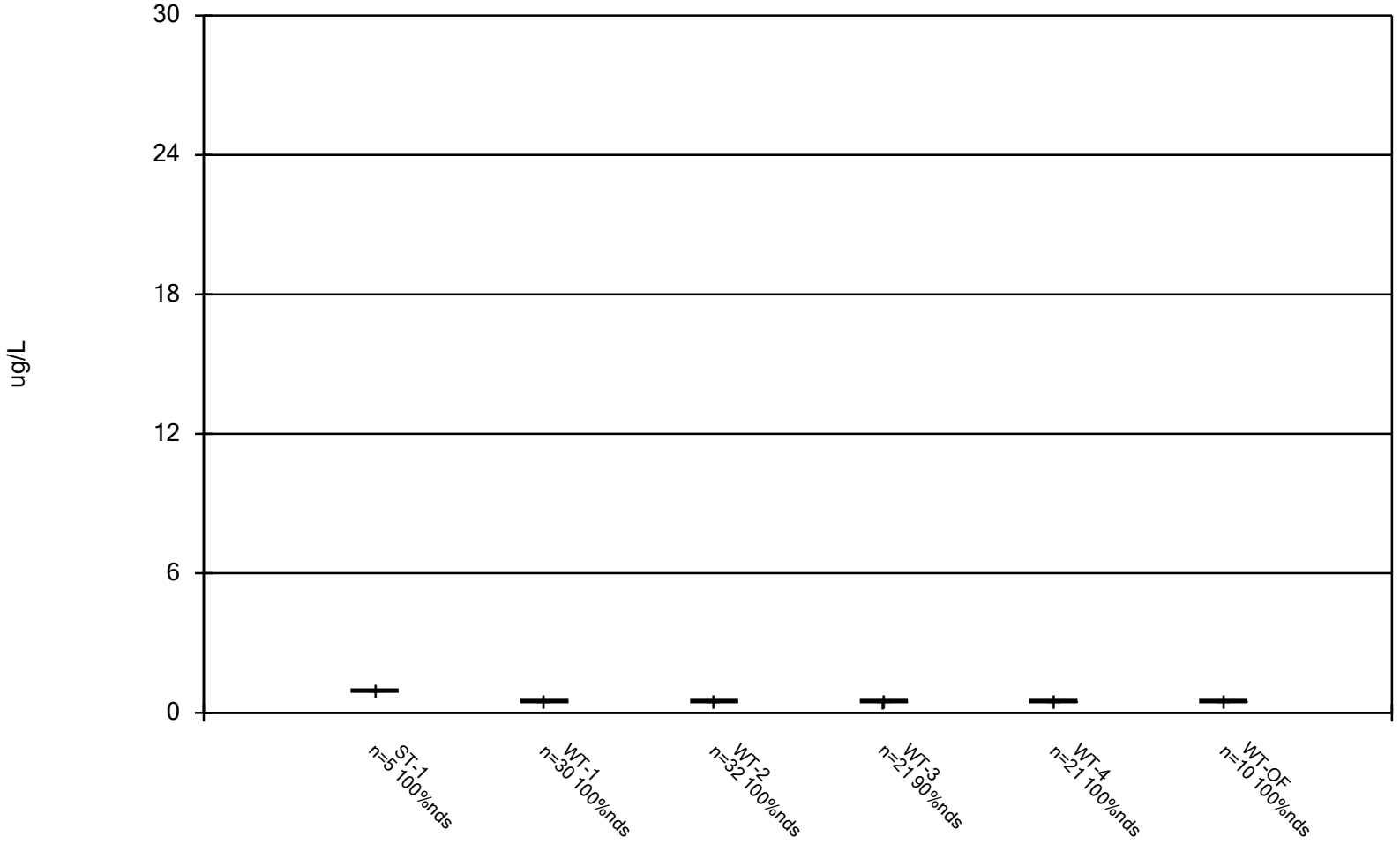
Box & Whiskers Plot



Constituent: cis-1,2-Dichloroethene Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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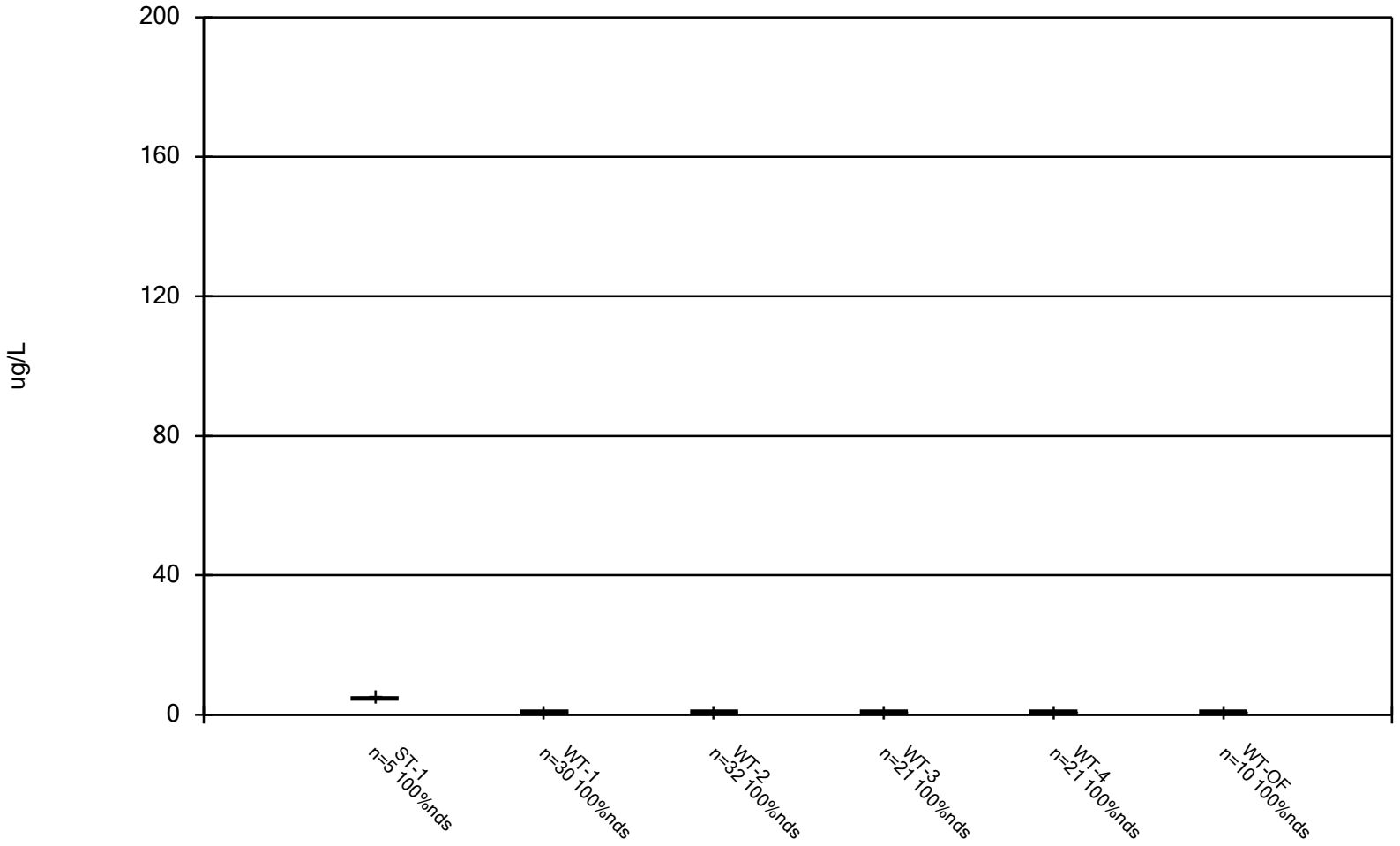
Box & Whiskers Plot



Constituent: cis-1,3-Dichloropropene Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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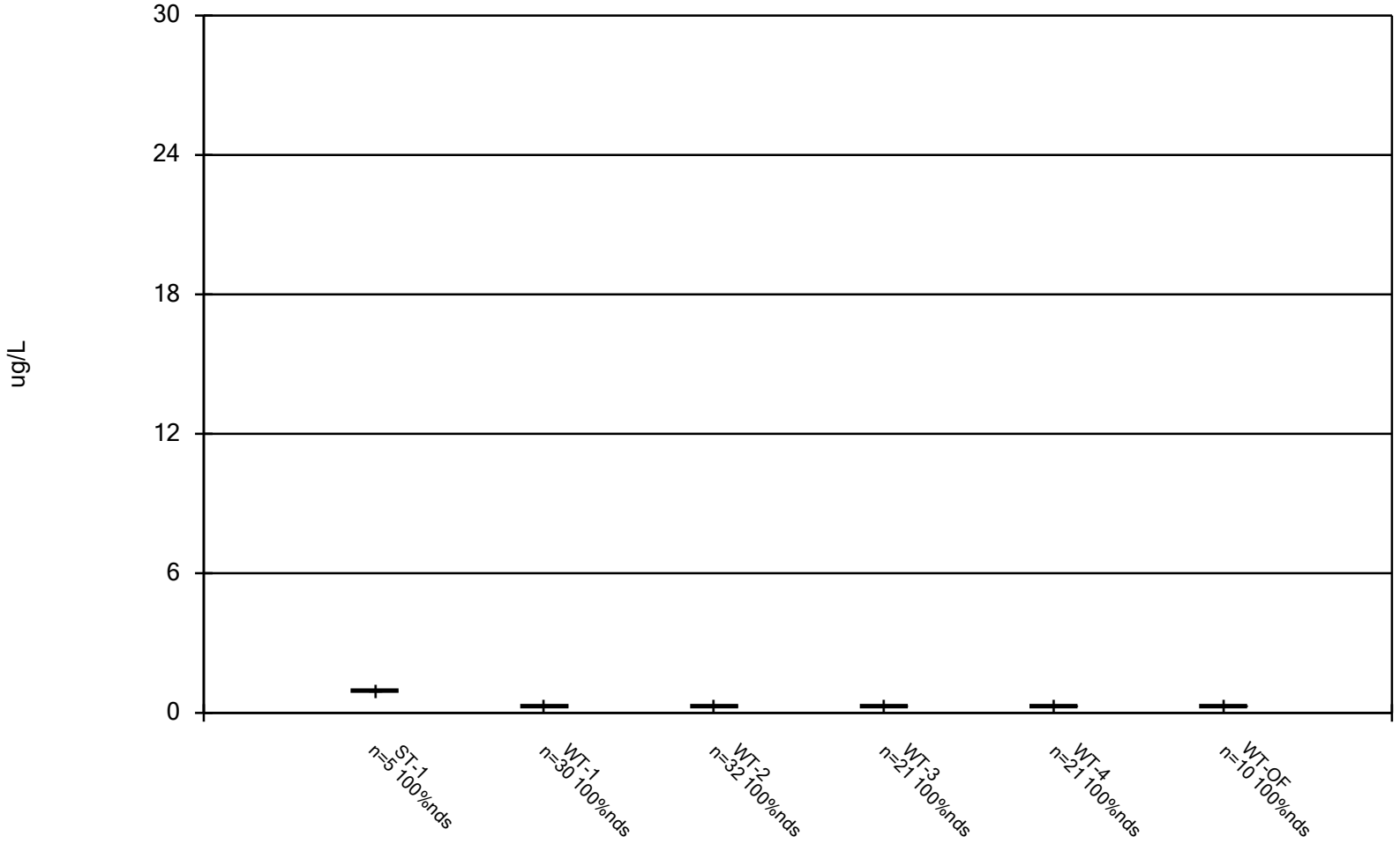
Box & Whiskers Plot



Constituent: Dibromomethane Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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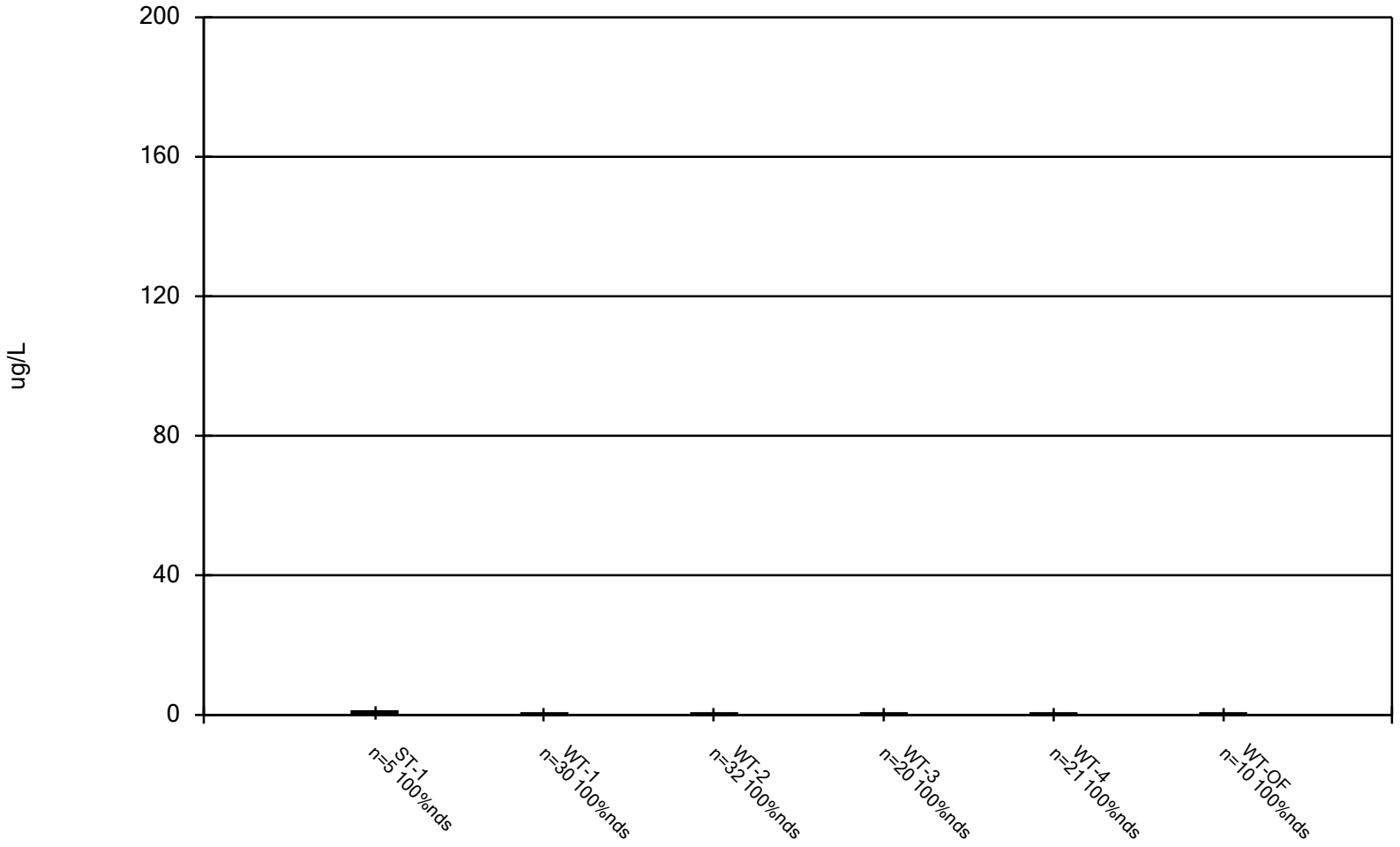
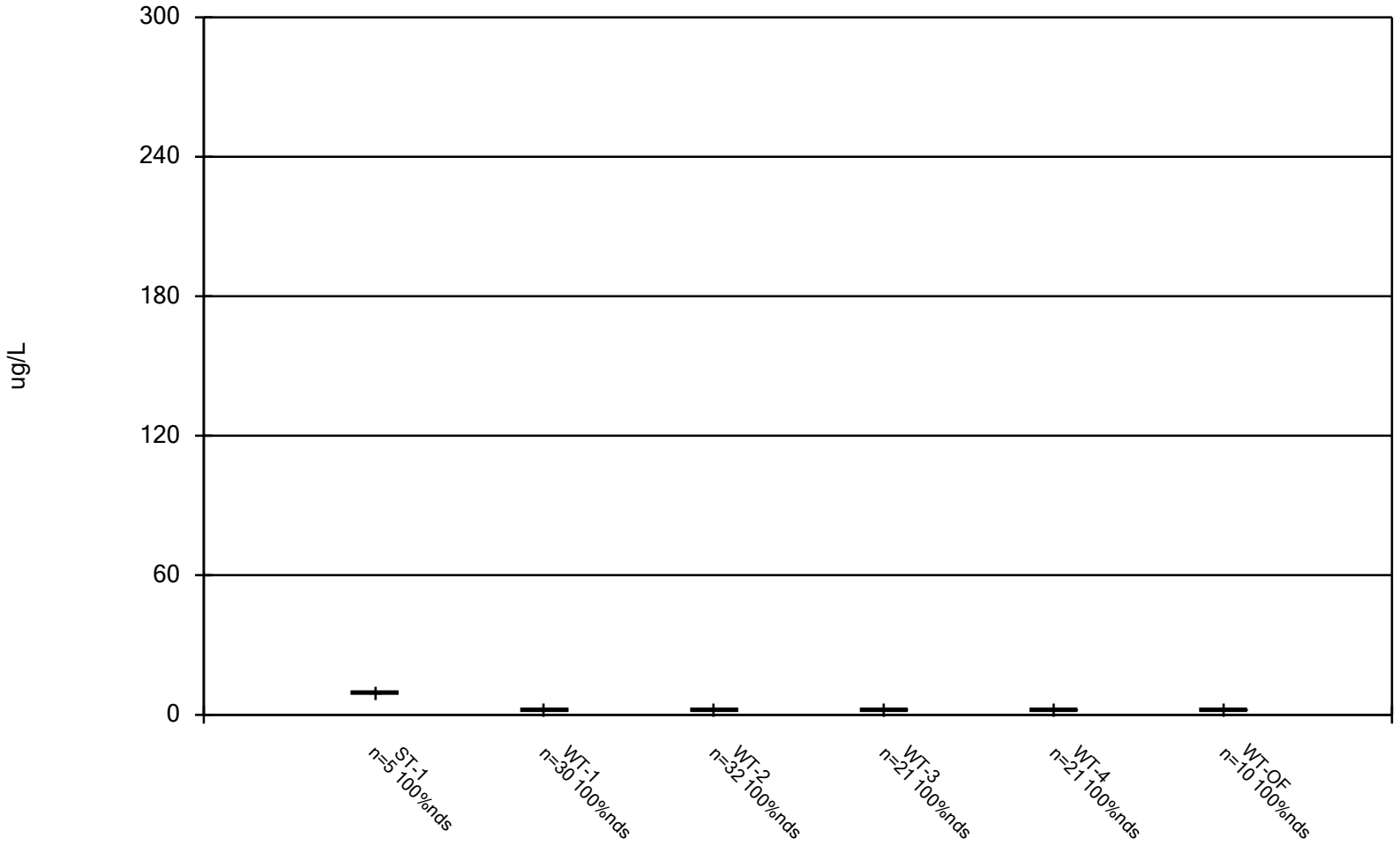
Box & Whiskers Plot



Constituent: Ethylbenzene Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot



Constituent: Iodomethane Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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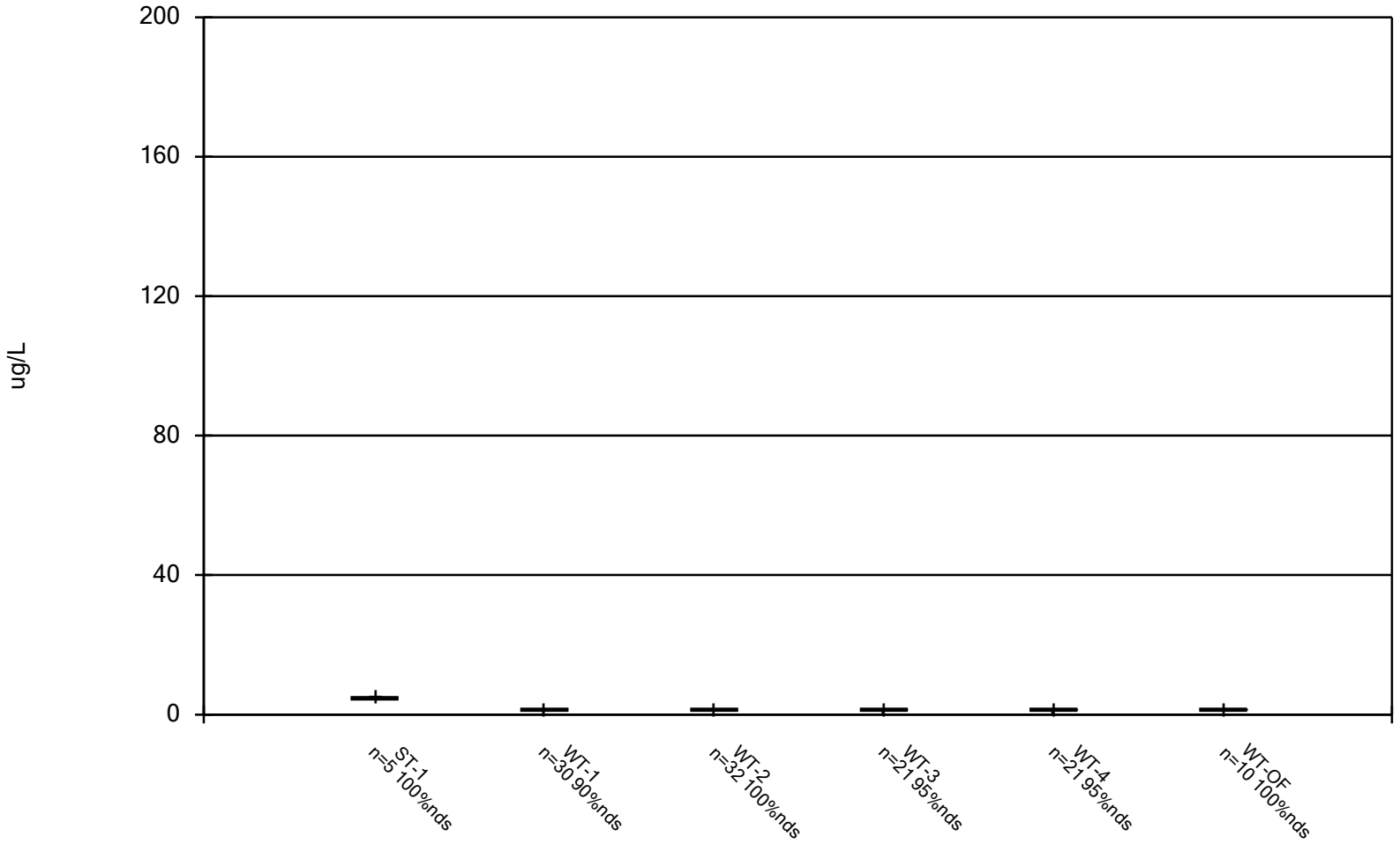

Constituent: Methylene Chloride Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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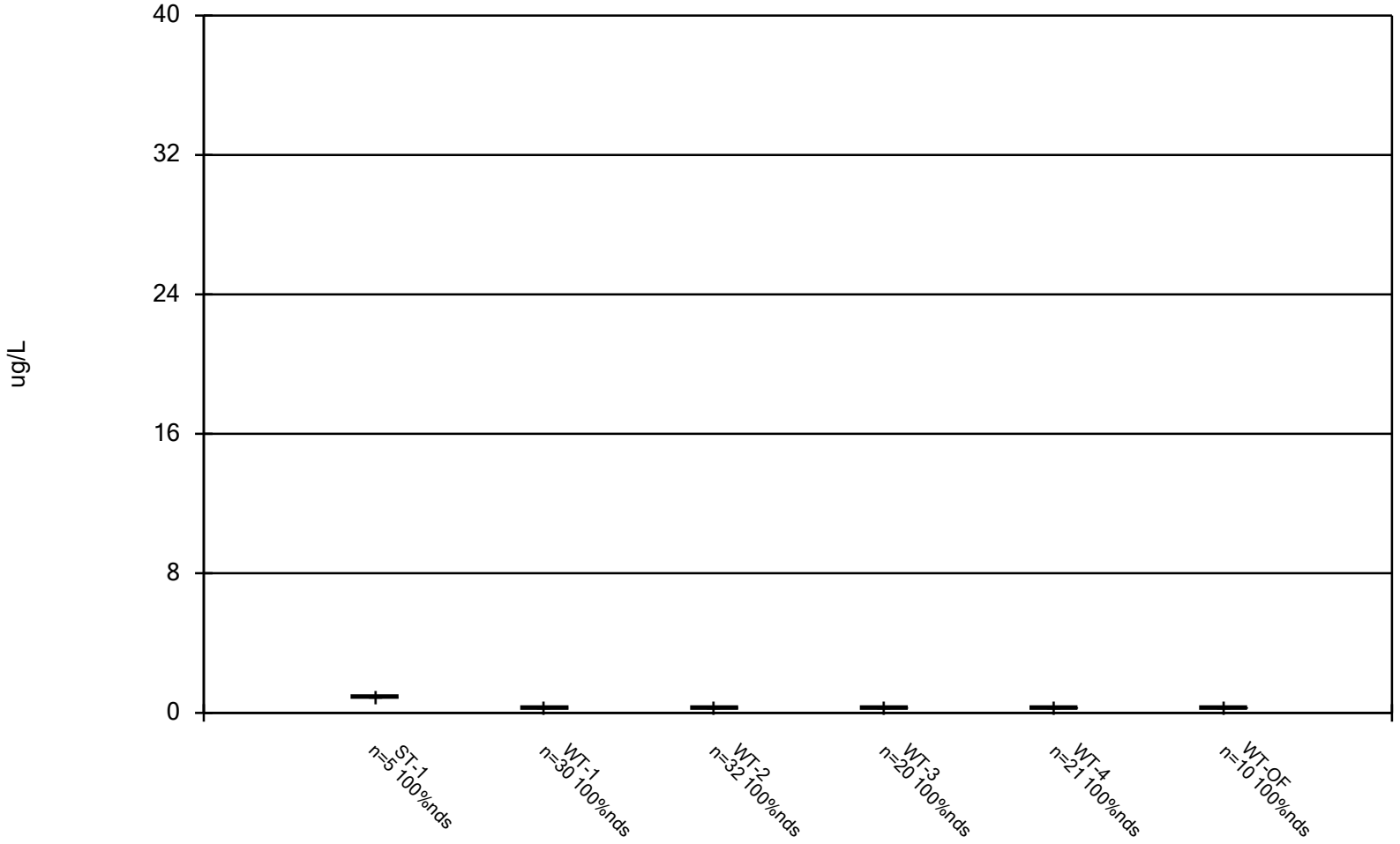
Box & Whiskers Plot



Constituent: Styrene Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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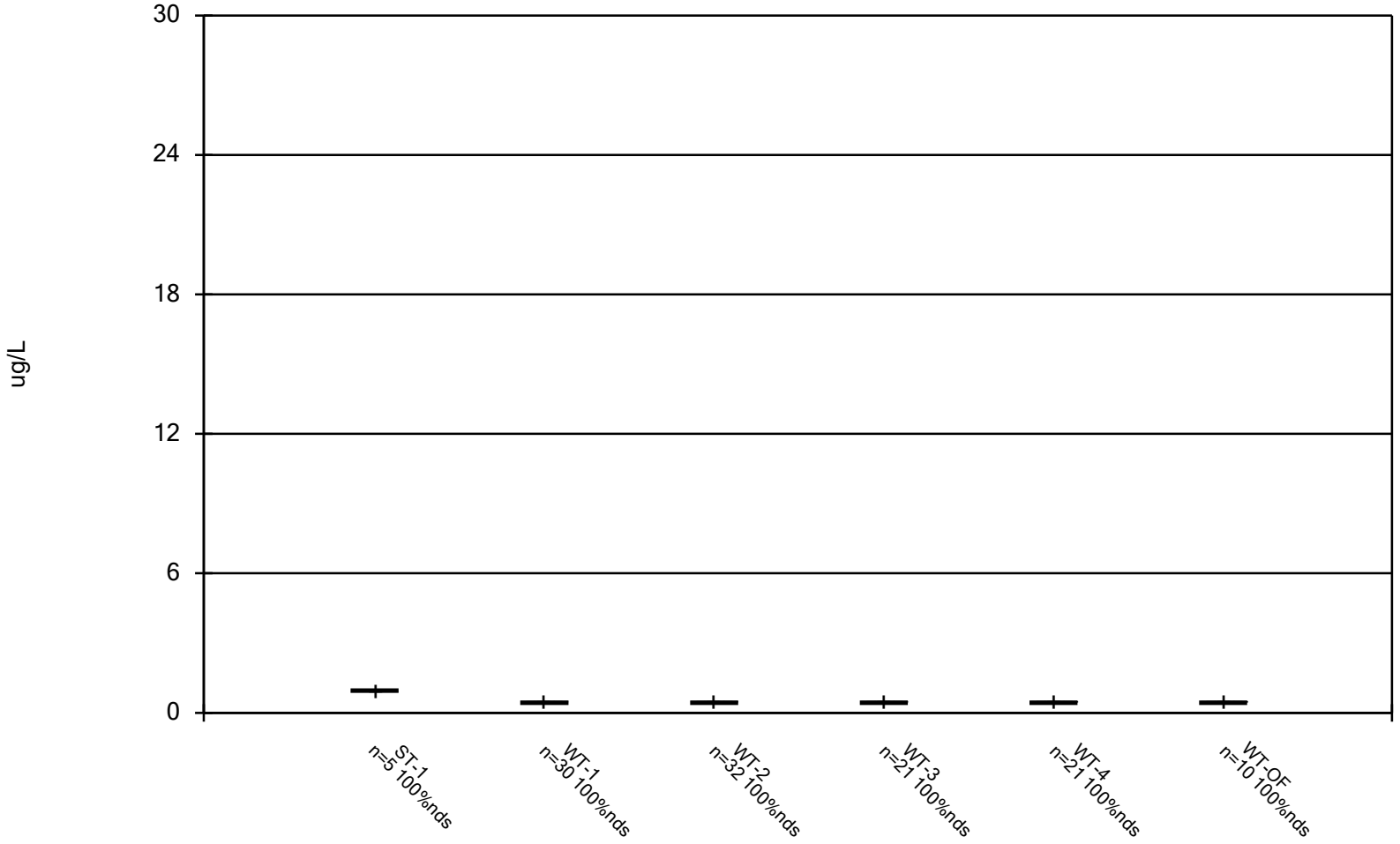
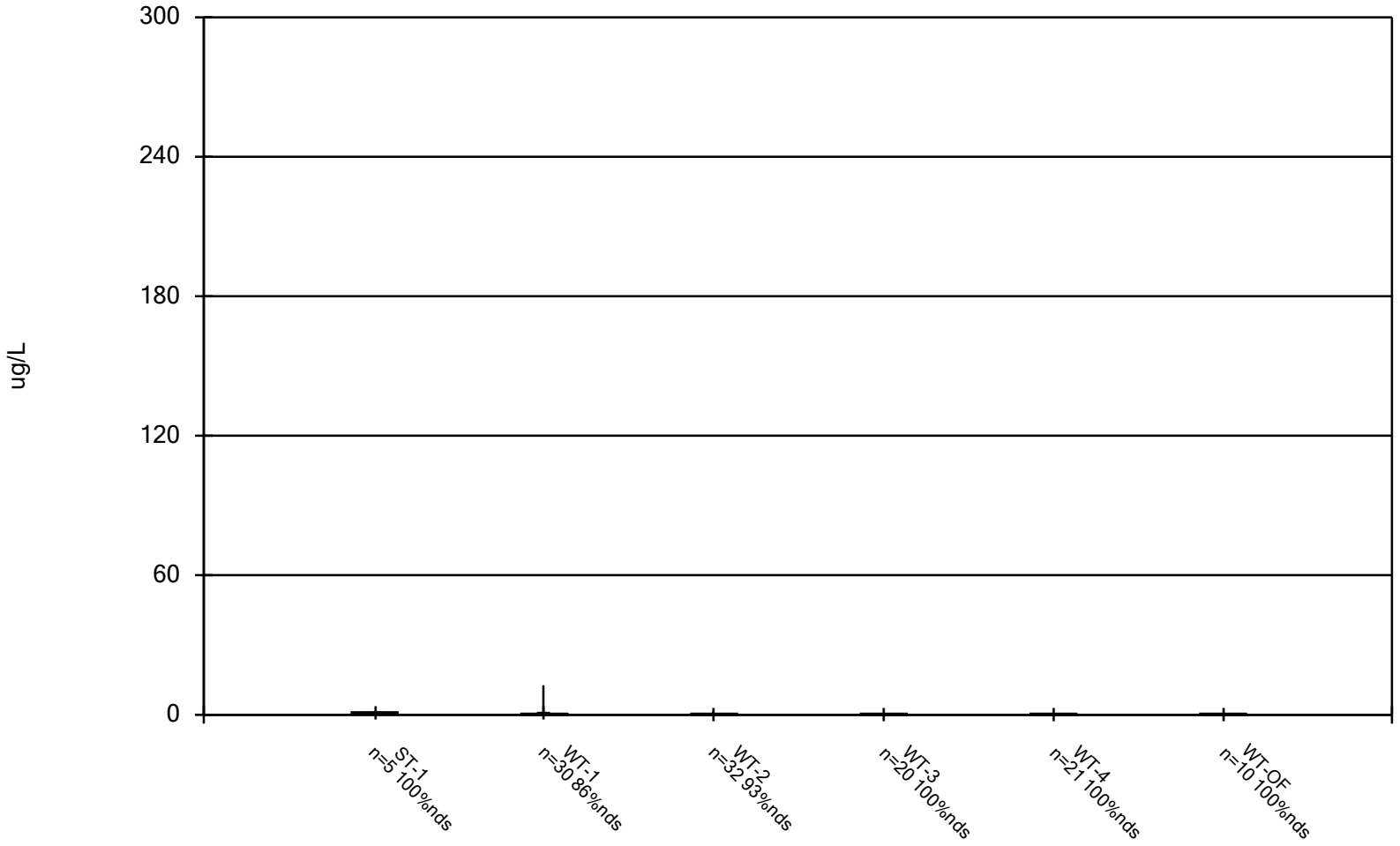


Constituent: Tetrachloroethene Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot



Constituent: Toluene Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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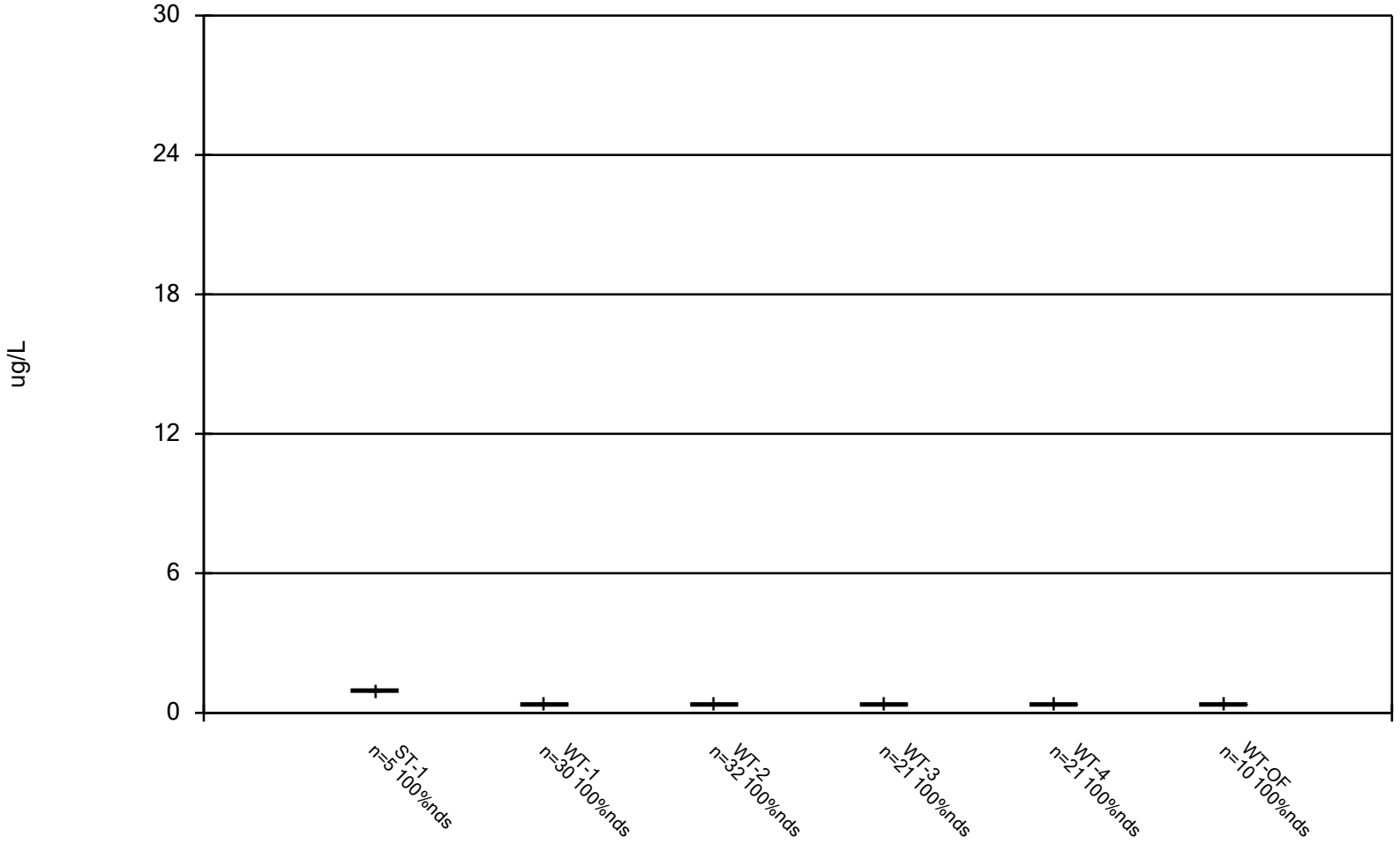
Box & Whiskers Plot



Constituent: trans-1,2-Dichloroethene Analysis Run 6/30/2026 12:26 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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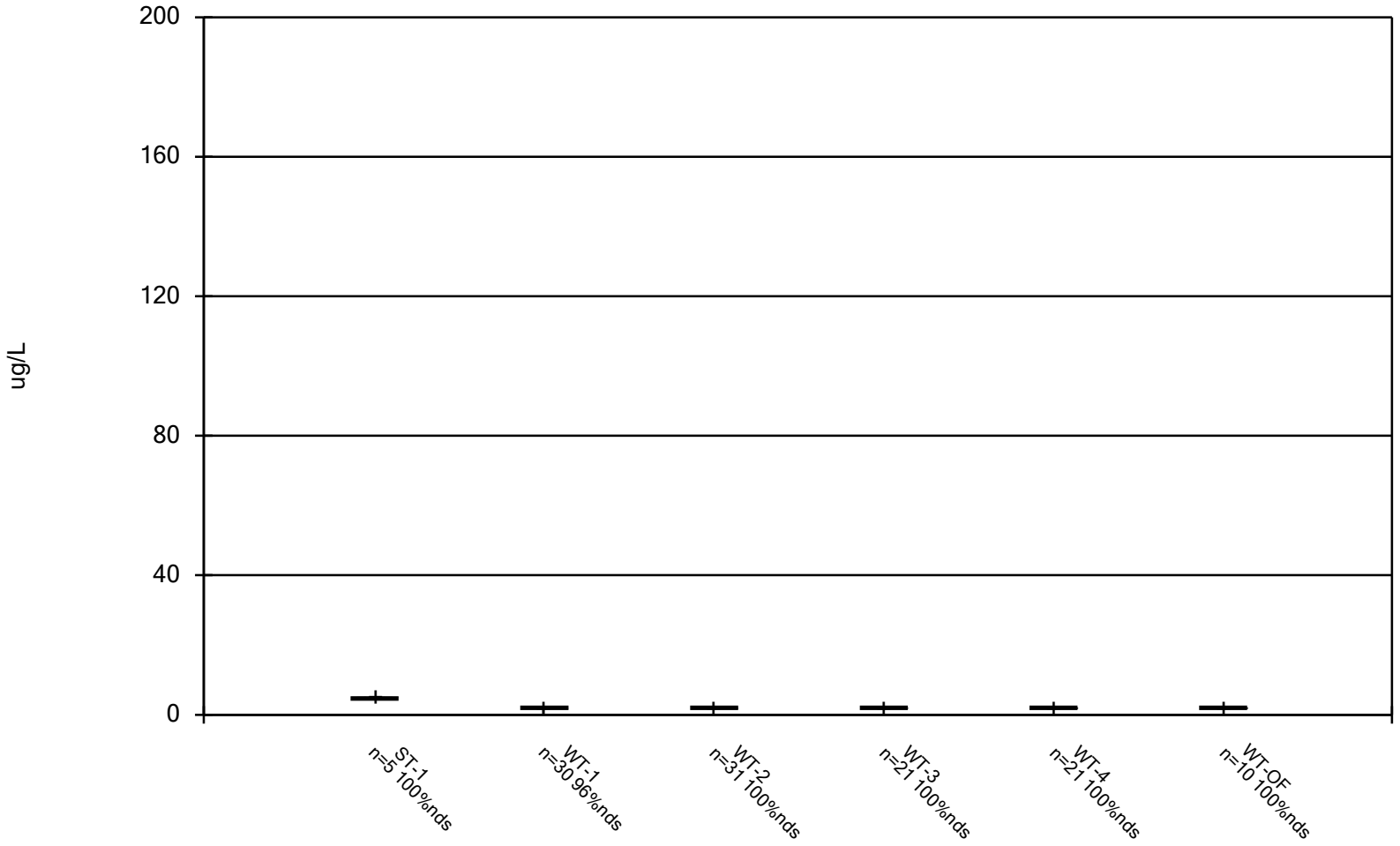
Box & Whiskers Plot



Constituent: trans-1,3-Dichloropropene Analysis Run 6/30/2026 12:27 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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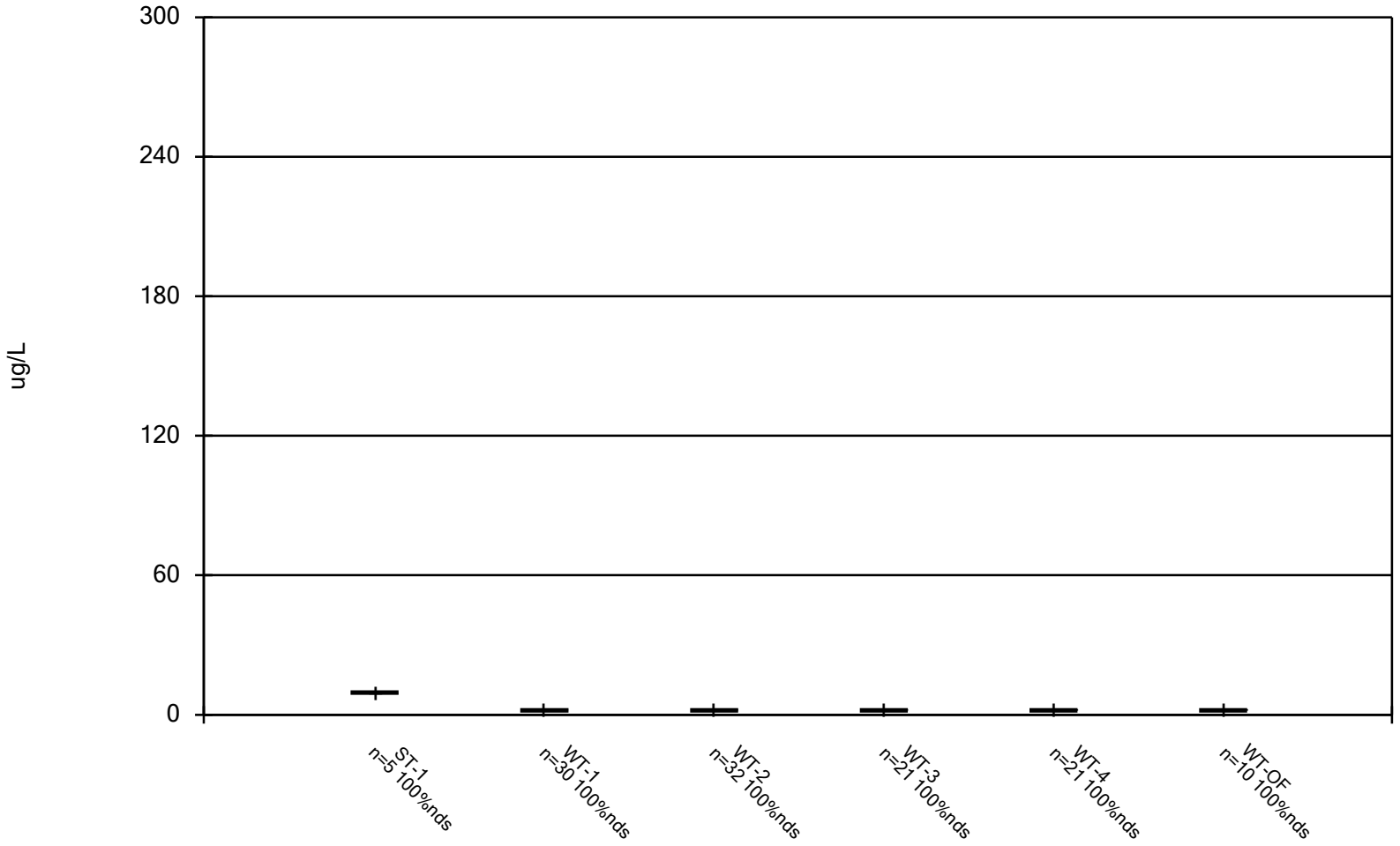
Box & Whiskers Plot



Constituent: trans-1,4-Dichloro-2-Butene Analysis Run 6/30/2026 12:27 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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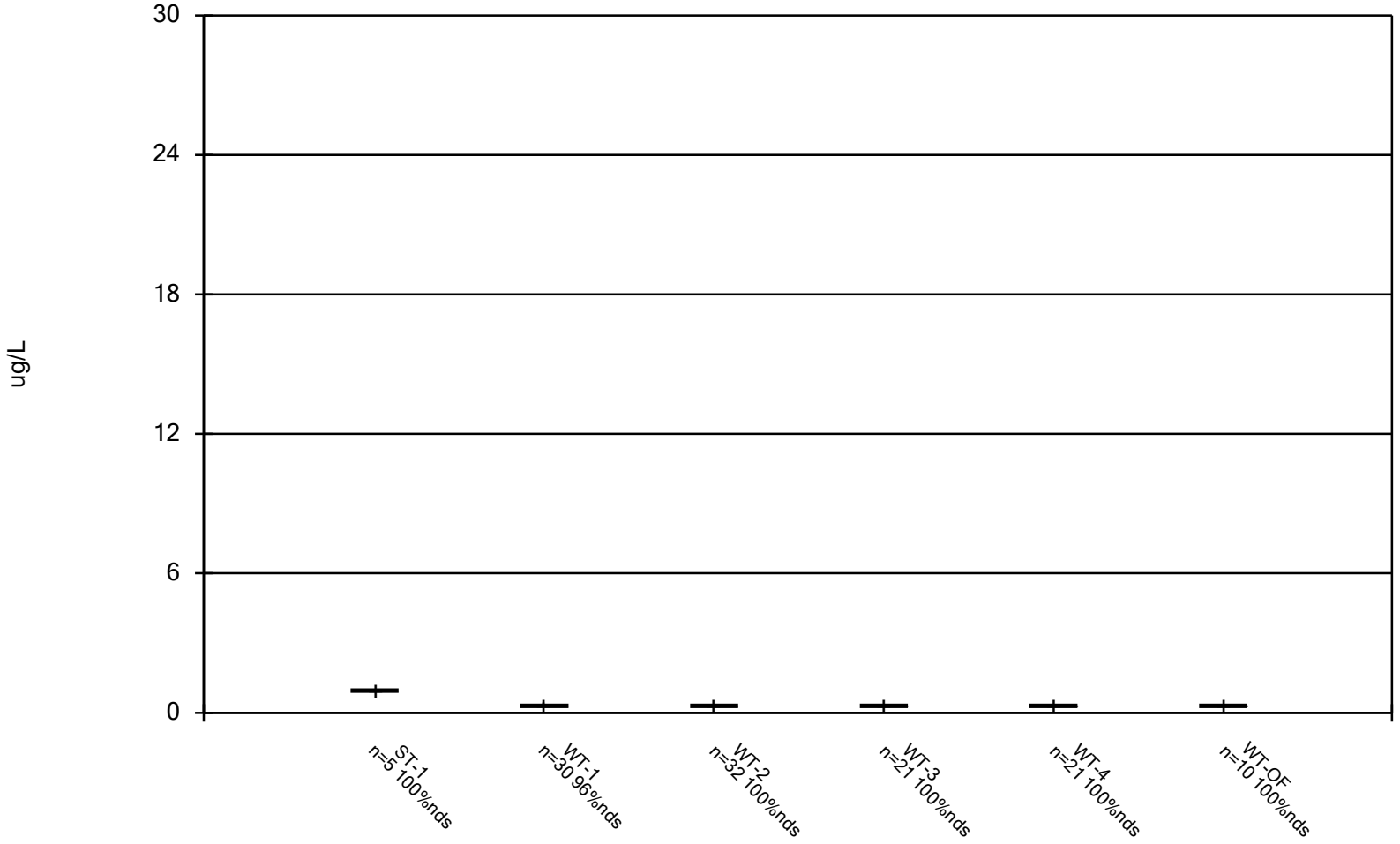
Box & Whiskers Plot



Constituent: Trichloroethene Analysis Run 6/30/2026 12:27 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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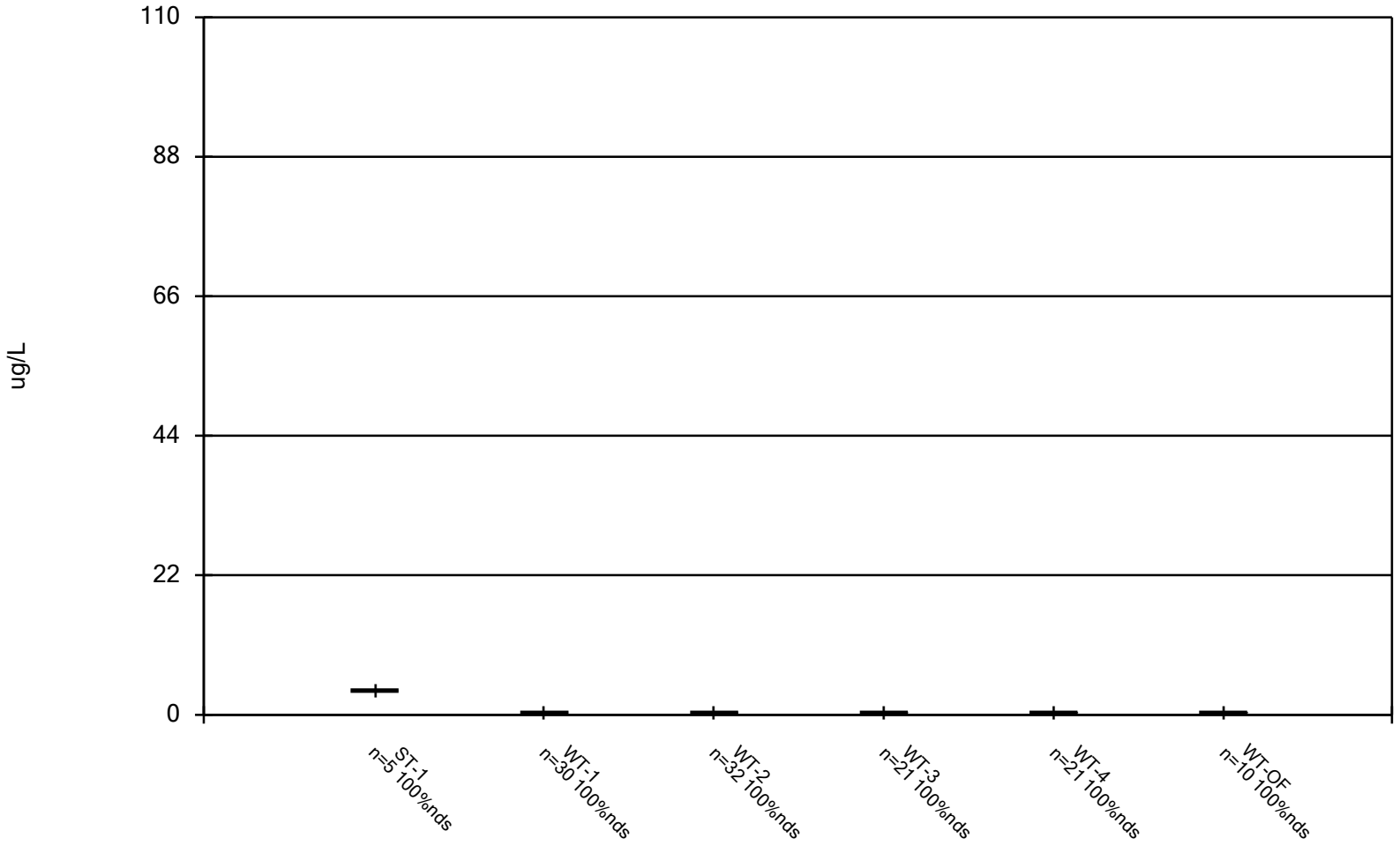
Box & Whiskers Plot



Constituent: Trichlorofluoromethane Analysis Run 6/30/2026 12:27 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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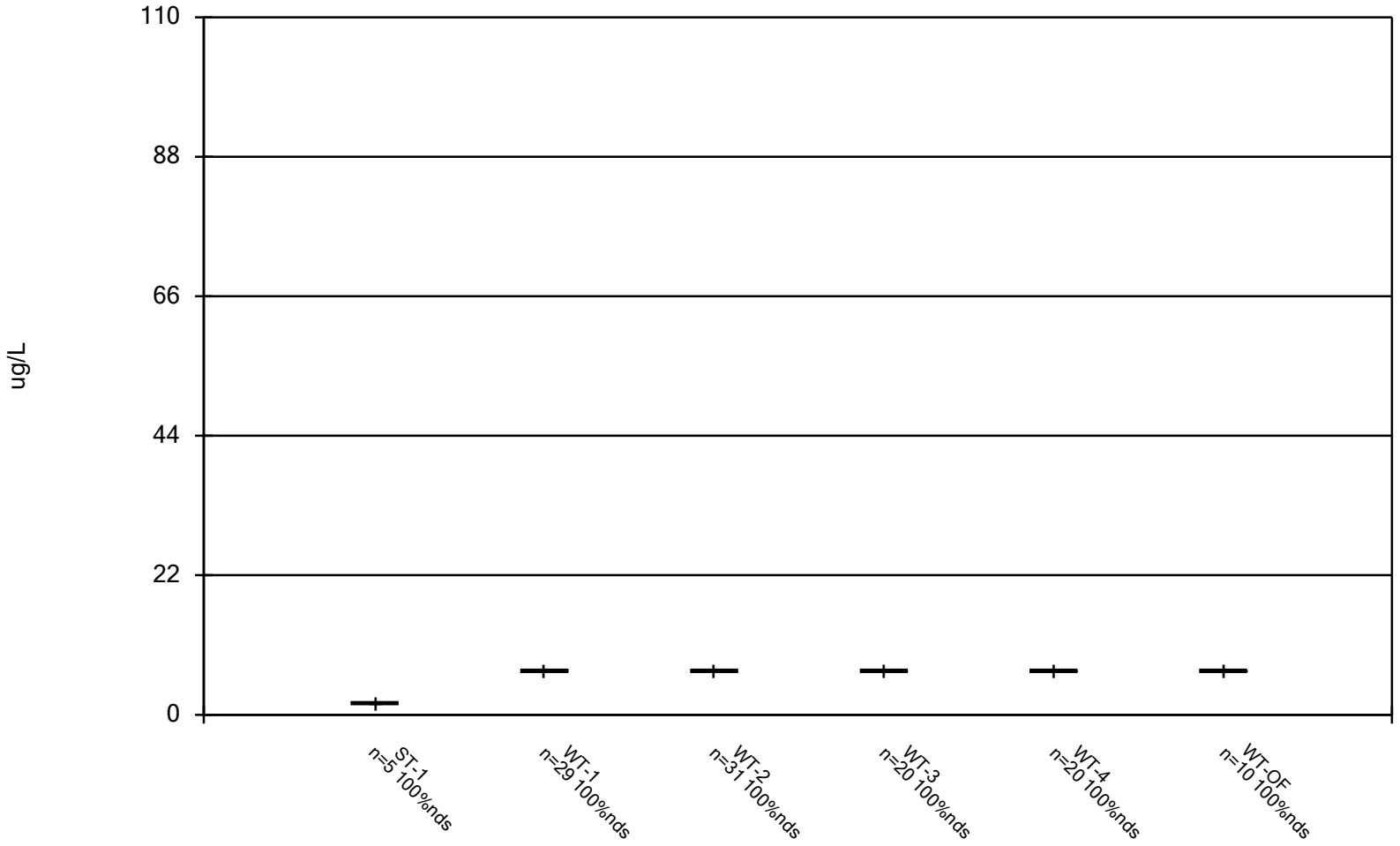
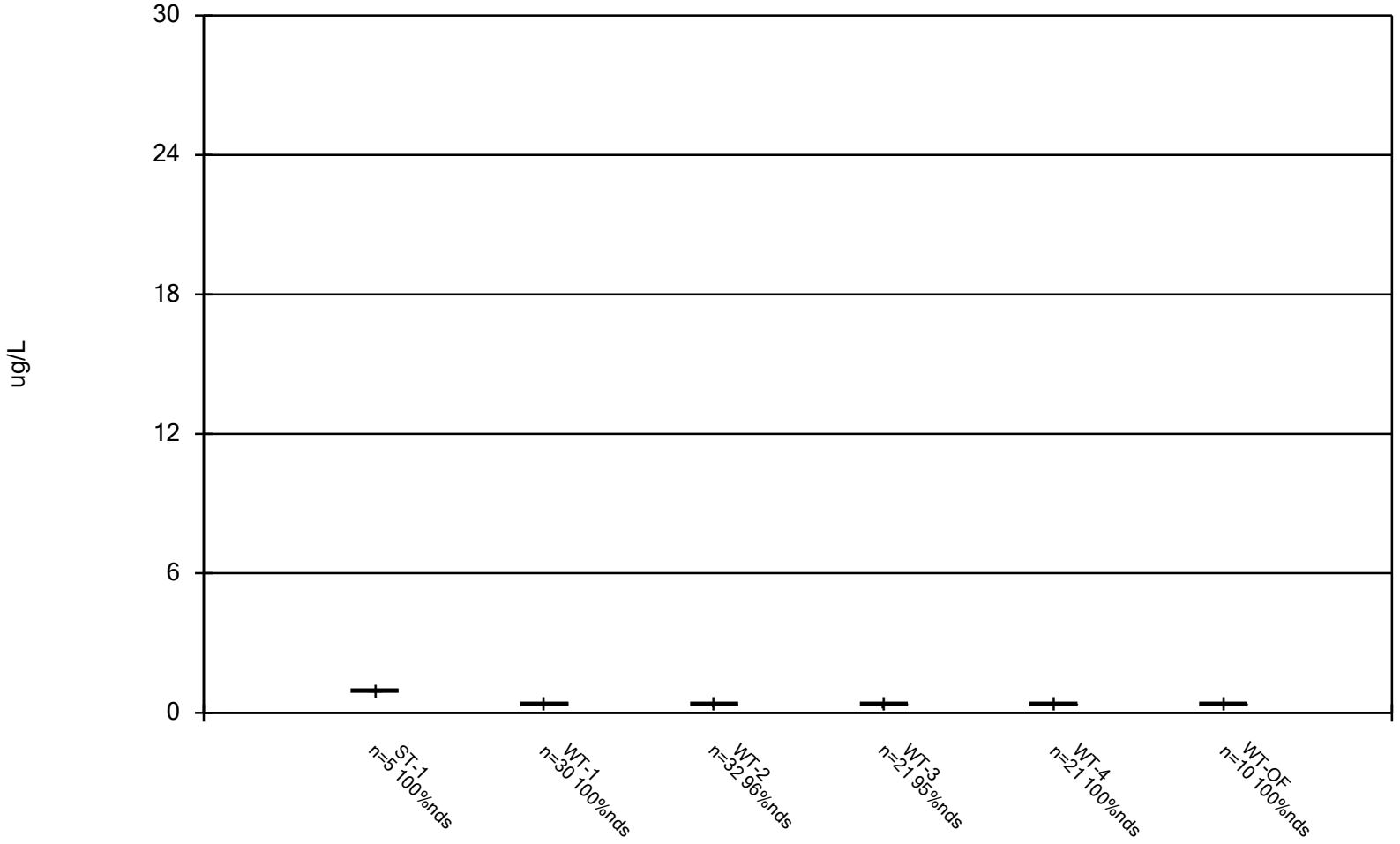
Box & Whiskers Plot



Constituent: Vinyl Acetate Analysis Run 6/30/2026 12:27 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

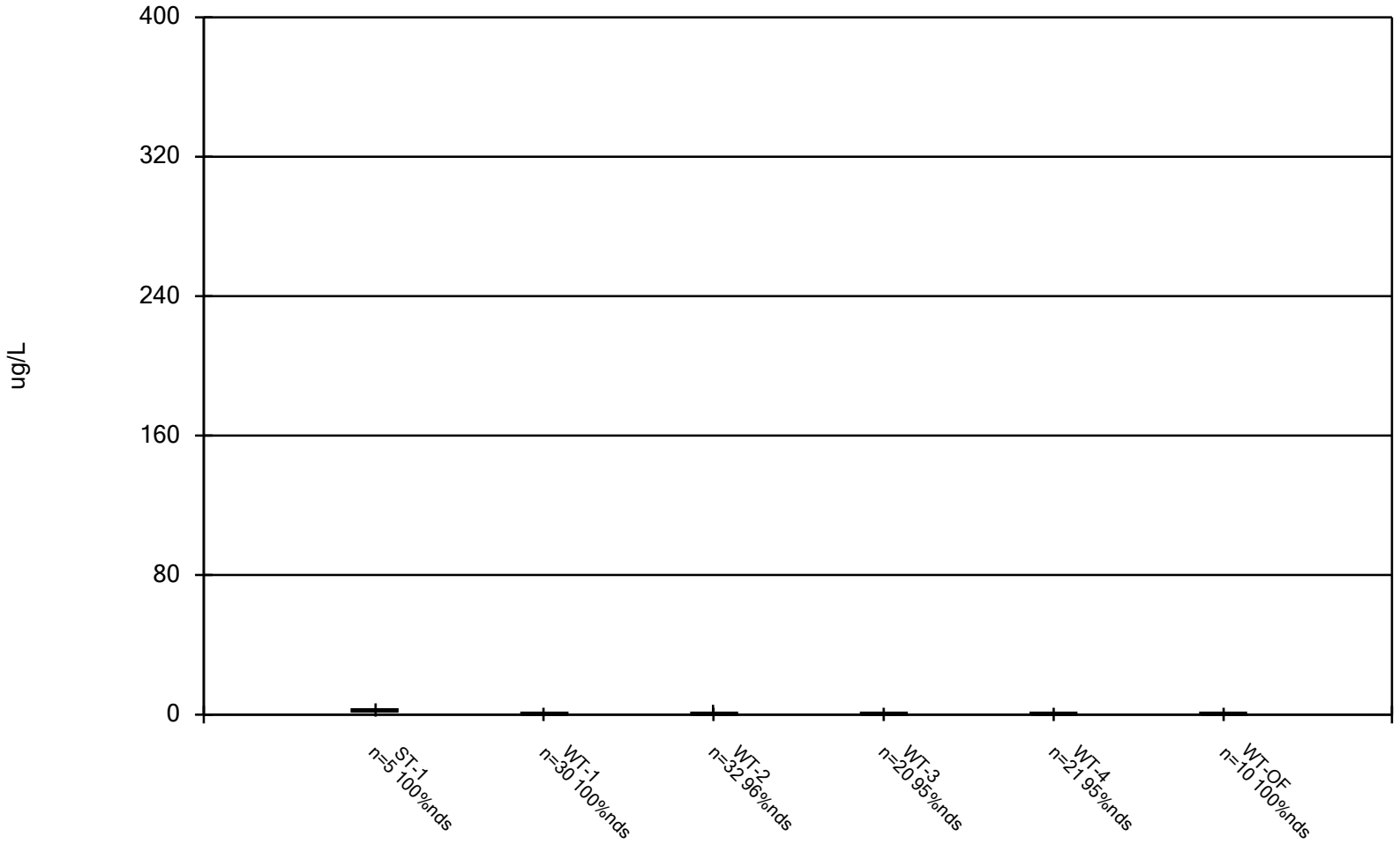
Box & Whiskers Plot



Constituent: Vinyl Chloride Analysis Run 6/30/2026 12:27 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot



Constituent: Xylenes, Total Analysis Run 6/30/2026 12:27 PM View: 02_GU_Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 12:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,1,1,2-Tetrachloroethane (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
1,1,1,2-Tetrachloroethane (ug/L)	WT-1	30	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	WT-2	32	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	WT-3	21	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	WT-4	21	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1,2-Tetrachloroethane (ug/L)	WT-OF	10	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,1,1-Trichloroethane (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
1,1,1-Trichloroethane (ug/L)	WT-1	30	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	WT-2	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	WT-3	21	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	WT-4	21	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	WT-OF	10	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,2,2-Tetrachloroethane (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
1,1,2,2-Tetrachloroethane (ug/L)	WT-1	30	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
1,1,2,2-Tetrachloroethane (ug/L)	WT-2	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
1,1,2,2-Tetrachloroethane (ug/L)	WT-3	21	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
1,1,2,2-Tetrachloroethane (ug/L)	WT-4	21	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
1,1,2,2-Tetrachloroethane (ug/L)	WT-OF	10	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
1,1,2-Trichloroethane (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
1,1,2-Trichloroethane (ug/L)	WT-1	30	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
1,1,2-Trichloroethane (ug/L)	WT-2	31	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
1,1,2-Trichloroethane (ug/L)	WT-3	21	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
1,1,2-Trichloroethane (ug/L)	WT-4	21	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
1,1,2-Trichloroethane (ug/L)	WT-OF	10	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
1,1-Dichloroethane (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
1,1-Dichloroethane (ug/L)	WT-1	30	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	WT-2	32	0.402	0.03279	0.005796	0.4	0.4	0.4	0.3	0.508	81.25
1,1-Dichloroethane (ug/L)	WT-3	21	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	WT-4	21	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	WT-OF	10	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethene (ug/L)	ST-1	5	2	0	0	2	2	2	2	2	100
1,1-Dichloroethene (ug/L)	WT-1	30	0.46	0	0	0.46	0.46	0.46	0.46	0.46	100
1,1-Dichloroethene (ug/L)	WT-2	32	0.46	0	0	0.46	0.46	0.46	0.46	0.46	100
1,1-Dichloroethene (ug/L)	WT-3	21	0.46	0	0	0.46	0.46	0.46	0.46	0.46	100
1,1-Dichloroethene (ug/L)	WT-4	21	0.46	0	0	0.46	0.46	0.46	0.46	0.46	100
1,1-Dichloroethene (ug/L)	WT-OF	10	0.46	0	0	0.46	0.46	0.46	0.46	0.46	100
1,2,3-Trichloropropane (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
1,2,3-Trichloropropane (ug/L)	WT-1	30	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
1,2,3-Trichloropropane (ug/L)	WT-2	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
1,2,3-Trichloropropane (ug/L)	WT-3	21	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
1,2,3-Trichloropropane (ug/L)	WT-4	21	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
1,2,3-Trichloropropane (ug/L)	WT-OF	10	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
1,2-Dibromo-3-Chloropropane (ug/L)	ST-1	5	10	0	0	10	10	10	10	10	100
1,2-Dibromo-3-Chloropropane (ug/L)	WT-1	30	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-Chloropropane (ug/L)	WT-2	33	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-Chloropropane (ug/L)	WT-3	21	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-Chloropropane (ug/L)	WT-4	21	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromo-3-Chloropropane (ug/L)	WT-OF	10	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
1,2-Dibromoethane [EDB] (ug/L)	ST-1	5	10	0	0	10	10	10	10	10	100
1,2-Dibromoethane [EDB] (ug/L)	WT-1	30	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100

Box & Whiskers Plot

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Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,2-Dibromoethane [EDB] (ug/L)	WT-2	33	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	WT-3	21	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	WT-4	21	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	WT-OF	10	0.34	0	0	0.34	0.34	0.34	0.34	0.34	100
1,2-Dichlorobenzene (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
1,2-Dichlorobenzene (ug/L)	WT-1	30	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	WT-2	32	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	WT-3	21	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	WT-4	21	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	WT-OF	10	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
1,2-Dichloroethane (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
1,2-Dichloroethane (ug/L)	WT-1	30	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	WT-2	32	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	WT-3	21	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	WT-4	21	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	WT-OF	10	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloropropane (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
1,2-Dichloropropane (ug/L)	WT-1	30	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	WT-2	32	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	WT-3	21	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	WT-4	21	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	WT-OF	10	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,4-Dichlorobenzene (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
1,4-Dichlorobenzene (ug/L)	WT-1	30	0.49	0	0	0.49	0.49	0.49	0.49	0.49	100
1,4-Dichlorobenzene (ug/L)	WT-2	32	0.49	0	0	0.49	0.49	0.49	0.49	0.49	100
1,4-Dichlorobenzene (ug/L)	WT-3	21	0.49	0	0	0.49	0.49	0.49	0.49	0.49	100
1,4-Dichlorobenzene (ug/L)	WT-4	21	0.49	0	0	0.49	0.49	0.49	0.49	0.49	100
1,4-Dichlorobenzene (ug/L)	WT-OF	10	0.49	0	0	0.49	0.49	0.49	0.49	0.49	100
2-Butanone [MEK] (ug/L)	ST-1	5	10	0	0	10	10	10	10	10	100
2-Butanone [MEK] (ug/L)	WT-1	29	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	WT-2	32	3.619	1.237	0.2187	3.4	3.4	3.4	3.4	10.4	96.88
2-Butanone [MEK] (ug/L)	WT-3	21	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	WT-4	21	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	WT-OF	10	3.959	1.768	0.559	3.4	3.4	3.4	3.4	8.99	90
2-Hexanone (ug/L)	ST-1	5	10	0	0	10	10	10	10	10	100
2-Hexanone (ug/L)	WT-1	30	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
2-Hexanone (ug/L)	WT-2	32	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
2-Hexanone (ug/L)	WT-3	21	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
2-Hexanone (ug/L)	WT-4	21	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
2-Hexanone (ug/L)	WT-OF	10	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
4-Methyl-2-pentanone [MIBK] (ug/L)	ST-1	5	10	0	0	10	10	10	10	10	100
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-1	30	3.447	0.3748	0.06844	3.5	3.5	3.5	1.5	3.9	93.33
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-2	31	3.422	0.4328	0.07774	3.5	3.5	3.5	1.09	3.5	96.77
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-3	20	3.395	0.4696	0.105	3.5	3.5	3.5	1.4	3.5	95
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-4	21	3.386	0.5237	0.1143	3.5	3.5	3.5	1.1	3.5	95.24
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-OF	10	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
Acetone (ug/L)	ST-1	5	10	0	0	10	10	10	10	10	100
Acetone (ug/L)	WT-1	28	3.604	0.5021	0.09488	3.8	3.8	3.8	2.12	3.8	82.14
Acetone (ug/L)	WT-2	30	4.087	1.248	0.2278	3.8	3.8	3.8	3.6	10.3	90
Acetone (ug/L)	WT-3	21	3.937	1.319	0.2878	3.8	3.8	3.8	2.02	9.3	71.43

Box & Whiskers Plot

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Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Acetone (ug/L)	WT-4	21	3.765	0.4761	0.1039	3.8	3.8	3.8	1.97	4.9	90.48
Acetone (ug/L)	WT-OF	11	4.691	2.955	0.8909	3.8	3.8	3.8	3.8	13.6	90.91
Acrylonitrile (ug/L)	ST-1	5	10	0	0	10	10	10	10	10	100
Acrylonitrile (ug/L)	WT-1	30	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	WT-2	32	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	WT-3	21	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	WT-4	21	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	WT-OF	10	2.2	0	0	2.2	2.2	2.2	2.2	2.2	100
Benzene (ug/L)	ST-1	5	0.5	0	0	0.5	0.5	0.5	0.5	0.5	100
Benzene (ug/L)	WT-1	30	0.2344	0.07664	0.01399	0.22	0.22	0.22	0.22	0.64	93.33
Benzene (ug/L)	WT-2	30	0.2953	0.2251	0.04109	0.22	0.22	0.22	0.138	1.18	76.67
Benzene (ug/L)	WT-3	20	0.2674	0.1296	0.02898	0.22	0.22	0.22	0.191	0.701	70
Benzene (ug/L)	WT-4	21	0.2163	0.0168	0.003667	0.22	0.22	0.22	0.143	0.22	95.24
Benzene (ug/L)	WT-OF	10	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Bromochloromethane (ug/L)	ST-1	5	5	0	0	5	5	5	5	5	100
Bromochloromethane (ug/L)	WT-1	30	1.7	0	0	1.7	1.7	1.7	1.7	1.7	100
Bromochloromethane (ug/L)	WT-2	32	1.7	0	0	1.7	1.7	1.7	1.7	1.7	100
Bromochloromethane (ug/L)	WT-3	21	1.7	0	0	1.7	1.7	1.7	1.7	1.7	100
Bromochloromethane (ug/L)	WT-4	21	1.7	0	0	1.7	1.7	1.7	1.7	1.7	100
Bromochloromethane (ug/L)	WT-OF	10	1.7	0	0	1.7	1.7	1.7	1.7	1.7	100
Bromodichloromethane (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Bromodichloromethane (ug/L)	WT-1	30	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	WT-2	32	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	WT-3	20	0.4665	0.3421	0.0765	0.39	0.39	0.39	0.39	1.92	95
Bromodichloromethane (ug/L)	WT-4	20	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	WT-OF	10	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
Bromoform (ug/L)	ST-1	4	5	0	0	5	5	5	5	5	100
Bromoform (ug/L)	WT-1	29	2.6	0	0	2.6	2.6	2.6	2.6	2.6	100
Bromoform (ug/L)	WT-2	30	2.6	0	0	2.6	2.6	2.6	2.6	2.6	100
Bromoform (ug/L)	WT-3	21	2.6	0	0	2.6	2.6	2.6	2.6	2.6	100
Bromoform (ug/L)	WT-4	21	2.6	0	0	2.6	2.6	2.6	2.6	2.6	100
Bromoform (ug/L)	WT-OF	10	2.6	0	0	2.6	2.6	2.6	2.6	2.6	100
Bromomethane (ug/L)	ST-1	5	4	0	0	4	4	4	4	4	100
Bromomethane (ug/L)	WT-1	29	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Bromomethane (ug/L)	WT-2	31	1.075	0.1381	0.02481	1.1	1.1	1.1	0.331	1.1	96.77
Bromomethane (ug/L)	WT-3	21	1.062	0.1728	0.03771	1.1	1.1	1.1	0.308	1.1	95.24
Bromomethane (ug/L)	WT-4	21	1.061	0.1768	0.03857	1.1	1.1	1.1	0.29	1.1	95.24
Bromomethane (ug/L)	WT-OF	10	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Carbon Disulfide (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Carbon Disulfide (ug/L)	WT-1	30	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	WT-2	32	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	WT-3	20	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	WT-4	21	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	WT-OF	10	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Tetrachloride (ug/L)	ST-1	5	2	0	0	2	2	2	2	2	100
Carbon Tetrachloride (ug/L)	WT-1	30	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	WT-2	32	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	WT-3	20	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	WT-4	21	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	WT-OF	10	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 12:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Chlorobenzene (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Chlorobenzene (ug/L)	WT-1	30	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	WT-2	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	WT-3	21	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	WT-4	21	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	WT-OF	10	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorodibromomethane (ug/L)	ST-1	5	5	0	0	5	5	5	5	5	100
Chlorodibromomethane (ug/L)	WT-1	30	1.5	0	0	1.5	1.5	1.5	1.5	1.5	100
Chlorodibromomethane (ug/L)	WT-2	32	1.5	0	0	1.5	1.5	1.5	1.5	1.5	100
Chlorodibromomethane (ug/L)	WT-3	20	1.477	0.1029	0.023	1.5	1.5	1.5	1.04	1.5	95
Chlorodibromomethane (ug/L)	WT-4	21	1.5	0	0	1.5	1.5	1.5	1.5	1.5	100
Chlorodibromomethane (ug/L)	WT-OF	10	1.5	0	0	1.5	1.5	1.5	1.5	1.5	100
Chloroethane (ug/L)	ST-1	5	4	0	0	4	4	4	4	4	100
Chloroethane (ug/L)	WT-1	30	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	WT-2	32	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	WT-3	21	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	WT-4	21	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	WT-OF	10	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroform (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Chloroform (ug/L)	WT-1	30	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Chloroform (ug/L)	WT-2	32	1.347	0.2634	0.04656	1.3	1.3	1.3	1.3	2.79	96.88
Chloroform (ug/L)	WT-3	20	1.529	1.026	0.2295	1.3	1.3	1.3	1.3	5.89	95
Chloroform (ug/L)	WT-4	20	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Chloroform (ug/L)	WT-OF	10	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Chloromethane (ug/L)	ST-1	5	3	0	0	3	3	3	3	3	100
Chloromethane (ug/L)	WT-1	30	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	WT-2	32	0.6121	0.01184	0.002094	0.61	0.61	0.61	0.61	0.677	96.88
Chloromethane (ug/L)	WT-3	21	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	WT-4	21	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	WT-OF	10	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
cis-1,2-Dichloroethene (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
cis-1,2-Dichloroethene (ug/L)	WT-1	30	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	WT-2	32	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	WT-3	21	0.5153	0.1105	0.02411	0.55	0.55	0.55	0.142	0.55	90.48
cis-1,2-Dichloroethene (ug/L)	WT-4	21	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	WT-OF	10	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,3-Dichloropropene (ug/L)	ST-1	5	5	0	0	5	5	5	5	5	100
cis-1,3-Dichloropropene (ug/L)	WT-1	30	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
cis-1,3-Dichloropropene (ug/L)	WT-2	32	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
cis-1,3-Dichloropropene (ug/L)	WT-3	21	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
cis-1,3-Dichloropropene (ug/L)	WT-4	21	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
cis-1,3-Dichloropropene (ug/L)	WT-OF	10	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
Dibromomethane (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Dibromomethane (ug/L)	WT-1	30	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Dibromomethane (ug/L)	WT-2	32	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Dibromomethane (ug/L)	WT-3	21	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Dibromomethane (ug/L)	WT-4	21	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Dibromomethane (ug/L)	WT-OF	10	0.33	0	0	0.33	0.33	0.33	0.33	0.33	100
Ethylbenzene (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Ethylbenzene (ug/L)	WT-1	30	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 12:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Ethylbenzene (ug/L)	WT-2	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	WT-3	20	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	WT-4	21	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	WT-OF	10	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Iodomethane (ug/L)	ST-1	5	10	0	0	10	10	10	10	10	100
Iodomethane (ug/L)	WT-1	30	2.6	0	0	2.6	2.6	2.6	2.6	2.6	100
Iodomethane (ug/L)	WT-2	32	2.6	0	0	2.6	2.6	2.6	2.6	2.6	100
Iodomethane (ug/L)	WT-3	21	2.6	0	0	2.6	2.6	2.6	2.6	2.6	100
Iodomethane (ug/L)	WT-4	21	2.6	0	0	2.6	2.6	2.6	2.6	2.6	100
Iodomethane (ug/L)	WT-OF	10	2.6	0	0	2.6	2.6	2.6	2.6	2.6	100
Methylene Chloride (ug/L)	ST-1	5	5	0	0	5	5	5	5	5	100
Methylene Chloride (ug/L)	WT-1	30	1.565	0.4143	0.07565	1.7	1.7	1.7	0.247	1.7	90
Methylene Chloride (ug/L)	WT-2	32	1.7	0	0	1.7	1.7	1.7	1.7	1.7	100
Methylene Chloride (ug/L)	WT-3	21	1.631	0.3184	0.06948	1.7	1.7	1.7	0.241	1.7	95.24
Methylene Chloride (ug/L)	WT-4	21	1.632	0.3127	0.06824	1.7	1.7	1.7	0.267	1.7	95.24
Methylene Chloride (ug/L)	WT-OF	10	1.7	0	0	1.7	1.7	1.7	1.7	1.7	100
Styrene (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Styrene (ug/L)	WT-1	30	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	WT-2	32	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	WT-3	20	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	WT-4	21	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Styrene (ug/L)	WT-OF	10	0.37	0	0	0.37	0.37	0.37	0.37	0.37	100
Tetrachloroethene (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Tetrachloroethene (ug/L)	WT-1	30	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	WT-2	32	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	WT-3	21	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	WT-4	21	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	WT-OF	10	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Toluene (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Toluene (ug/L)	WT-1	30	1.261	2.641	0.4821	0.43	0.43	0.43	0.43	12.7	86.67
Toluene (ug/L)	WT-2	32	0.4869	0.2262	0.03999	0.43	0.43	0.43	0.43	1.47	93.75
Toluene (ug/L)	WT-3	20	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	WT-4	21	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	WT-OF	10	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
trans-1,2-Dichloroethene (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
trans-1,2-Dichloroethene (ug/L)	WT-1	30	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	WT-2	32	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	WT-3	21	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	WT-4	21	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	WT-OF	10	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,3-Dichloropropene (ug/L)	ST-1	5	5	0	0	5	5	5	5	5	100
trans-1,3-Dichloropropene (ug/L)	WT-1	30	2.237	0.3469	0.06333	2.3	2.3	2.3	0.4	2.3	96.67
trans-1,3-Dichloropropene (ug/L)	WT-2	31	2.3	0	0	2.3	2.3	2.3	2.3	2.3	100
trans-1,3-Dichloropropene (ug/L)	WT-3	21	2.3	0	0	2.3	2.3	2.3	2.3	2.3	100
trans-1,3-Dichloropropene (ug/L)	WT-4	21	2.3	0	0	2.3	2.3	2.3	2.3	2.3	100
trans-1,3-Dichloropropene (ug/L)	WT-OF	10	2.3	0	0	2.3	2.3	2.3	2.3	2.3	100
trans-1,4-Dichloro-2-Butene (ug/L)	ST-1	5	10	0	0	10	10	10	10	10	100
trans-1,4-Dichloro-2-Butene (ug/L)	WT-1	30	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
trans-1,4-Dichloro-2-Butene (ug/L)	WT-2	32	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
trans-1,4-Dichloro-2-Butene (ug/L)	WT-3	21	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 12:29 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
trans-1,4-Dichloro-2-Butene (ug/L)	WT-4	21	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
trans-1,4-Dichloro-2-Butene (ug/L)	WT-OF	10	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Trichloroethene (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Trichloroethene (ug/L)	WT-1	30	0.3531	0.01698	0.0031	0.35	0.35	0.35	0.35	0.443	96.67
Trichloroethene (ug/L)	WT-2	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	WT-3	21	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	WT-4	21	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	WT-OF	10	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichlorofluoromethane (ug/L)	ST-1	5	4	0	0	4	4	4	4	4	100
Trichlorofluoromethane (ug/L)	WT-1	30	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	WT-2	32	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	WT-3	21	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	WT-4	21	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	WT-OF	10	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Vinyl Acetate (ug/L)	ST-1	5	2	0	0	2	2	2	2	2	100
Vinyl Acetate (ug/L)	WT-1	29	7.1	0	0	7.1	7.1	7.1	7.1	7.1	100
Vinyl Acetate (ug/L)	WT-2	31	7.1	0	0	7.1	7.1	7.1	7.1	7.1	100
Vinyl Acetate (ug/L)	WT-3	20	7.1	0	0	7.1	7.1	7.1	7.1	7.1	100
Vinyl Acetate (ug/L)	WT-4	20	7.1	0	0	7.1	7.1	7.1	7.1	7.1	100
Vinyl Acetate (ug/L)	WT-OF	10	7.1	0	0	7.1	7.1	7.1	7.1	7.1	100
Vinyl Chloride (ug/L)	ST-1	5	1	0	0	1	1	1	1	1	100
Vinyl Chloride (ug/L)	WT-1	30	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	WT-2	32	0.4238	0.03483	0.006156	0.43	0.43	0.43	0.233	0.43	96.88
Vinyl Chloride (ug/L)	WT-3	21	0.4183	0.05346	0.01167	0.43	0.43	0.43	0.185	0.43	95.24
Vinyl Chloride (ug/L)	WT-4	21	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	WT-OF	10	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Xylenes, Total (ug/L)	ST-1	5	3	0	0	3	3	3	3	3	100
Xylenes, Total (ug/L)	WT-1	30	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	WT-2	32	1.24	0.7902	0.1397	1.1	1.1	1.1	1.1	5.57	96.88
Xylenes, Total (ug/L)	WT-3	20	1.073	0.1219	0.02725	1.1	1.1	1.1	0.555	1.1	95
Xylenes, Total (ug/L)	WT-4	21	1.071	0.1344	0.02933	1.1	1.1	1.1	0.484	1.1	95.24
Xylenes, Total (ug/L)	WT-OF	10	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100

Groundwater Underdrain – Trends

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Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 1:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (mg/L)	ST-1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Antimony (mg/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	ST-1	0	3	13	No	6	66.67	n/a	n/a	0.02	NP
Arsenic (mg/L)	WT-1	0.00004964	3	20	No	8	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	WT-2	-0.001634	-8	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	WT-3	-0.002176	-2	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	WT-4	-0.0001547	-13	-20	No	8	37.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	WT-OF	-0.000464	-17	-20	No	8	25	n/a	n/a	0.02	NP
Barium (mg/L)	ST-1	-0.007476	-1	-13	No	6	0	n/a	n/a	0.02	NP
Barium (mg/L)	WT-1	0.04544	14	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	WT-2	0.01859	8	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	WT-3	0.0545	8	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	WT-4	0.0146	6	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	WT-OF	0.003333	2	20	No	8	0	n/a	n/a	0.02	NP
Beryllium (mg/L)	ST-1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	WT-1	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	WT-2	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	ST-1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	WT-1	0	1	20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	WT-2	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	WT-4	0	-3	-20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	WT-OF	0	-2	-20	No	8	62.5	n/a	n/a	0.02	NP
Chromium (mg/L)	ST-1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Chromium (mg/L)	WT-1	0	4	20	No	8	62.5	n/a	n/a	0.02	NP
Chromium (mg/L)	WT-2	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	WT-3	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	WT-4	0	-3	-20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	WT-OF	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	ST-1	-0.005425	-10	-13	No	6	50	n/a	n/a	0.02	NP
Cobalt (mg/L)	WT-1	0.0002144	2	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	WT-2	0.0003685	14	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	WT-3	-0.0002639	-8	-20	No	8	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	WT-4	-0.0001281	-5	-20	No	8	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	WT-OF	-0.0001503	-8	-20	No	8	0	n/a	n/a	0.02	NP
Copper (mg/L)	ST-1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Copper (mg/L)	WT-1	0	0	20	No	8	50	n/a	n/a	0.02	NP
Copper (mg/L)	WT-2	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	WT-3	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	WT-4	0	-6	-20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	WT-OF	0	-5	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	ST-1	0	-1	-13	No	6	83.33	n/a	n/a	0.02	NP
Lead (mg/L)	WT-1	0	4	20	No	8	50	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 6/30/2026, 1:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lead (mg/L)	WT-2	0	5	20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	WT-3	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	WT-4	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	WT-OF	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	ST-1	0	4	10	No	5	80	n/a	n/a	0.02	NP
Nickel (mg/L)	WT-1	0.0004585	7	20	No	8	37.5	n/a	n/a	0.02	NP
Nickel (mg/L)	WT-2	-0.0001783	-4	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	WT-3	-0.0003503	-4	-20	No	8	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	WT-4	0.002941	10	20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	WT-OF	-0.001185	-2	-20	No	8	0	n/a	n/a	0.02	NP
Selenium (mg/L)	ST-1	0	-1	-13	No	6	83.33	n/a	n/a	0.02	NP
Selenium (mg/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	WT-2	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	WT-3	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	WT-4	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	WT-OF	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Silver (mg/L)	ST-1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Silver (mg/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	ST-1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Thallium (mg/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	WT-2	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	ST-1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Vanadium (mg/L)	WT-1	0	0	20	No	8	50	n/a	n/a	0.02	NP
Vanadium (mg/L)	WT-2	0	5	20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	WT-3	0	-5	-20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	WT-4	0	-8	-20	No	8	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	WT-OF	0	-5	-20	No	8	75	n/a	n/a	0.02	NP
Zinc (mg/L)	ST-1	0	-5	-13	No	6	66.67	n/a	n/a	0.02	NP
Zinc (mg/L)	WT-1	0	4	20	No	8	62.5	n/a	n/a	0.02	NP
Zinc (mg/L)	WT-2	0	-4	-20	No	8	62.5	n/a	n/a	0.02	NP
Zinc (mg/L)	WT-3	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	WT-4	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Zinc (mg/L)	WT-OF	0	1	20	No	8	87.5	n/a	n/a	0.02	NP

Trend Test

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Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1,1,2-Tetrachloroethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1,2-Tetrachloroethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	WT-2	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-Chloropropane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-Chloropropane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-Chloropropane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-Chloropropane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-Chloropropane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

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Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dichloroethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	WT-OF	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-1	0	5	20	No	8	75	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	WT-3	0	2	20	No	8	62.5	n/a	n/a	0.02	NP
Acetone (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	WT-OF	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	WT-1	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	WT-2	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	WT-3	-0.01912	-10	-20	No	8	62.5	n/a	n/a	0.02	NP
Benzene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP

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Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Bromodichloromethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	WT-3	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromomethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromomethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromomethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromomethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Bromomethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorodibromomethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorodibromomethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorodibromomethane (ug/L)	WT-3	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Chlorodibromomethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorodibromomethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	WT-2	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Chloroform (ug/L)	WT-3	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Chloroform (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:22 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
cis-1,2-Dichloroethene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Methylene Chloride (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Methylene Chloride (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Methylene Chloride (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Methylene Chloride (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Methylene Chloride (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Styrene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Styrene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Styrene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Styrene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Styrene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:22 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
trans-1,3-Dichloropropene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-Butene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-Butene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-Butene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-Butene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-Butene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	WT-1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	WT-2	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	WT-3	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	WT-4	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	WT-OF	0	0	20	No	8	100	n/a	n/a	0.02	NP

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Groundwater Underdrain –

Prediction Limits

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Prediction Limit

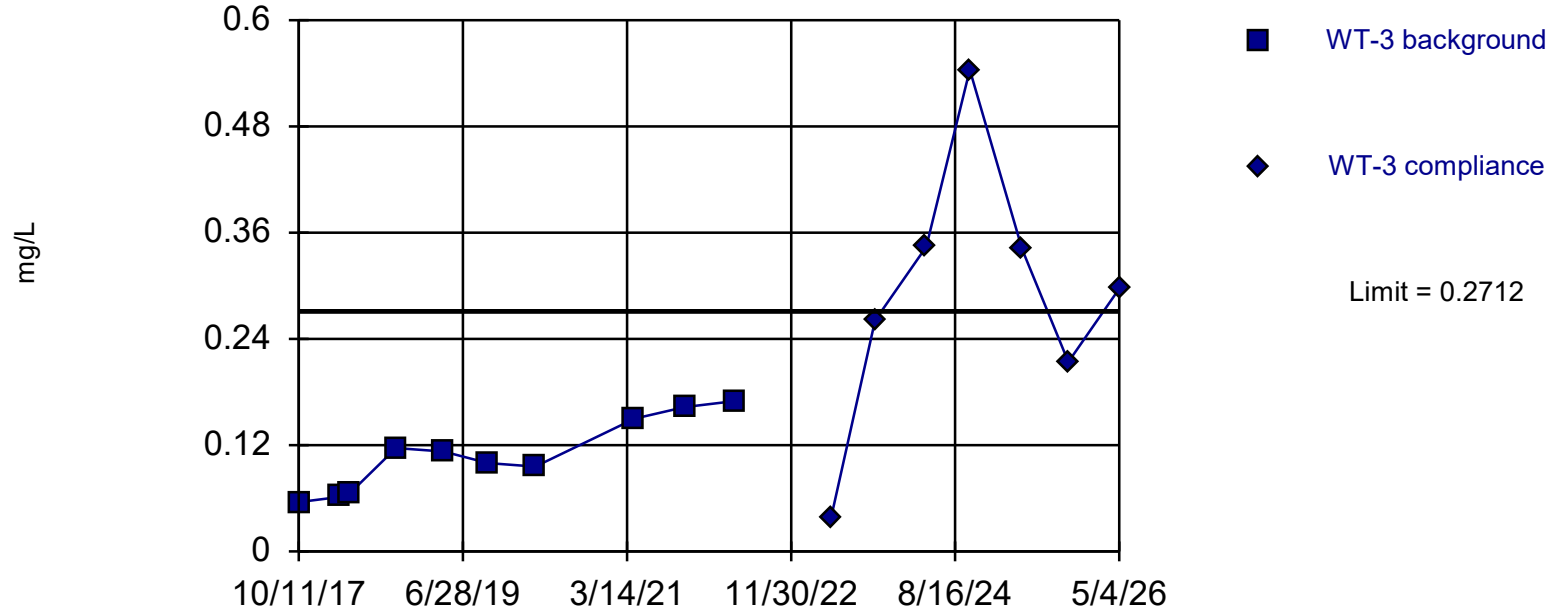
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 12:13 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	WT-1	0.000933	n/a	5/4/2026	0.000933ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Antimony (mg/L)	WT-2	0.000933	n/a	5/4/2026	0.000933ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	WT-1	0.01909	n/a	5/4/2026	0.000643J	No	10	n/a	0.03281	0.02701	30	Aitchison`s	sqrt(x)	0.00008959	Param Intra 1 of 2
Arsenic (mg/L)	WT-2	0.1016	n/a	5/4/2026	0.00102	No	10	n/a	0.2108	0.06557	10	None	x^(1/3)	0.00008959	Param Intra 1 of 2
Barium (mg/L)	WT-1	0.4891	n/a	5/4/2026	0.231	No	9	n/a	0.1962	0.06904	0	None	No	0.00008959	Param Intra 1 of 2
Barium (mg/L)	WT-2	0.3807	n/a	5/4/2026	0.131	No	10	n/a	0.1581	0.05708	0	None	No	0.00008959	Param Intra 1 of 2
Beryllium (mg/L)	WT-1	0.000236	n/a	5/4/2026	0.000236ND	No	10	n/a	n/a	n/a	100	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	WT-2	0.000538	n/a	5/4/2026	0.000236ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	WT-1	0.000167	n/a	5/4/2026	0.000167ND	No	10	n/a	n/a	n/a	100	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	WT-2	0.000167	n/a	5/4/2026	0.000167ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Chromium (mg/L)	WT-1	0.0012	n/a	5/4/2026	0.00114ND	No	9	n/a	n/a	n/a	88.89	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Chromium (mg/L)	WT-2	0.00114	n/a	5/4/2026	0.00114ND	No	9	n/a	n/a	n/a	100	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	WT-1	0.01128	n/a	5/4/2026	0.00223	No	9	n/a	0.003227	0.001899	0	None	No	0.00008959	Param Intra 1 of 2
Cobalt (mg/L)	WT-2	0.01195	n/a	5/4/2026	0.00336	No	10	n/a	0.003681	0.002119	0	None	No	0.00008959	Param Intra 1 of 2
Copper (mg/L)	WT-1	0.0032	n/a	5/4/2026	0.00111J	No	9	n/a	n/a	n/a	88.89	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Copper (mg/L)	WT-2	0.000497	n/a	5/4/2026	0.000497ND	No	9	n/a	n/a	n/a	100	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Lead (mg/L)	WT-1	0.001617	n/a	5/4/2026	0.000186ND	No	9	n/a	0.0003133	0.0003073	44.44	Aitchison`s	No	0.00008959	Param Intra 1 of 2
Lead (mg/L)	WT-2	0.000575	n/a	5/4/2026	0.000186ND	No	9	n/a	n/a	n/a	77.78	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Nickel (mg/L)	WT-1	0.03695	n/a	5/4/2026	0.00396	No	10	n/a	0.007936	0.00744	10	None	No	0.00008959	Param Intra 1 of 2
Nickel (mg/L)	WT-2	0.02661	n/a	5/4/2026	0.00383	No	10	n/a	0.008096	0.004747	0	None	No	0.00008959	Param Intra 1 of 2
Selenium (mg/L)	WT-1	0.00233	n/a	5/4/2026	0.000982ND	No	10	n/a	n/a	n/a	80	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Selenium (mg/L)	WT-2	0.00178	n/a	5/4/2026	0.000982ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Silver (mg/L)	WT-1	0.00059	n/a	5/4/2026	0.000115ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Silver (mg/L)	WT-2	0.000115	n/a	5/4/2026	0.000115ND	No	10	n/a	n/a	n/a	100	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Thallium (mg/L)	WT-1	0.000255	n/a	5/4/2026	0.000255ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Thallium (mg/L)	WT-2	0.000255	n/a	5/4/2026	0.000255ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	WT-1	0.00195	n/a	5/4/2026	0.000099J	No	9	n/a	n/a	n/a	66.67	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	WT-2	0.00129	n/a	5/4/2026	0.0000843ND	No	9	n/a	n/a	n/a	88.89	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Zinc (mg/L)	WT-1	0.0315	n/a	5/4/2026	0.00692ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Zinc (mg/L)	WT-2	0.0307	n/a	5/4/2026	0.00692ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1093, Std. Dev.=0.04151, n=10. Insufficient data to test for seasonality: data were not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.781. Kappa = 3.9 (c=14, w=42, 1 of 2, event alpha = 0.05132). Report alpha = 0.00008959.

Constituent: Barium Analysis Run 7/1/2026 12:18 AM View: 01_GU_Inorganics_PL_WT3

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 12:22 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	WT-3	0.000933	n/a	5/4/2026	0.000933ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	WT-3	0.03575	n/a	5/4/2026	0.00607	No	10	n/a	0.01299	0.005836	0	None	No	0.00008959	Param Intra 1 of 2
Barium (mg/L)	**WT-3**	**0.2712**	**n/a**	**5/4/2026**	**0.297**	**Yes**	**10**	**n/a**	**0.1093**	**0.04151**	**0**	**None**	**No**	**0.00008959**	**Param Intra 1 of 2**
Beryllium (mg/L)	WT-3	0.000236	n/a	5/4/2026	0.000236ND	No	10	n/a	n/a	n/a	100	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	WT-3	0.000167	n/a	5/4/2026	0.000167ND	No	10	n/a	n/a	n/a	100	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Chromium (mg/L)	WT-3	0.00114	n/a	5/4/2026	0.00114ND	No	9	n/a	n/a	n/a	100	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	WT-3	0.02079	n/a	5/4/2026	0.000201ND	No	10	n/a	0.04675	0.02499	0	None	sqrt(x)	0.00008959	Param Intra 1 of 2
Copper (mg/L)	WT-3	0.0052	n/a	5/4/2026	0.000497ND	No	10	n/a	n/a	n/a	80	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Lead (mg/L)	WT-3	0.000186	n/a	5/4/2026	0.000186ND	No	9	n/a	n/a	n/a	100	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Nickel (mg/L)	WT-3	0.02137	n/a	5/4/2026	0.00244	No	10	n/a	0.004666	0.004283	0	None	No	0.00008959	Param Intra 1 of 2
Selenium (mg/L)	WT-3	0.000982	n/a	5/4/2026	0.000982ND	No	10	n/a	n/a	n/a	100	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Silver (mg/L)	WT-3	0.000115	n/a	5/4/2026	0.000115ND	No	10	n/a	n/a	n/a	100	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Thallium (mg/L)	WT-3	0.000255	n/a	5/4/2026	0.000255ND	No	10	n/a	n/a	n/a	100	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	WT-3	0.0017	n/a	5/4/2026	0.000244J	No	9	n/a	n/a	n/a	100	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Zinc (mg/L)	WT-3	0.0174	n/a	5/4/2026	0.00692ND	No	10	n/a	n/a	n/a	90	n/a	n/a	0.01476	NP Intra (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 12:37 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	WT-4	0.000933	n/a	5/4/2026	0.000933ND	No	9	n/a	n/a	n/a	88.89	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	WT-4	0.00266	n/a	5/4/2026	0.000237J	No	9	n/a	n/a	n/a	55.56	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Barium (mg/L)	WT-4	0.1258	n/a	5/4/2026	0.0691	No	9	n/a	-3.488	0.3333	0	None	ln(x)	0.00008959	Param Intra 1 of 2
Beryllium (mg/L)	WT-4	0.000236	n/a	5/4/2026	0.000236ND	No	9	n/a	n/a	n/a	100	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	WT-4	0.00022	n/a	5/4/2026	0.000167ND	No	9	n/a	n/a	n/a	66.67	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Chromium (mg/L)	WT-4	0.00114	n/a	5/4/2026	0.00114ND	No	8	n/a	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	WT-4	0.00361	n/a	5/4/2026	0.0005J	No	9	n/a	0.0006842	0.0006895	11.11	None	No	0.00008959	Param Intra 1 of 2
Copper (mg/L)	WT-4	0.00498	n/a	5/4/2026	0.000623J	No	9	n/a	n/a	n/a	88.89	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Lead (mg/L)	WT-4	0.000645	n/a	5/4/2026	0.000186ND	No	8	n/a	n/a	n/a	62.5	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Nickel (mg/L)	WT-4	0.04288	n/a	5/4/2026	0.0122	No	9	n/a	0.01066	0.007595	11.11	None	No	0.00008959	Param Intra 1 of 2
Selenium (mg/L)	WT-4	0.00148	n/a	5/4/2026	0.000982ND	No	8	n/a	n/a	n/a	87.5	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Silver (mg/L)	WT-4	0.000115	n/a	5/4/2026	0.000115ND	No	9	n/a	n/a	n/a	100	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Thallium (mg/L)	WT-4	0.000255	n/a	5/4/2026	0.000255ND	No	9	n/a	n/a	n/a	100	n/a	n/a	0.01809	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	WT-4	0.0017	n/a	5/4/2026	0.000145J	No	8	n/a	n/a	n/a	87.5	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Zinc (mg/L)	WT-4	0.0131	n/a	5/4/2026	0.00692ND	No	8	n/a	n/a	n/a	75	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/22/2026, 3:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	WT-OF	0.000933	n/a	5/4/2026	0.000933ND	No	8	n/a	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	WT-OF	0.01379	n/a	5/4/2026	0.000428J	No	8	n/a	0.02692	0.01973	25	Aitchison`s	sqrt(x)	0.00008959	Param Intra 1 of 2
Barium (mg/L)	WT-OF	0.224	n/a	5/4/2026	0.101	No	8	n/a	0.1126	0.02429	0	None	No	0.00008959	Param Intra 1 of 2
Beryllium (mg/L)	WT-OF	0.000236	n/a	5/4/2026	0.000236ND	No	8	n/a	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	WT-OF	0.000269	n/a	5/4/2026	0.000167ND	No	8	n/a	n/a	n/a	62.5	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Chromium (mg/L)	WT-OF	0.00286	n/a	5/4/2026	0.00114ND	No	8	n/a	n/a	n/a	87.5	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	WT-OF	0.01134	n/a	5/4/2026	0.000541J	No	7	n/a	0.03191	0.01376	0	None	sqrt(x)	0.00008959	Param Intra 1 of 2
Copper (mg/L)	WT-OF	0.0098	n/a	5/4/2026	0.00065J	No	8	n/a	n/a	n/a	87.5	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Lead (mg/L)	WT-OF	0.00148	n/a	5/4/2026	0.000186ND	No	8	n/a	n/a	n/a	87.5	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Nickel (mg/L)	WT-OF	0.08488	n/a	5/4/2026	0.0102	No	8	n/a	0.01568	0.01509	0	None	No	0.00008959	Param Intra 1 of 2
Selenium (mg/L)	WT-OF	0.0017	n/a	5/4/2026	0.000982ND	No	7	n/a	n/a	n/a	85.71	n/a	n/a	0.02765	NP Intra (NDs) 1 of 2
Silver (mg/L)	WT-OF	0.000115	n/a	5/4/2026	0.000115ND	No	8	n/a	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Thallium (mg/L)	WT-OF	0.000255	n/a	5/4/2026	0.000255ND	No	8	n/a	n/a	n/a	100	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	WT-OF	0.00339	n/a	5/4/2026	0.000112J	No	8	n/a	n/a	n/a	87.5	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2
Zinc (mg/L)	WT-OF	0.0186	n/a	5/4/2026	0.00692ND	No	8	n/a	n/a	n/a	87.5	n/a	n/a	0.02144	NP Intra (NDs) 1 of 2

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Groundwater Underdrain –

DQR

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Data Screening

UG 'Double Quantification Rule' results for 48 constituents in 6 wells on 11 dates:

-none-

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Statistical Analysis:

Monitoring Wells

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Groundwater Monitoring Wells –

Outliers Analysis

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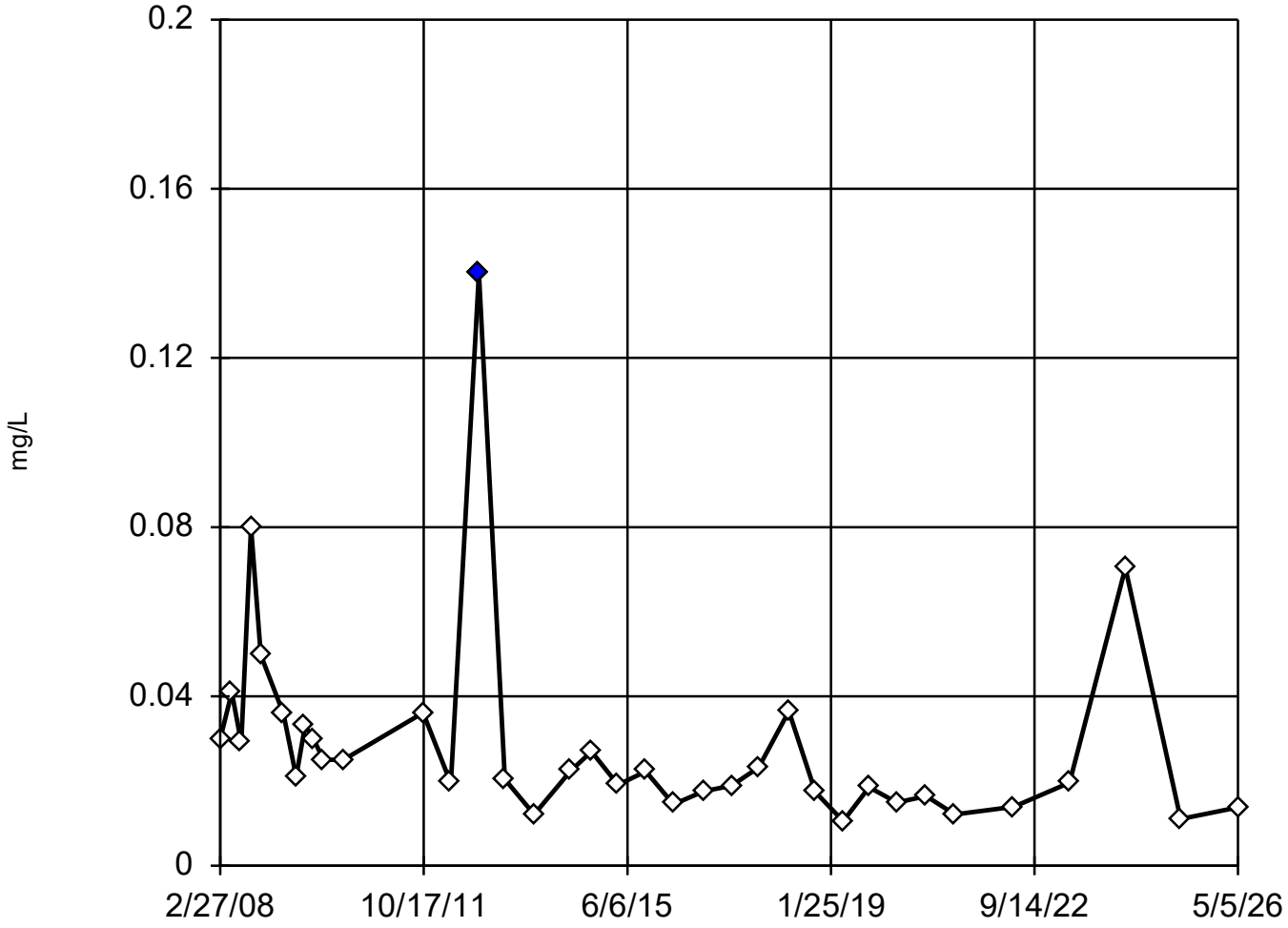
Rosner's Outlier Test

MW-8B



n = 36

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.

k = 1
r = 3.106
Tabulated value = 2.956
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9574
Critical = 0.944 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Arsenic Analysis Run 7/1/2026 1:21 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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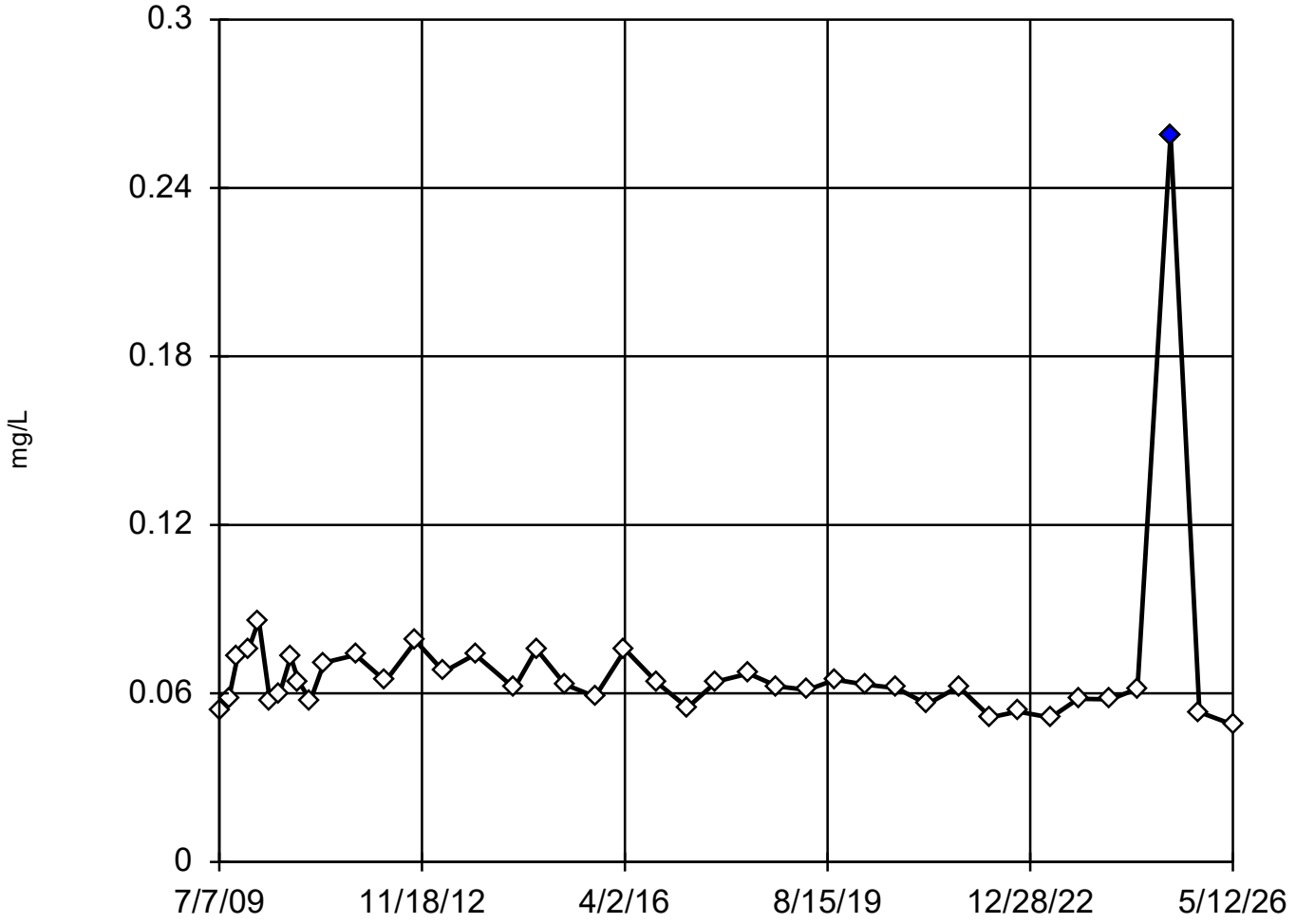
Rosner's Outlier Test

MW-207A



n = 41

Statistical outlier is drawn as solid.

k = 1
r = 6.023
Tabulated value = 2.99
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9588
Critical = 0.949
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Arsenic Analysis Run 7/1/2026 1:22 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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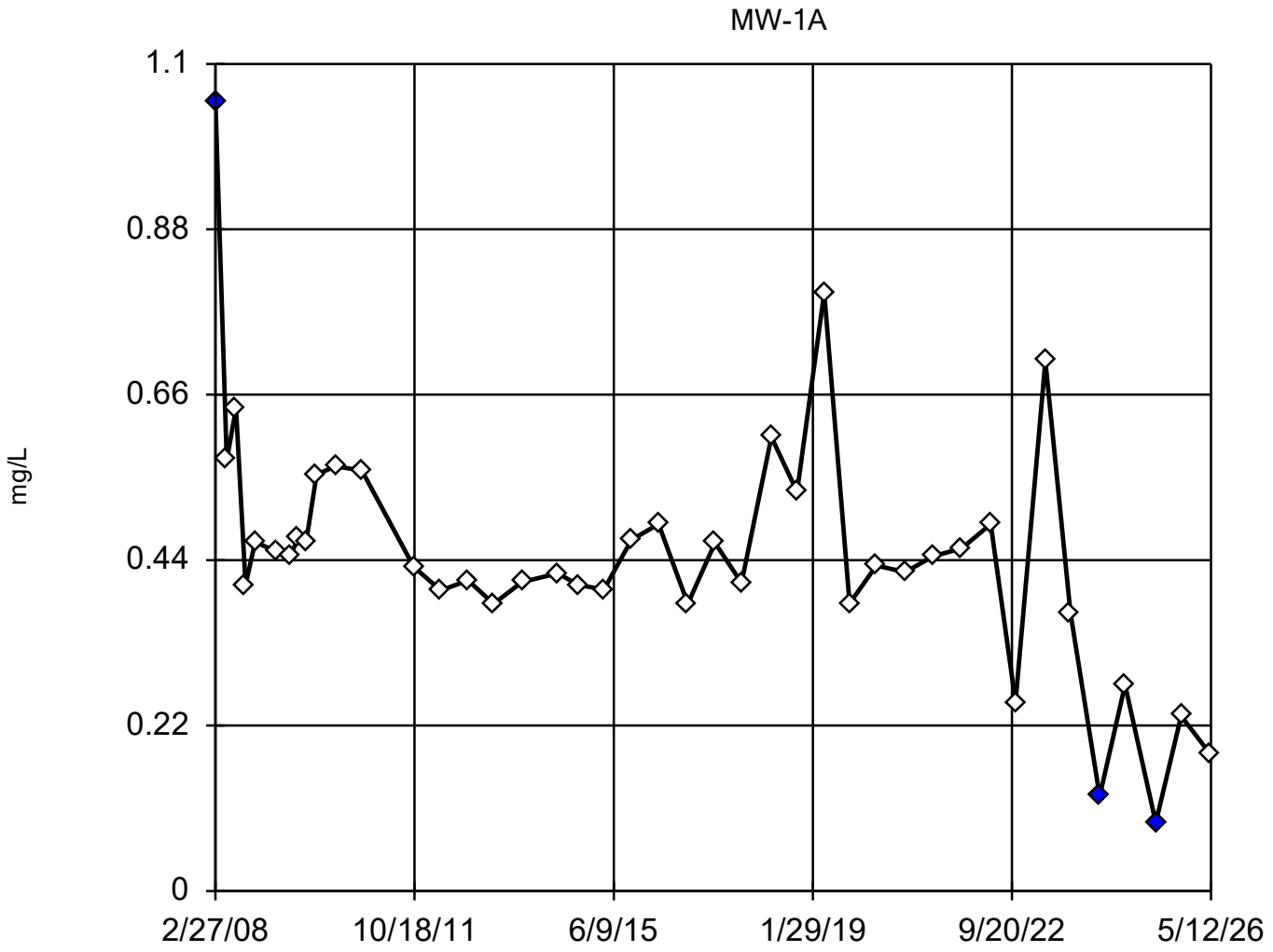
Tukey's Outlier Screening



n = 42

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.9568, low cutoff = 0.1303, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 7/1/2026 1:22 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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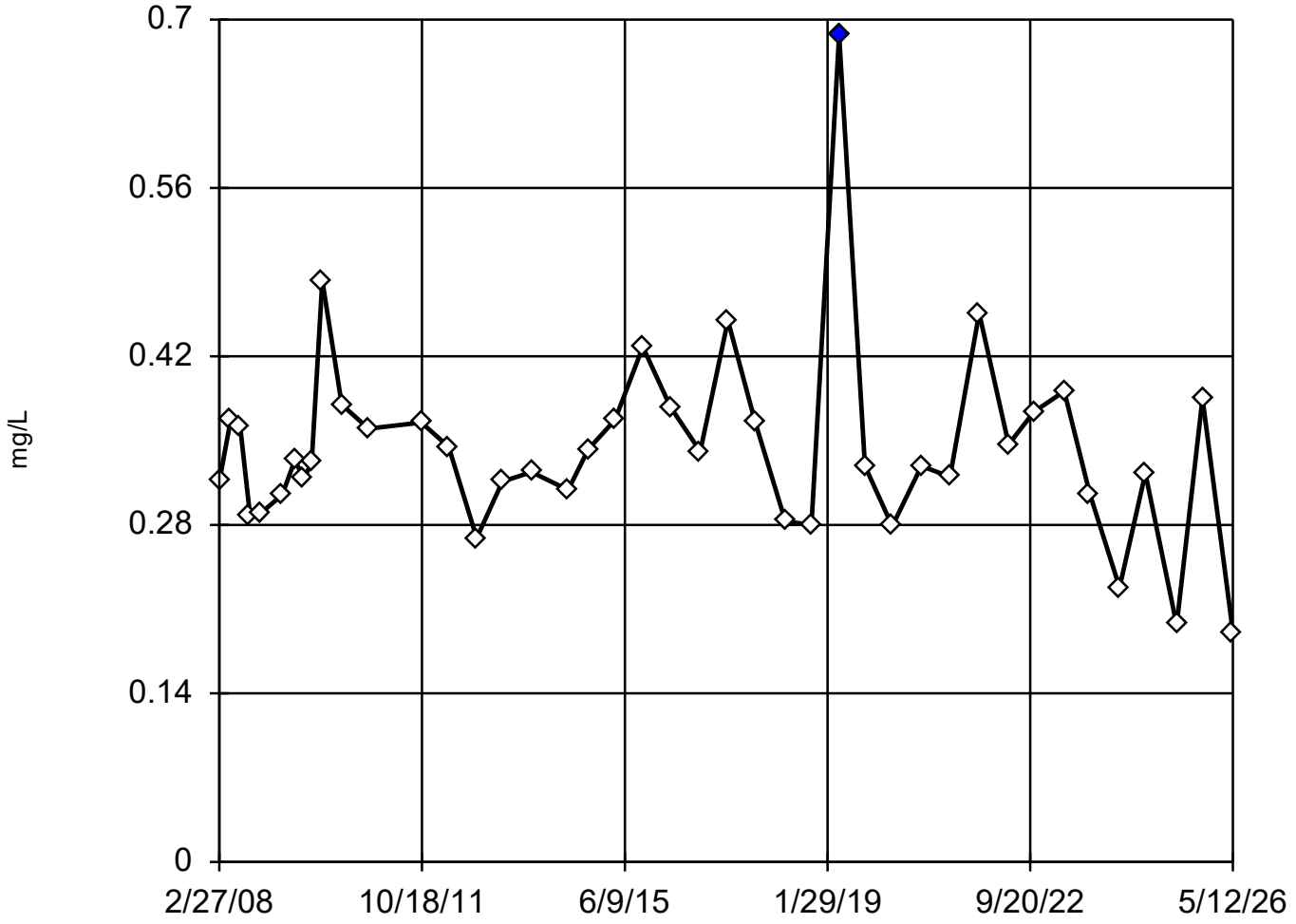
Rosner's Outlier Test

MW-2A-97



n = 42

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.

k = 1
r = 4.241
Tabulated value = 3
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9678
Critical = 0.95
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Barium Analysis Run 7/1/2026 1:23 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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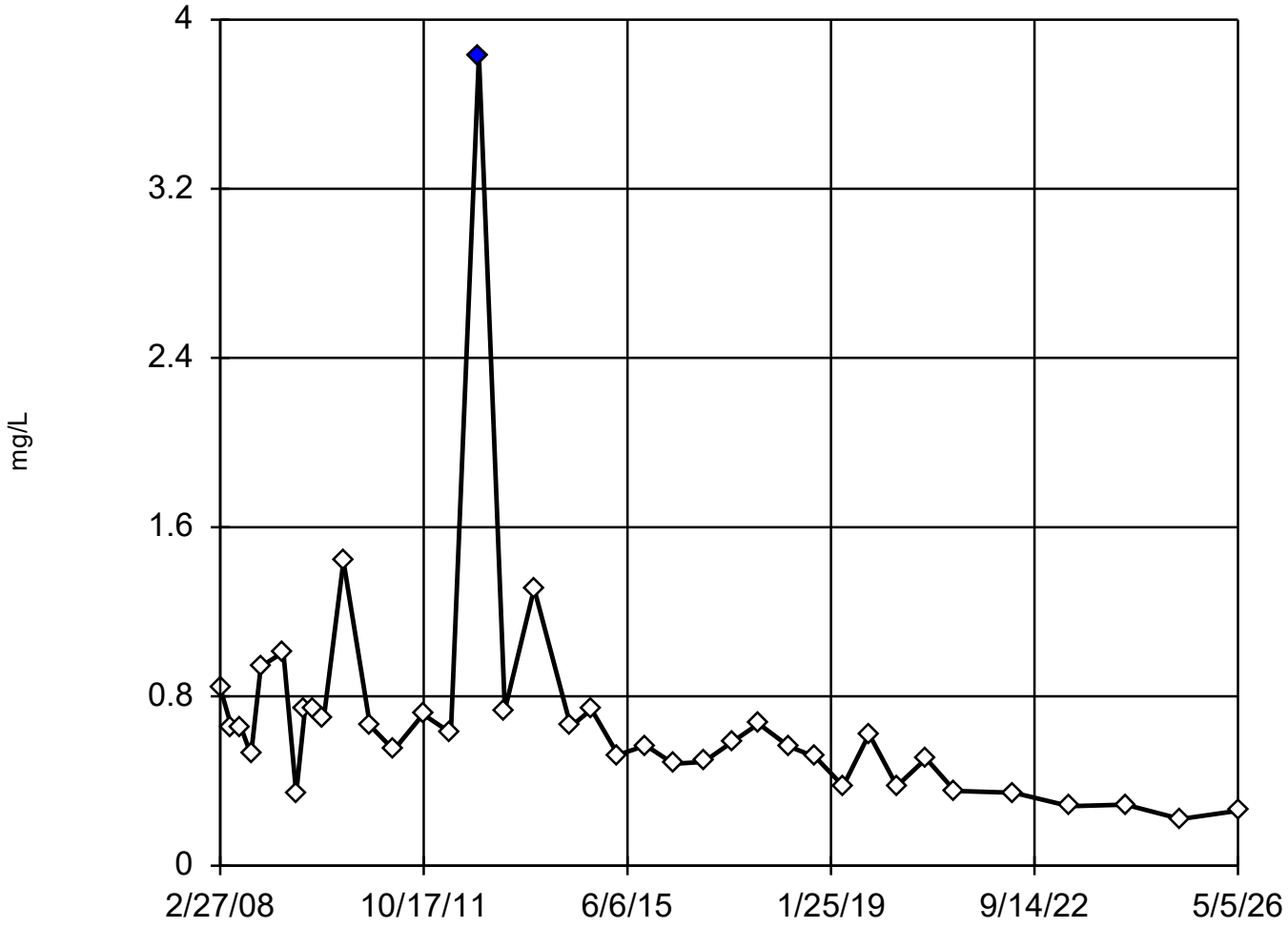
Rosner's Outlier Test

MW-8B



n = 38

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.

k = 1
r = 3.597
Tabulated value = 2.968
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9688
Critical = 0.946 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Barium Analysis Run 7/1/2026 1:23 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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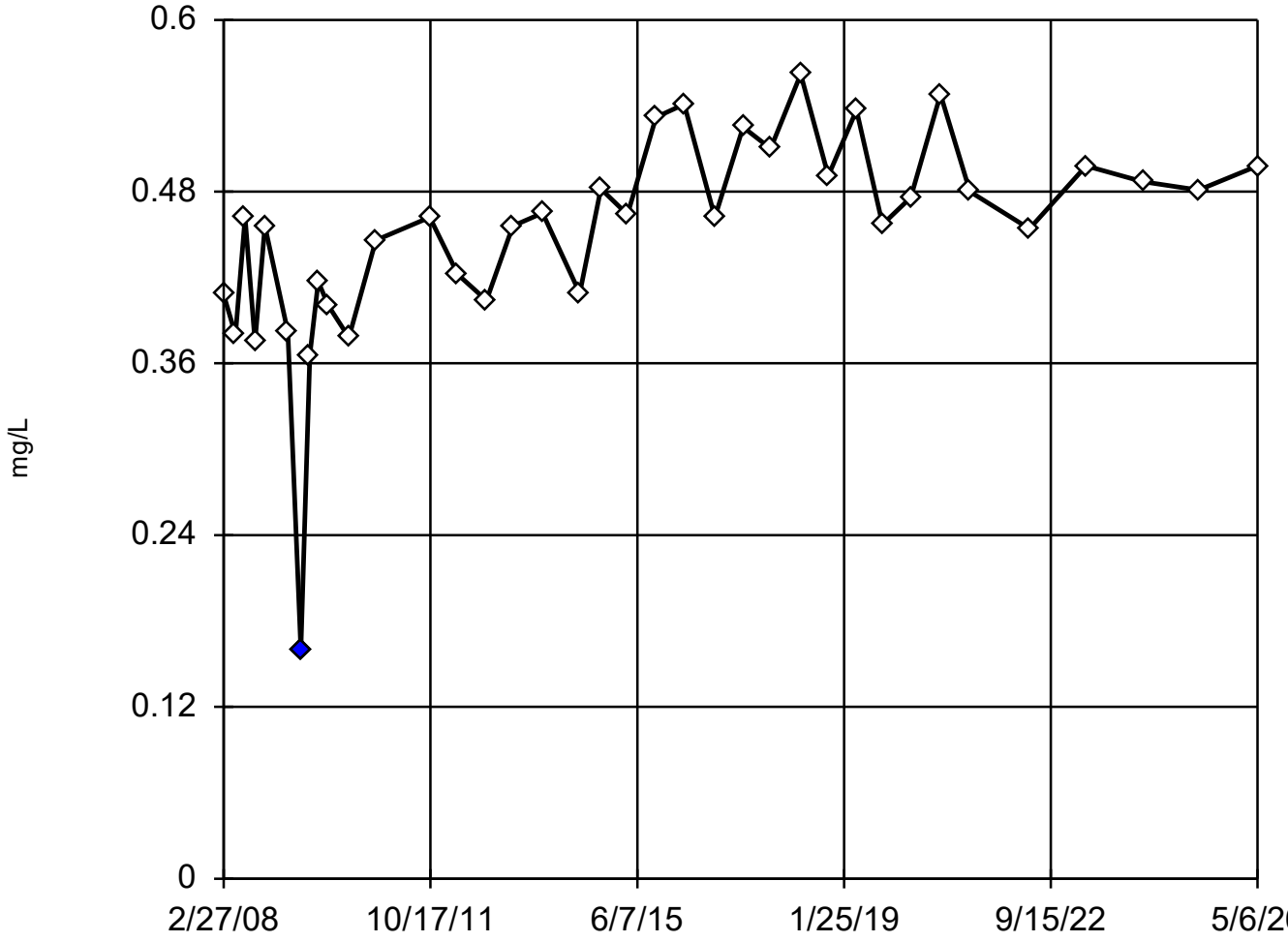
Rosner's Outlier Test

MW-17A-00



n = 37

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.

k = 1
r = 4.05
Tabulated value = 2.962
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9582
Critical = 0.945
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Barium Analysis Run 7/1/2026 1:23 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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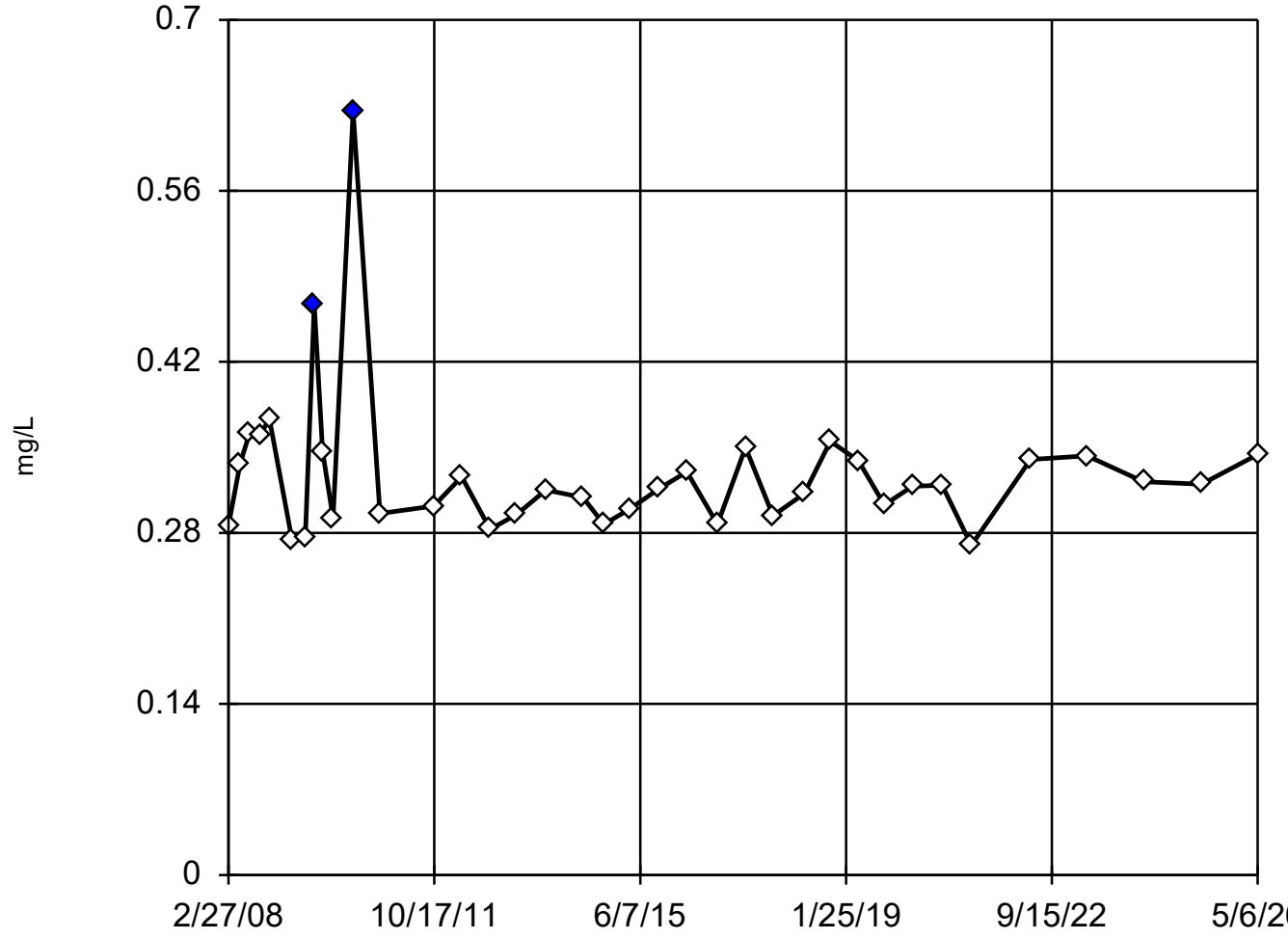
Rosner's Outlier Test

MW-23A



n = 37

Statistical outliers are drawn as solid.
2 values manually flagged as outliers.

k = 2
r = 3.942
Tabulated value = 3.469
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9656
Critical = 0.944
The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Barium Analysis Run 7/1/2026 1:23 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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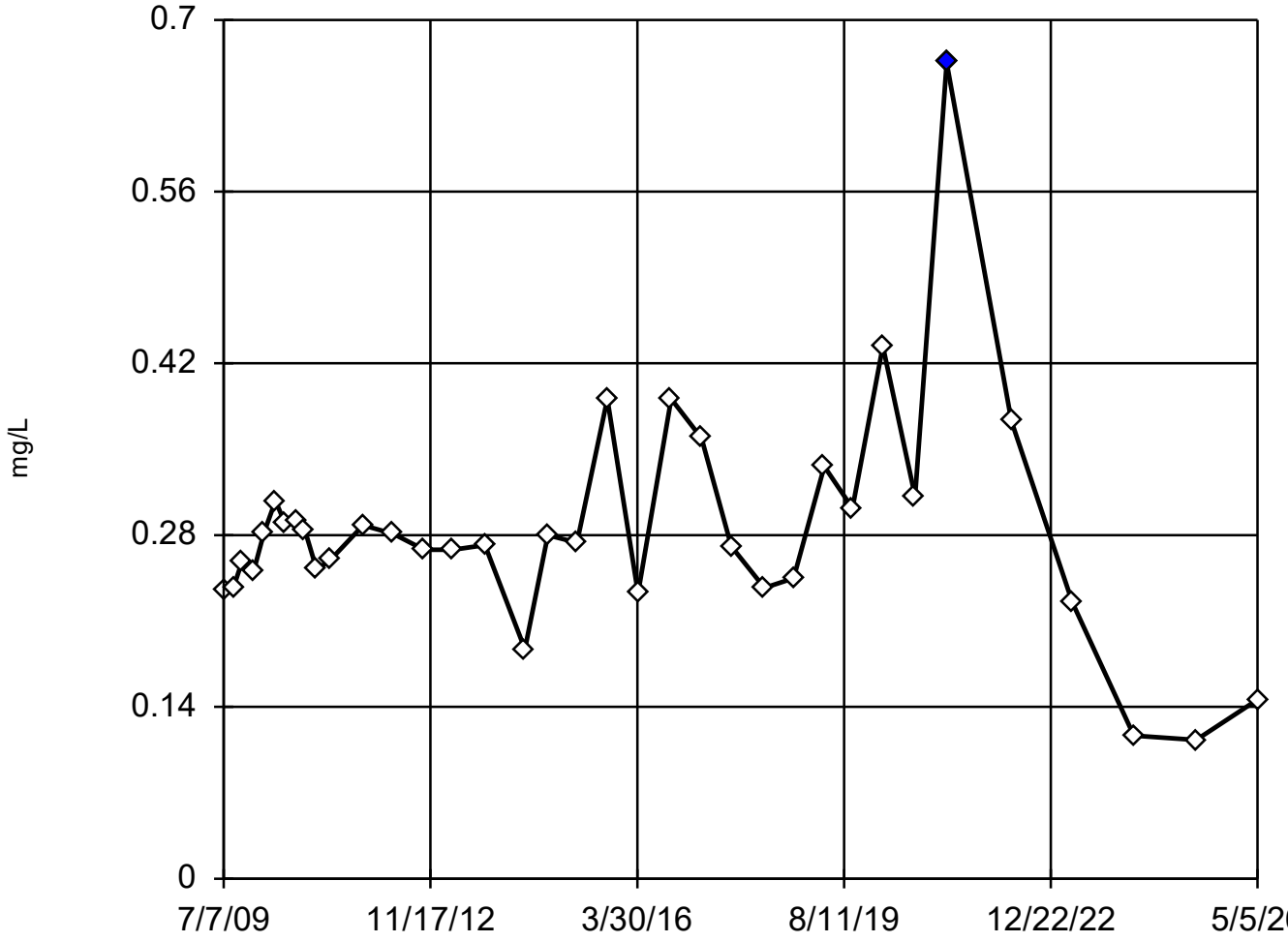
Tukey's Outlier Screening

MW-210B



n = 36

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.5628, low cutoff = 0.1037, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 7/1/2026 1:23 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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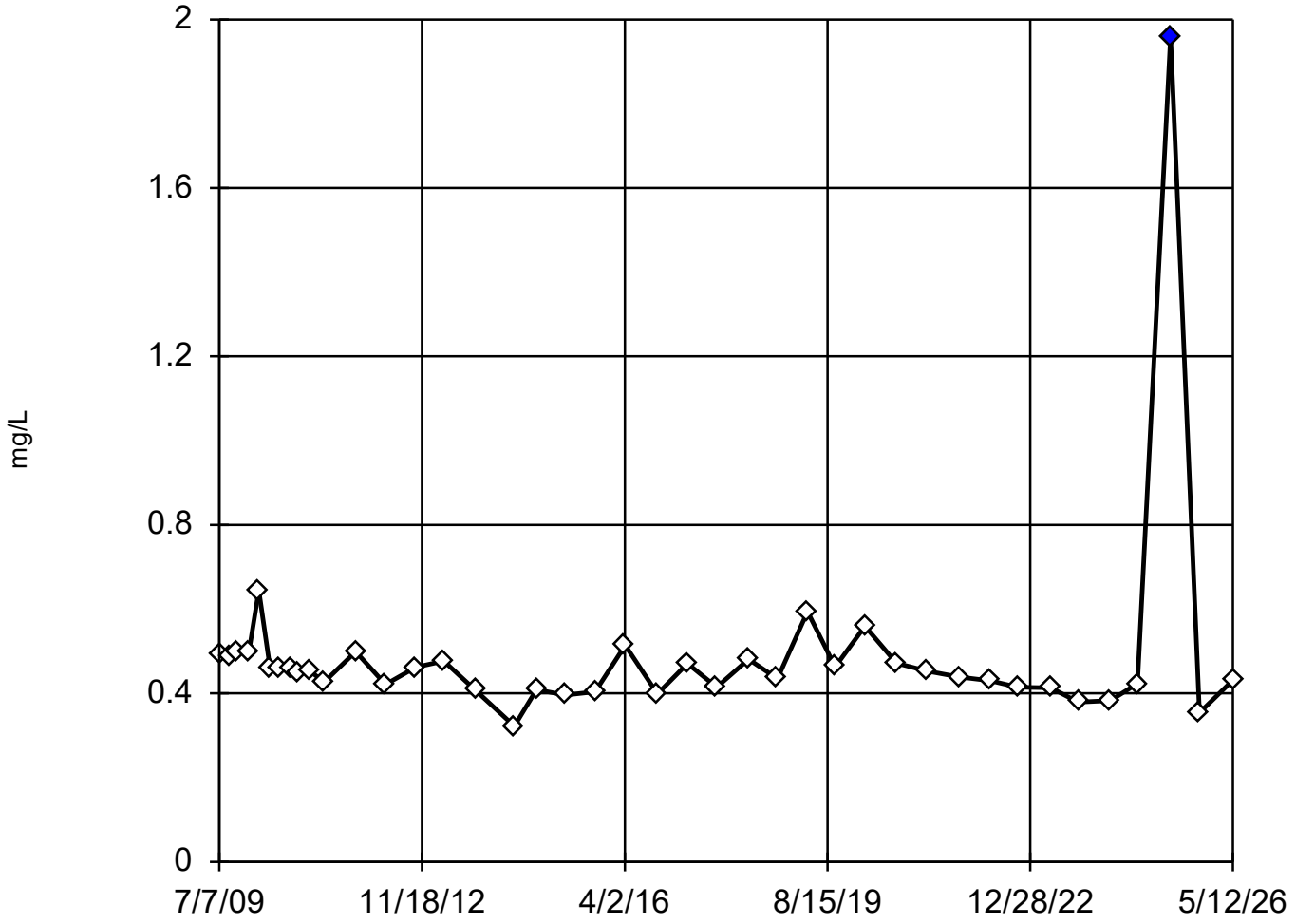
Rosner's Outlier Test

MW-207A



n = 41

Statistical outlier is drawn as solid.

k = 1
r = 5.461
Tabulated value = 2.99
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9756
Critical = 0.949 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Barium Analysis Run 7/1/2026 1:23 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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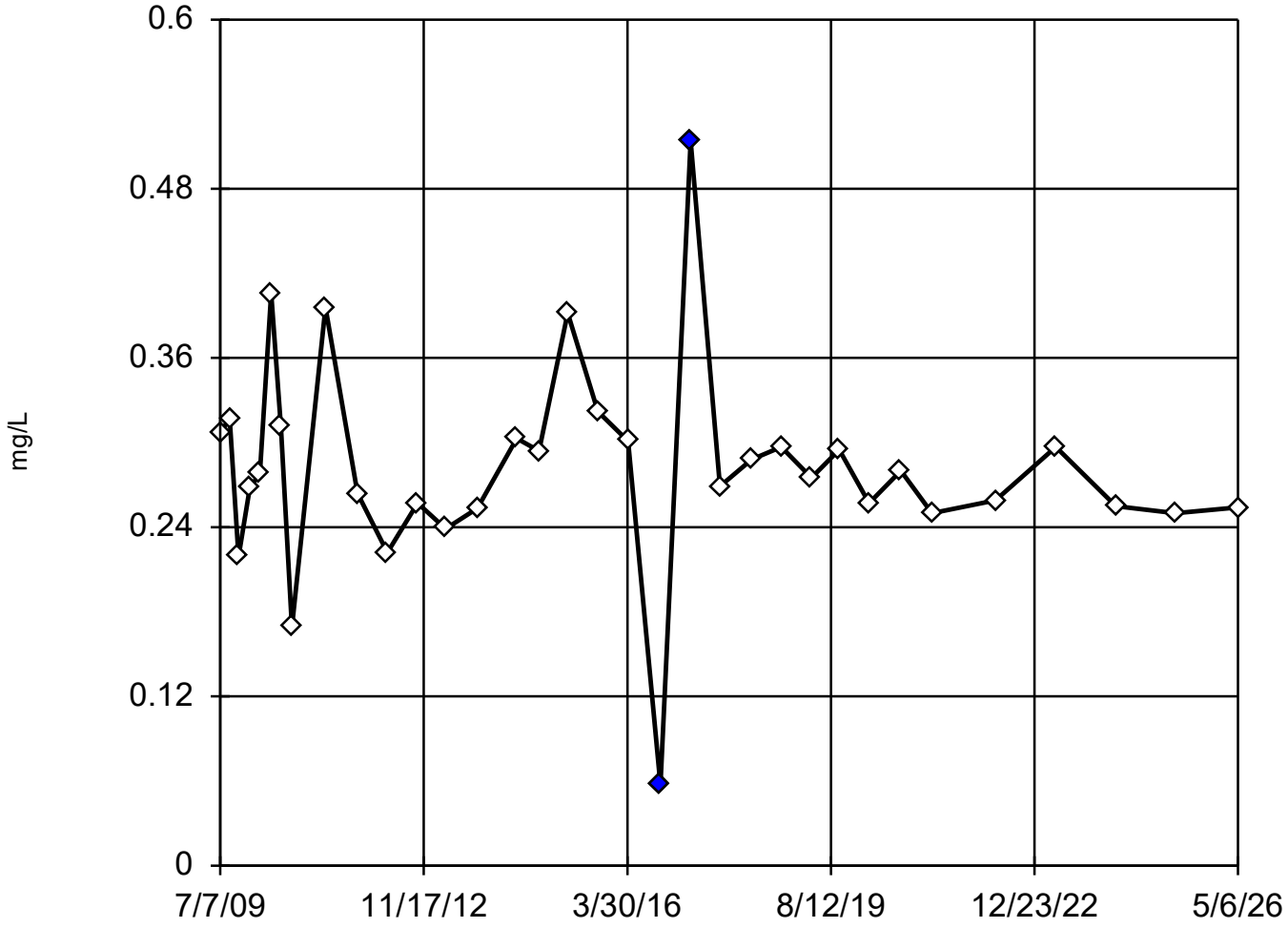
Tukey's Outlier Screening

MW-214A



n = 34

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.4588, low cutoff = 0.1, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 7/1/2026 1:23 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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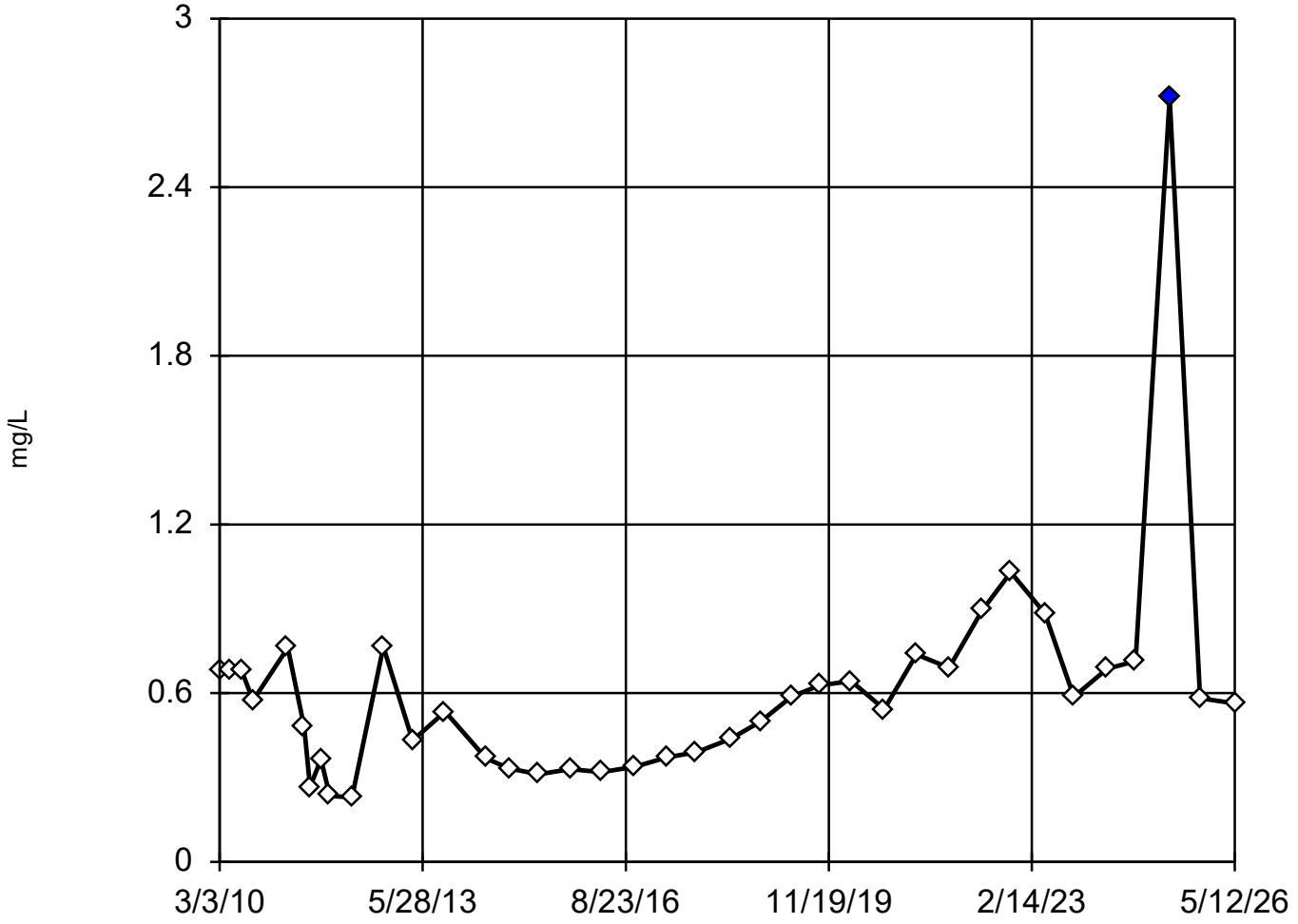
Rosner's Outlier Test

MW-211B



n = 38

Statistical outlier is drawn as solid.

k = 1
r = 5.25
Tabulated value = 2.968
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9617
Critical = 0.946
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Barium Analysis Run 7/1/2026 1:24 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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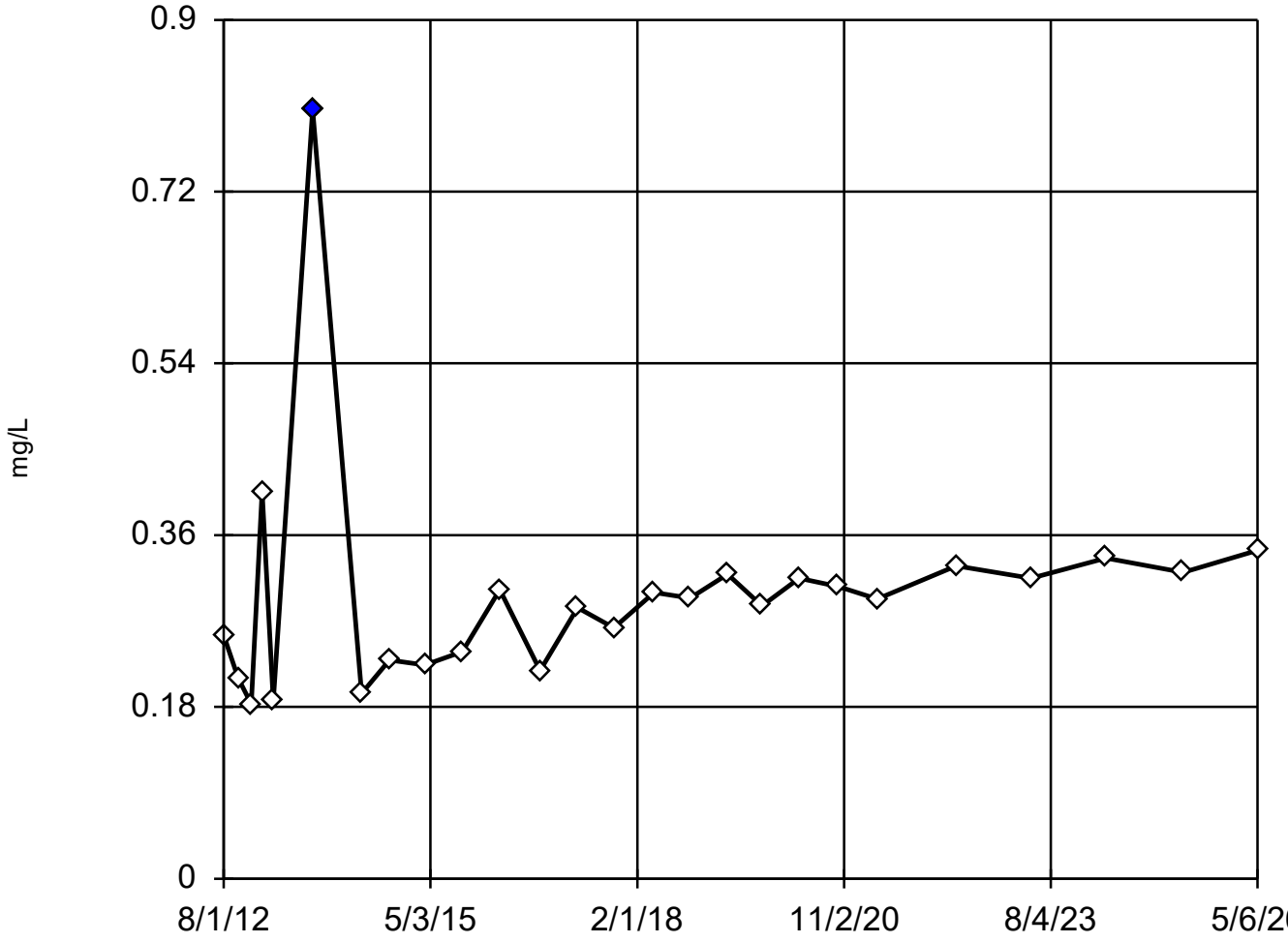
Rosner's Outlier Test

MW-38A (bg)



n = 26

Statistical outlier is drawn as solid.

k = 1
r = 4.329
Tabulated value = 2.856
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9555
Critical = 0.931
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Barium Analysis Run 7/1/2026 1:24 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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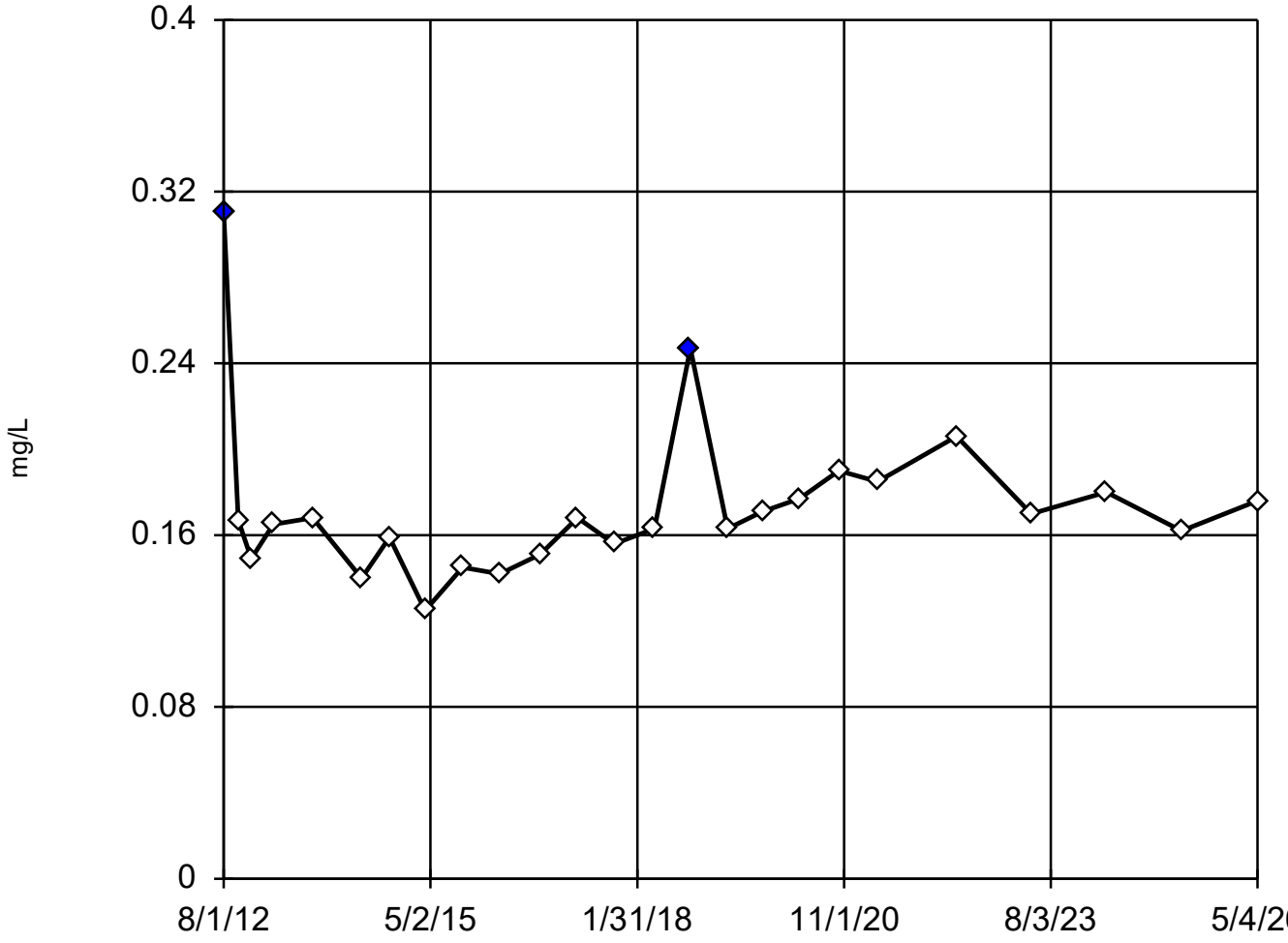
Rosner's Outlier Test

MW-39B (bg)



n = 25

Statistical outliers are drawn as solid.

k = 2
r = 3.265
Tabulated value = 3.22
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9881
Critical = 0.928
The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Barium Analysis Run 7/1/2026 1:24 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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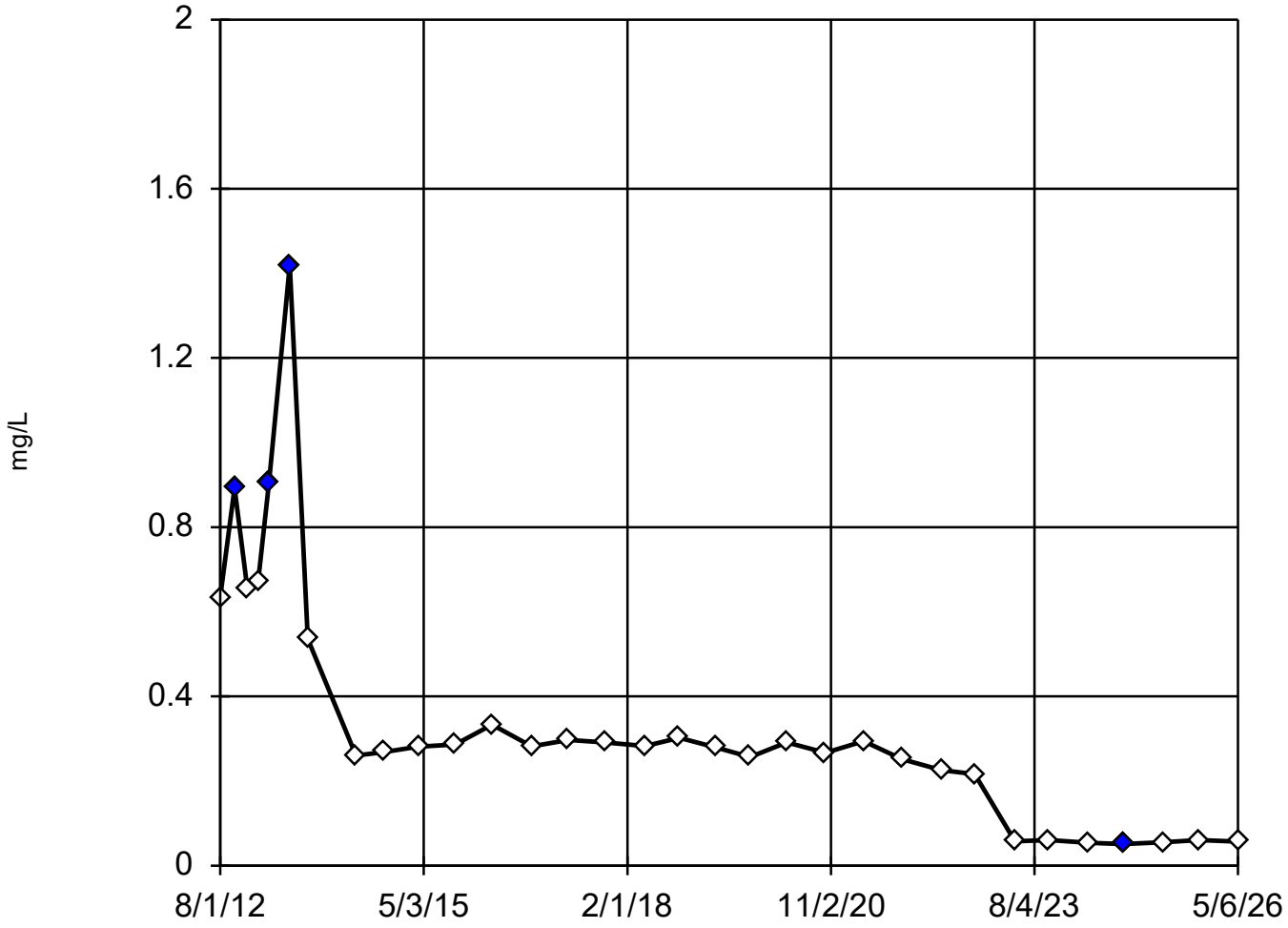
Tukey's Outlier Screening

MW-216A



n = 32

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.7646, low cutoff = 0.05155, based on IQR multiplier of 3.

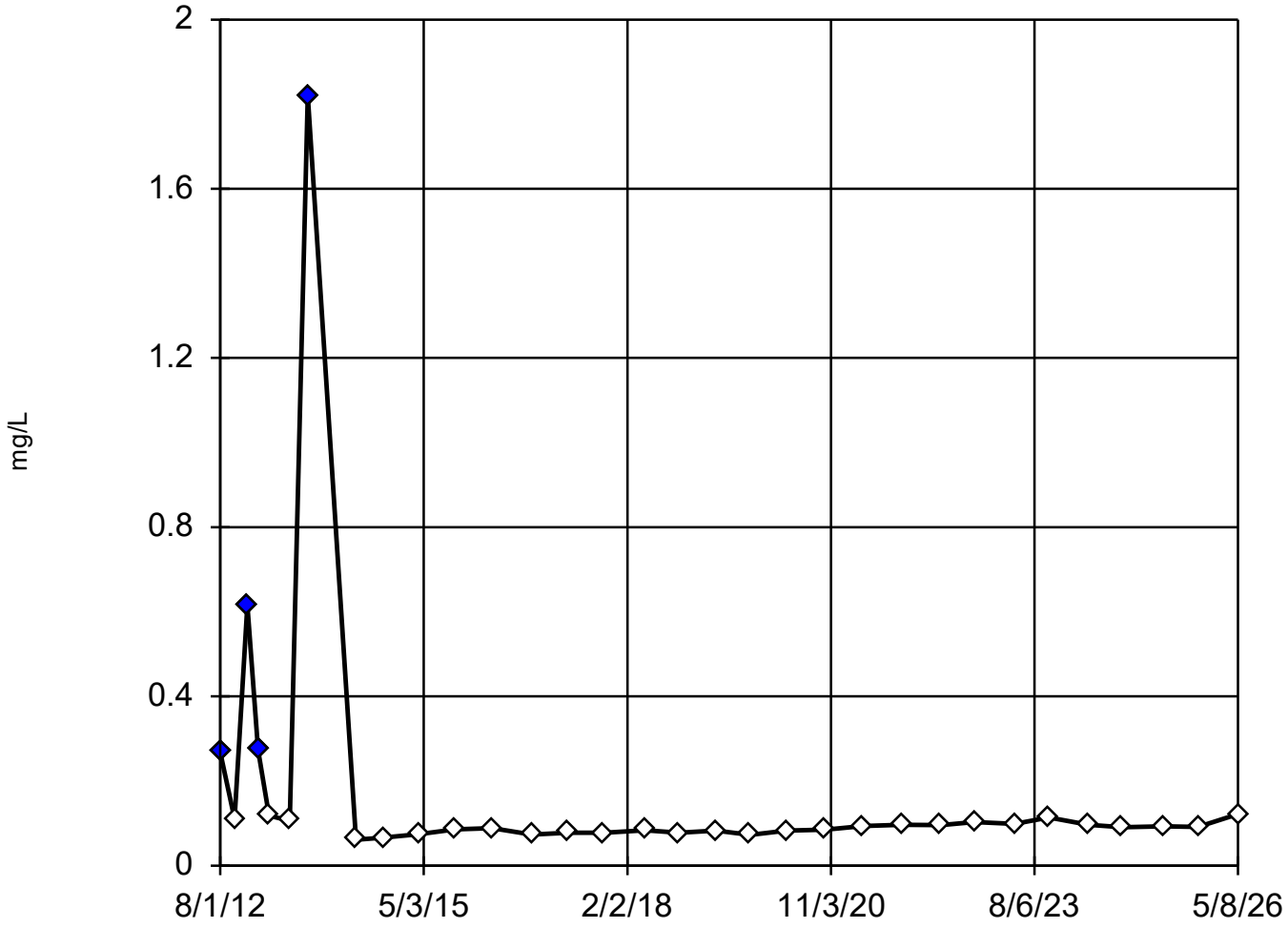
Constituent: Barium Analysis Run 7/1/2026 1:24 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Rosner's Outlier Test

MW-217A



n = 32

Statistical outliers are drawn as solid.
2 values manually flagged as outliers.

k = 4
r = 4.736
Tabulated value = 3.512
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9801
Critical = 0.936
The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Barium Analysis Run 7/1/2026 1:24 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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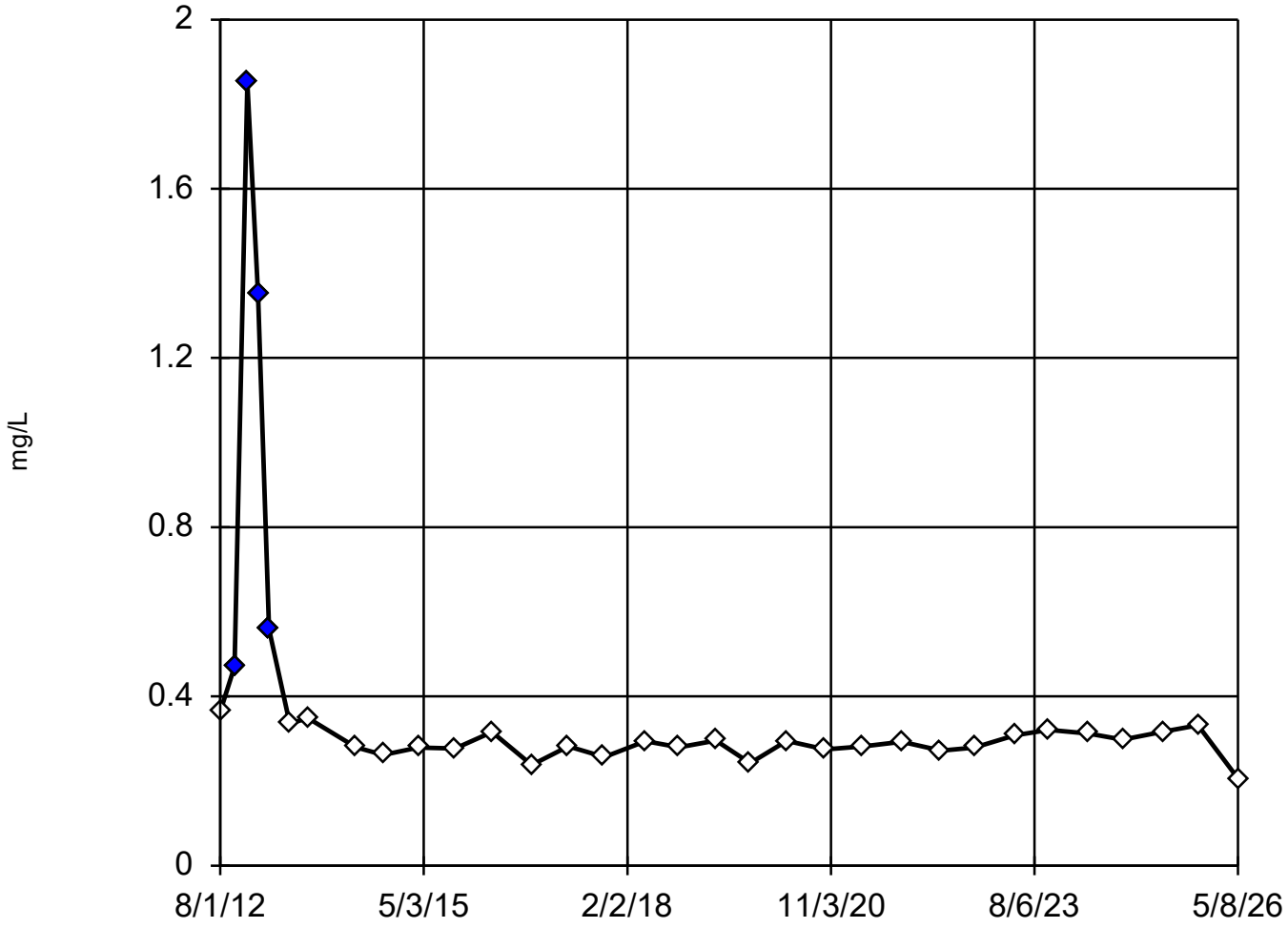
Rosner's Outlier Test

MW-220A



n = 32

Statistical outliers are drawn as solid.
2 values manually flagged as outliers.

k = 5
r = 3.678
Tabulated value = 3.05
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9815
Critical = 0.936
The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Barium Analysis Run 7/1/2026 1:24 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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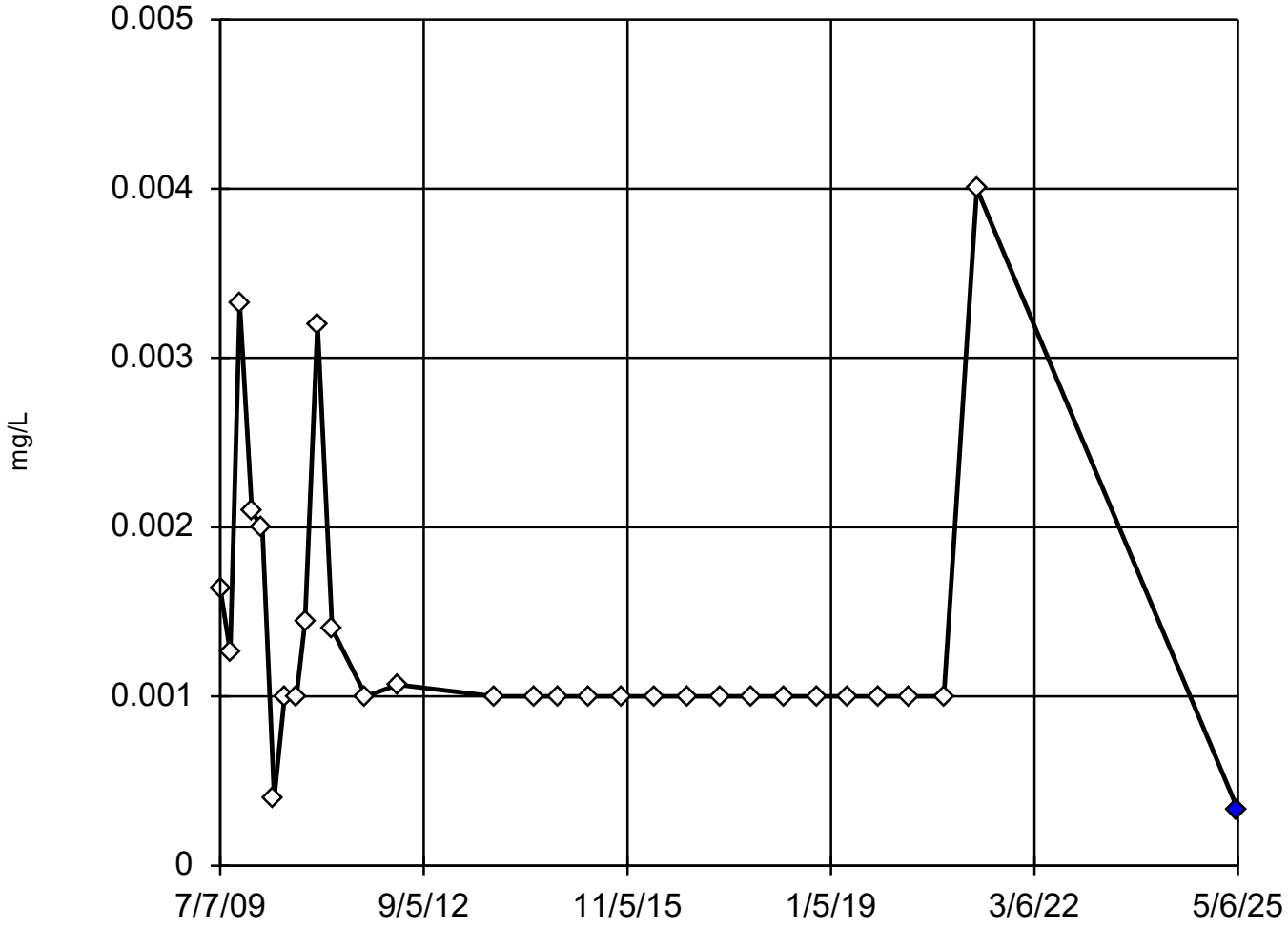
Tukey's Outlier Screening

MW-201A



n = 30

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.004064, low cutoff = 0.0003494, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 7/1/2026 1:25 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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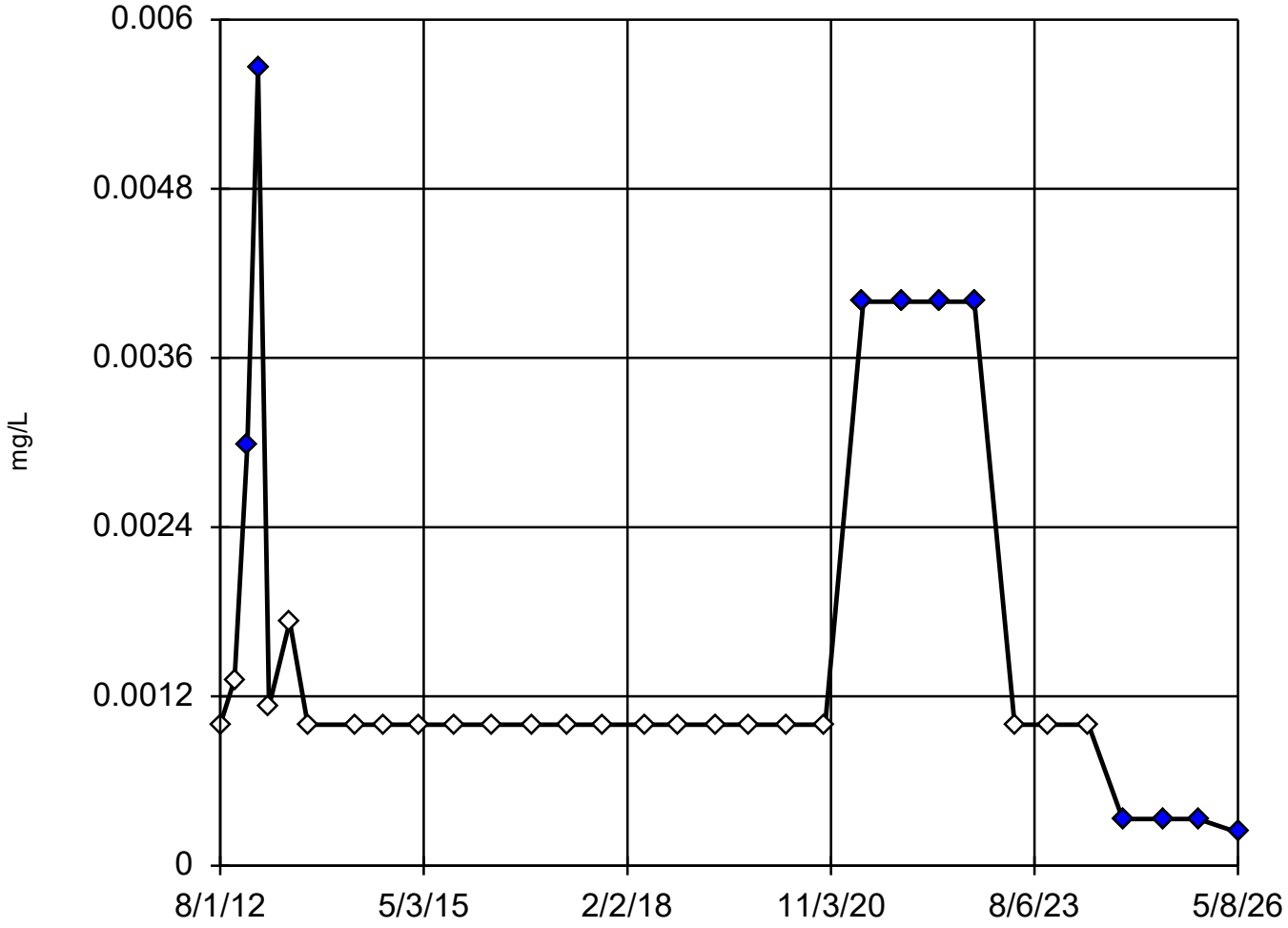
Tukey's Outlier Screening

MW-220A



n = 32

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.002225, low cutoff = 0.0005489, based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 7/1/2026 1:25 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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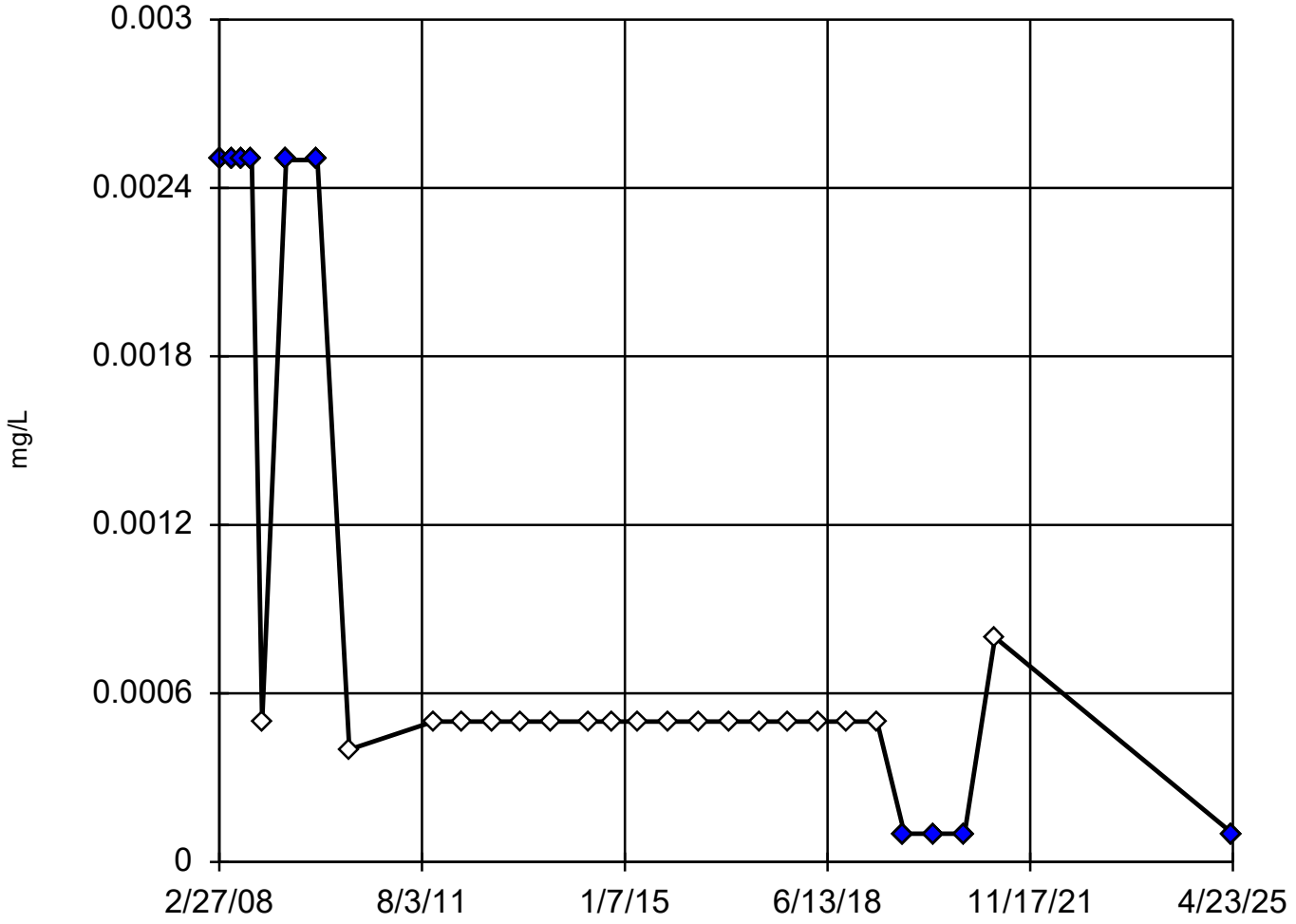
Tukey's Outlier Screening

MW-17A-00



n = 29

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.00128, low cutoff = 0.0002471, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 7/1/2026 1:26 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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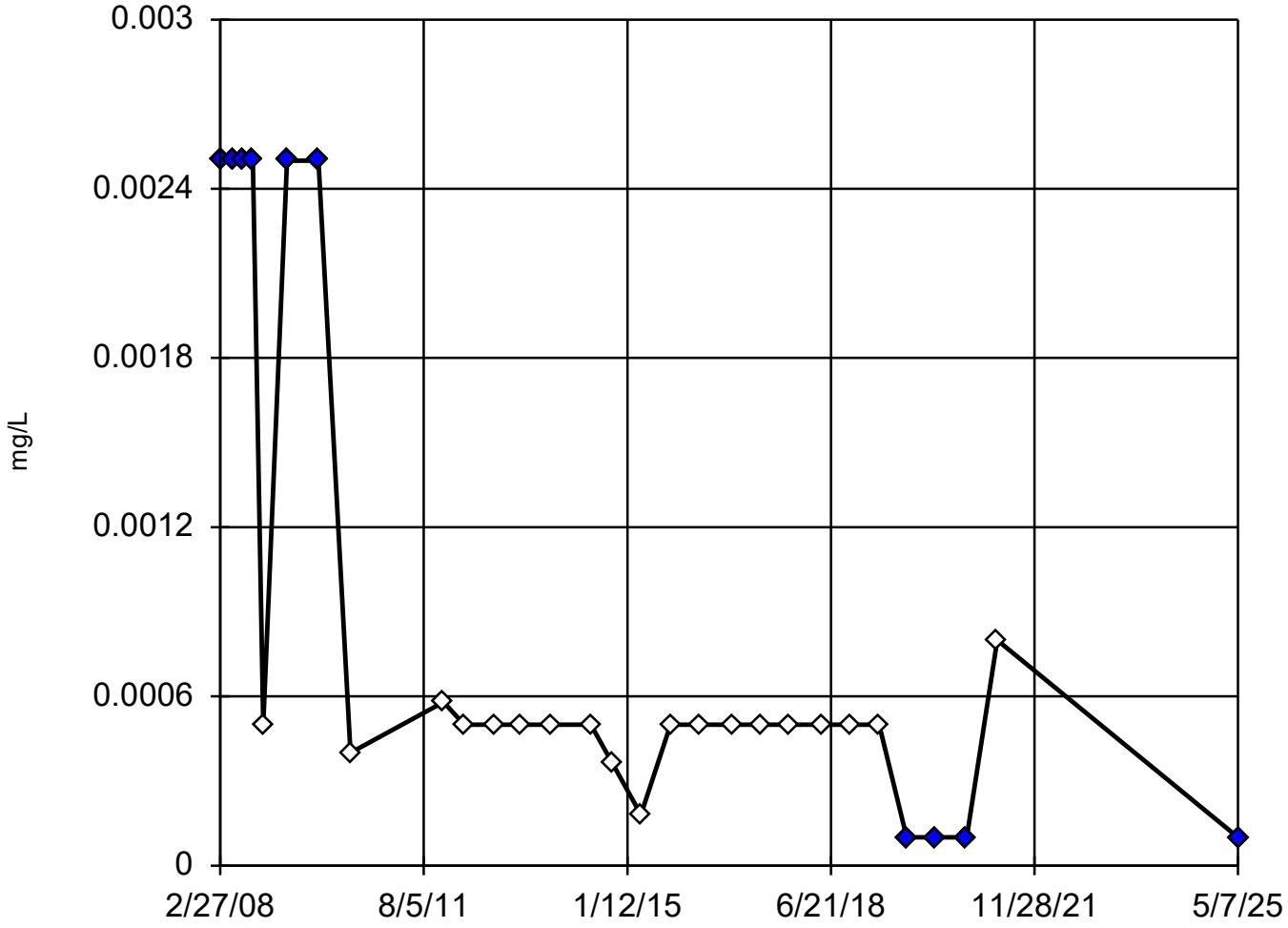
Tukey's Outlier Screening

MW-24A



n = 29

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.002407, low cutoff = 0.0001266, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 7/1/2026 1:26 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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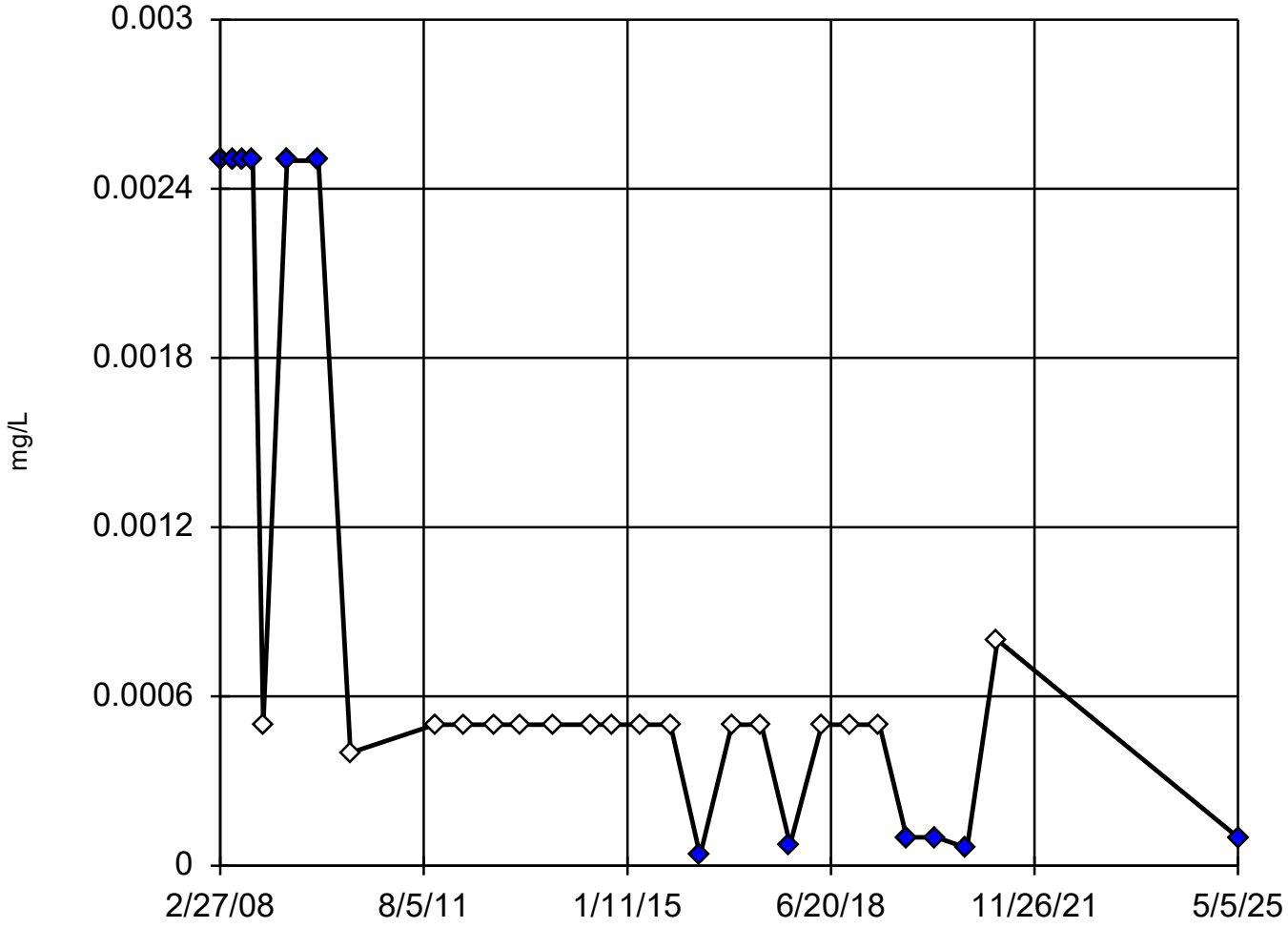
Tukey's Outlier Screening

MW-29A



n = 29

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001789, low cutoff = 0.0001581, based on IQR multiplier of 3.

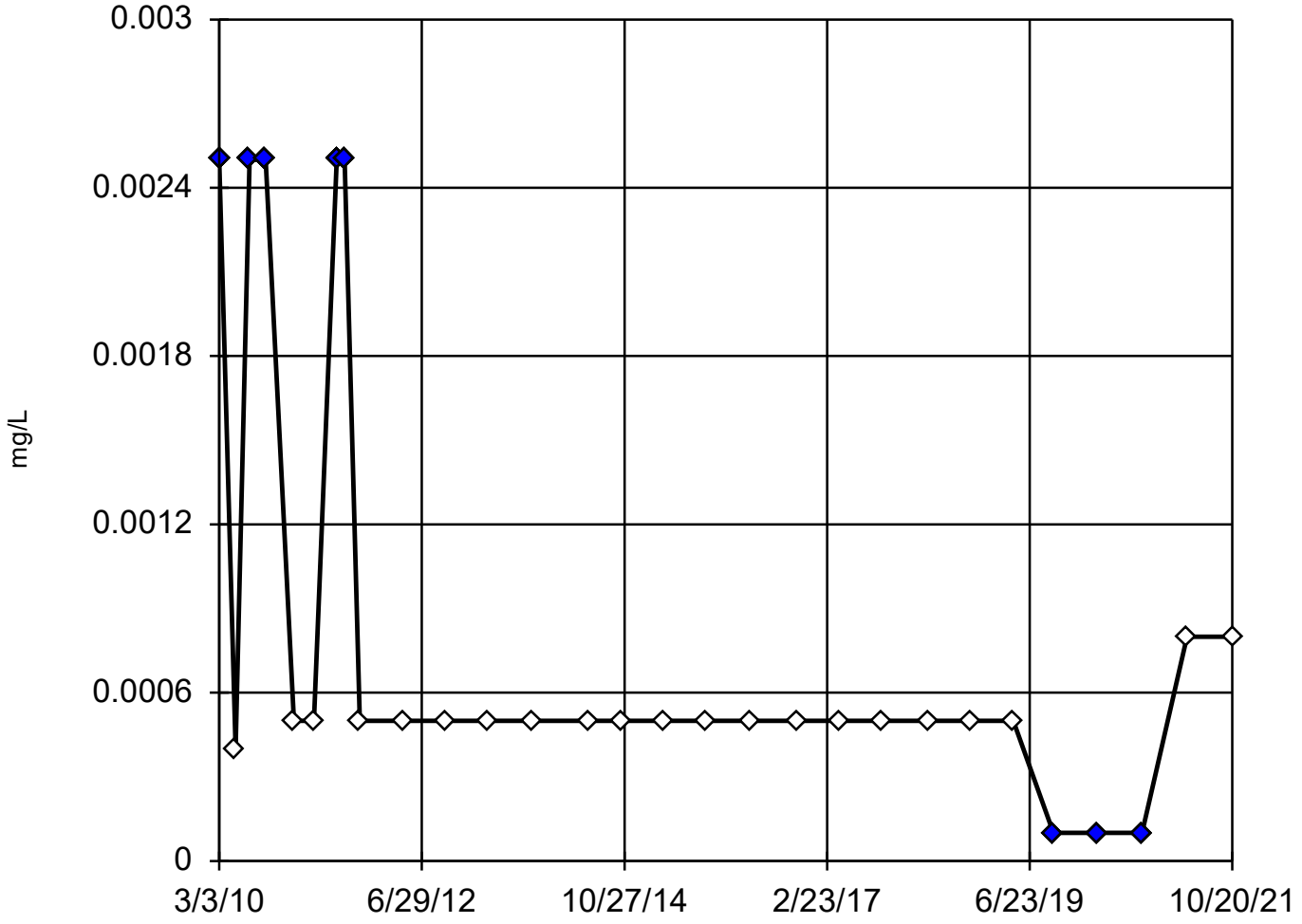
Constituent: Cadmium Analysis Run 7/1/2026 1:26 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-200A



n = 29

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.00128, low cutoff = 0.0002471, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 7/1/2026 1:26 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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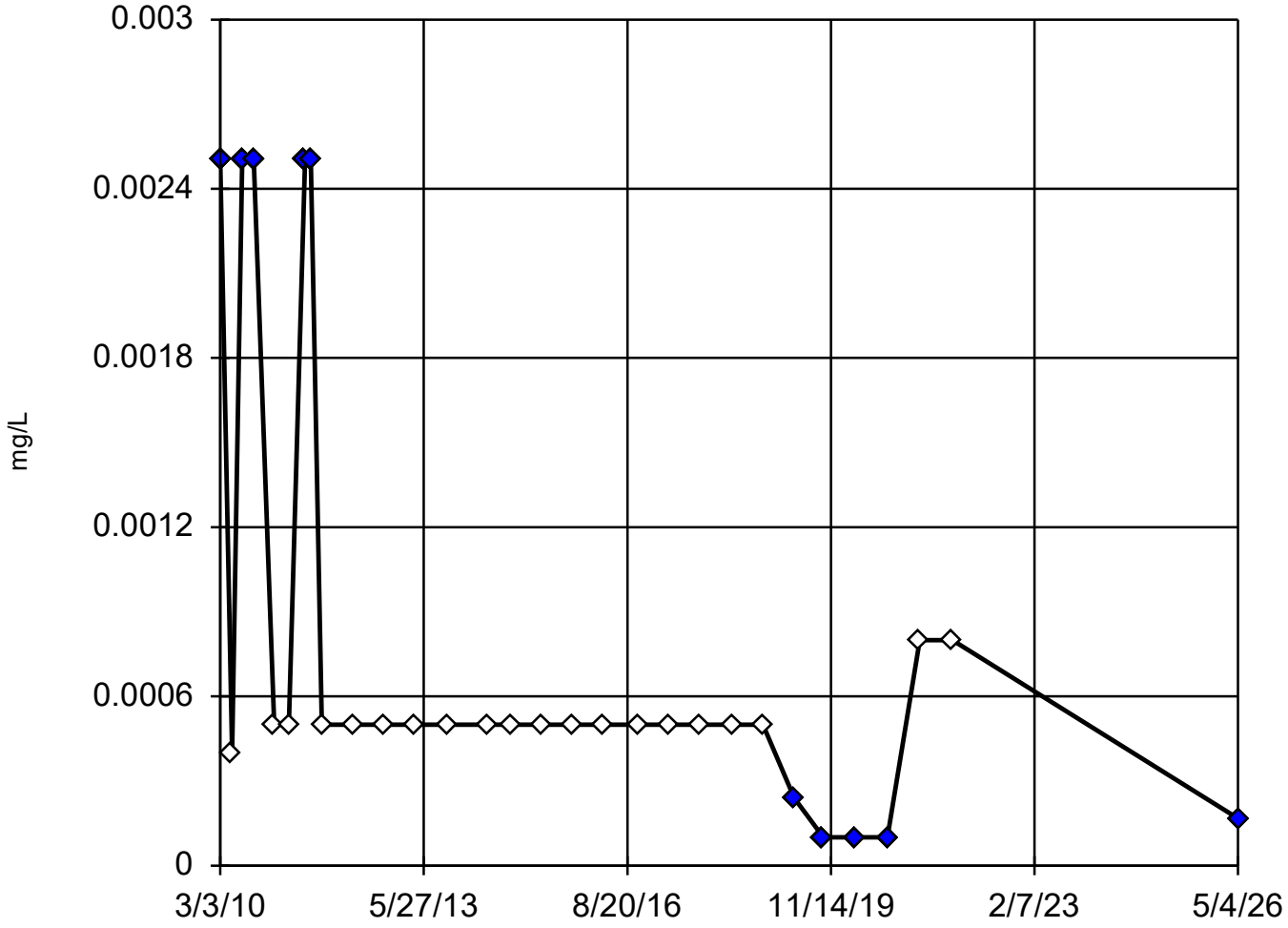
Tukey's Outlier Screening

MW-205A



n = 30

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.00128, low cutoff = 0.0002471, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 7/1/2026 1:26 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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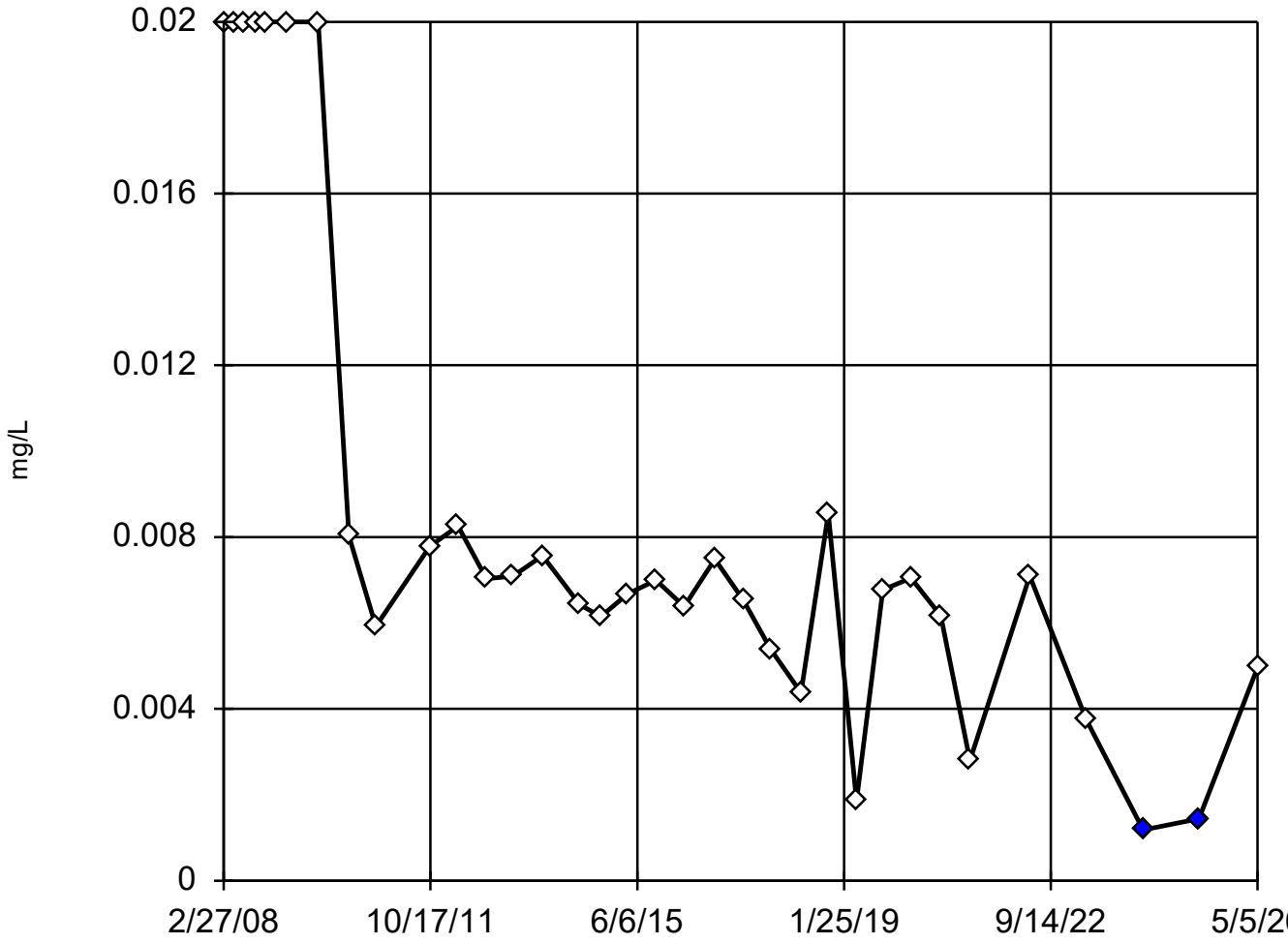
Tukey's Outlier Screening

MW-14B



n = 34

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02767, low cutoff = 0.001716, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 7/1/2026 1:28 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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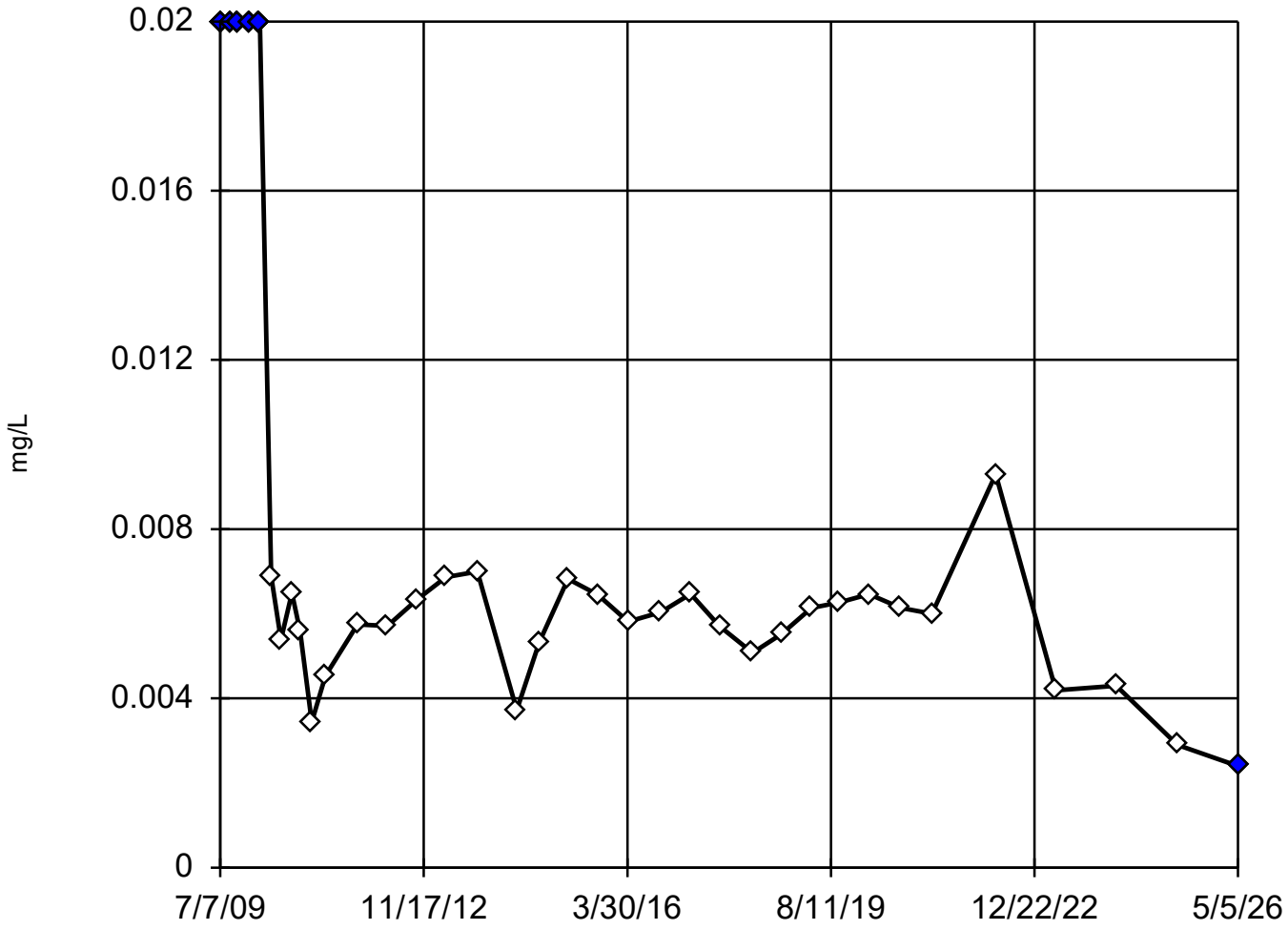
Tukey's Outlier Screening

MW-210B



n = 36

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01426, low cutoff = 0.002573, based on IQR multiplier of 3.

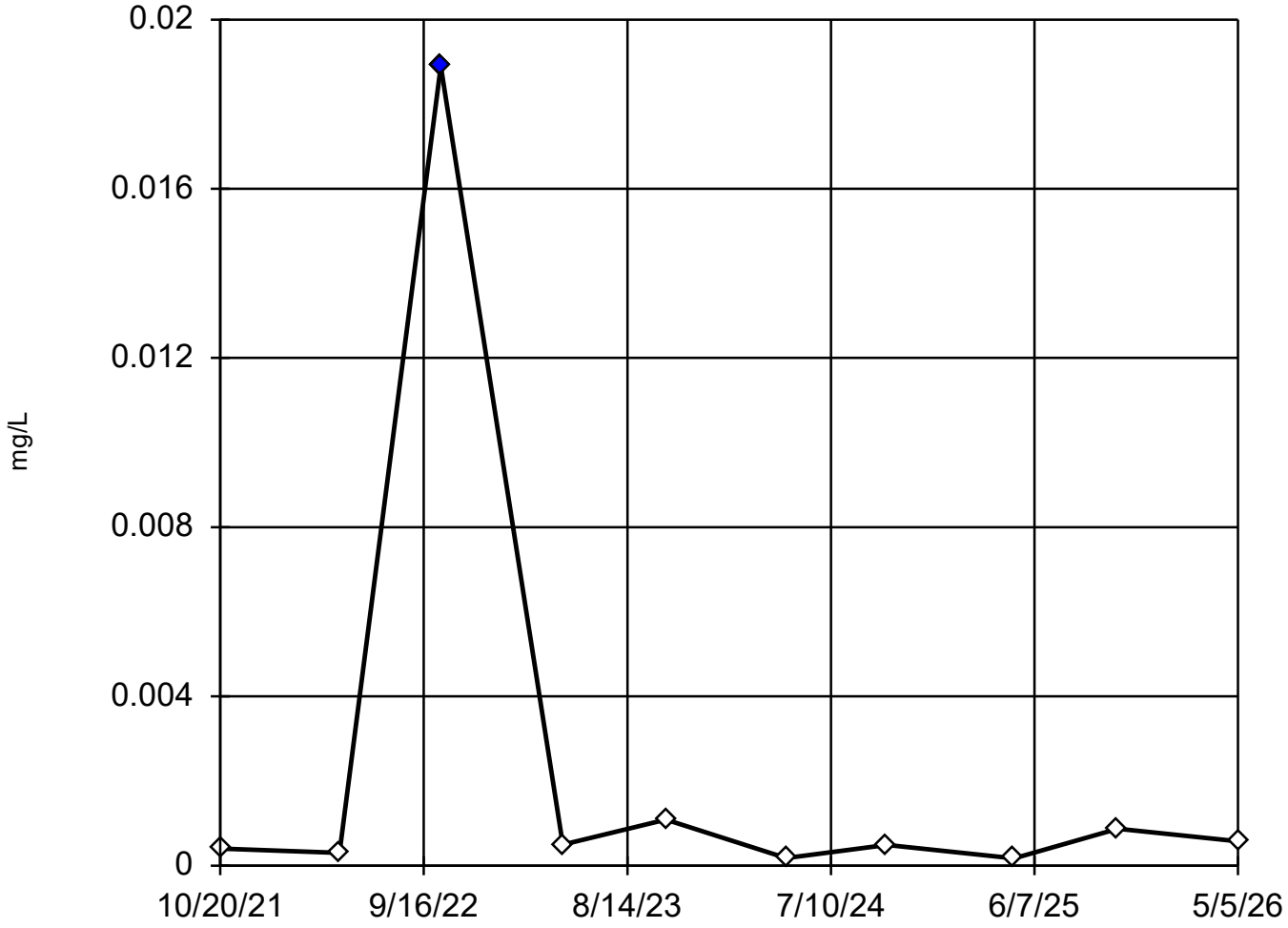
Constituent: Cobalt Analysis Run 7/1/2026 1:28 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-408



n = 10

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.002348.
Std. Dev. = 0.005823.
0.0189 (o): c = 0.9513
tabl = 0.477.
Alpha = 0.05.

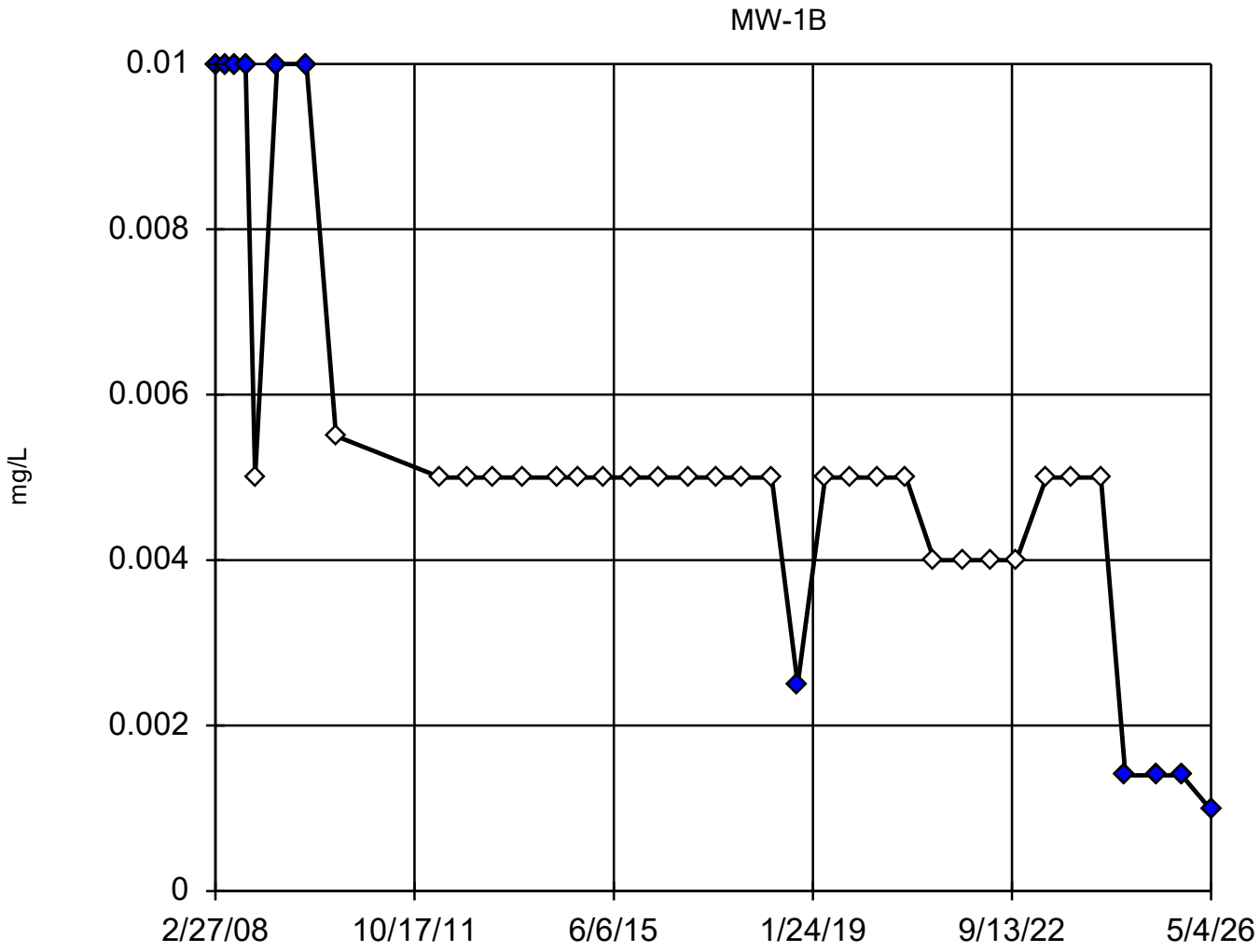
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9165
Critical = 0.859
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Cobalt Analysis Run 7/1/2026 1:29 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 37

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.006709, low cutoff = 0.003111, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 7/1/2026 1:34 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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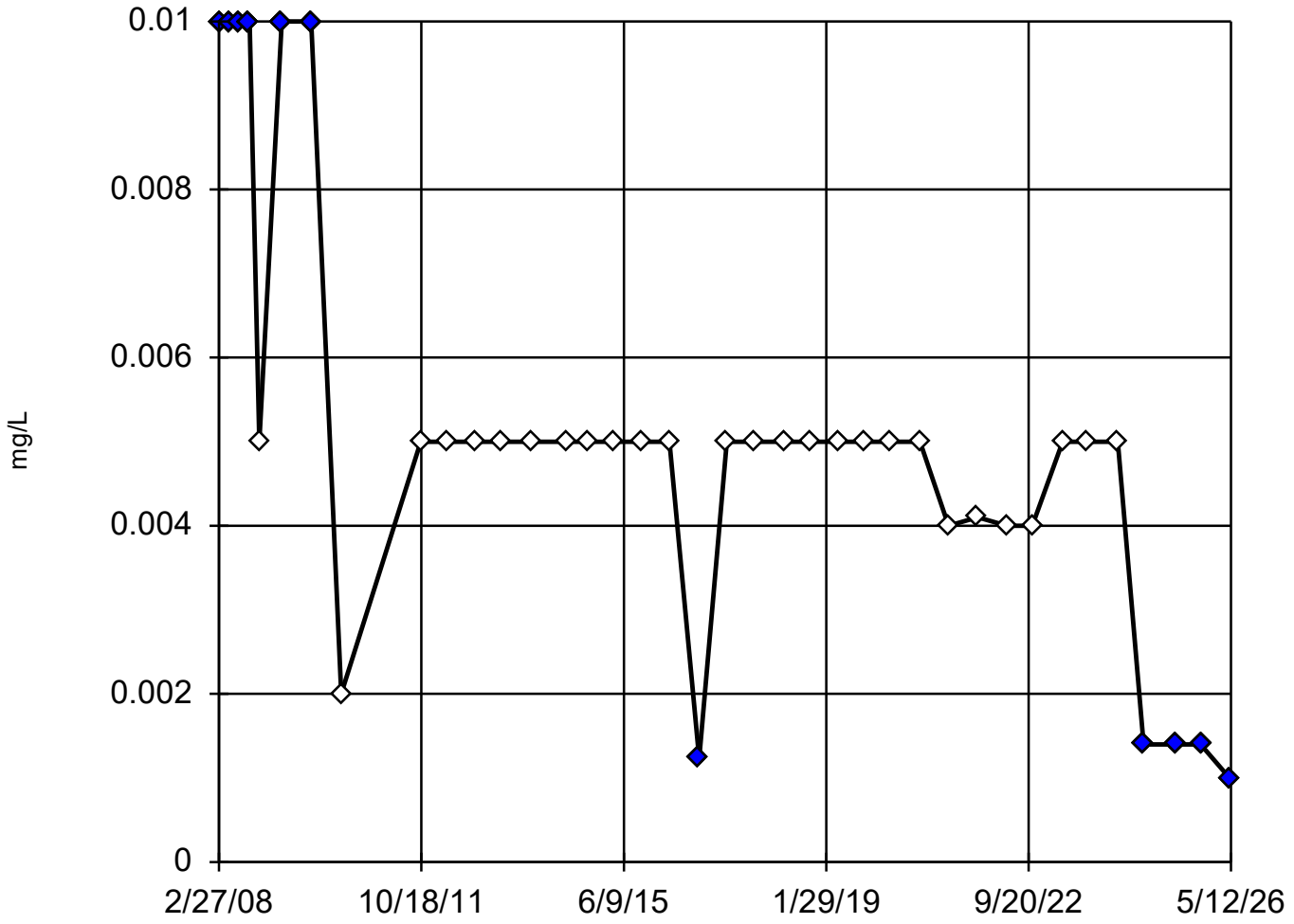
Tukey's Outlier Screening

MW-2A-97



n = 38

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.008451, low cutoff = 0.0018, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 7/1/2026 1:34 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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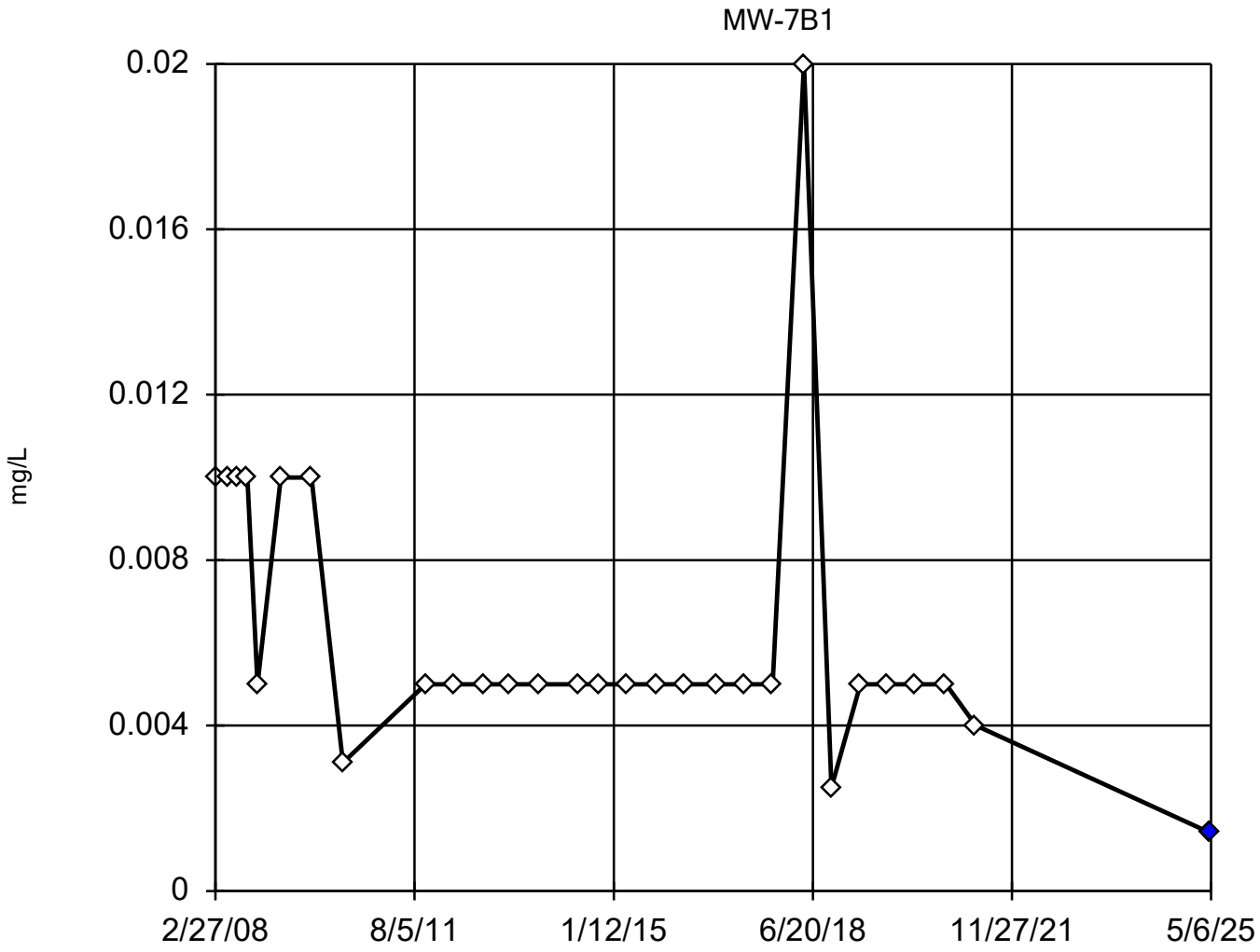
Tukey's Outlier Screening



n = 29

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02, low cutoff = 0.001768, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 7/1/2026 1:34 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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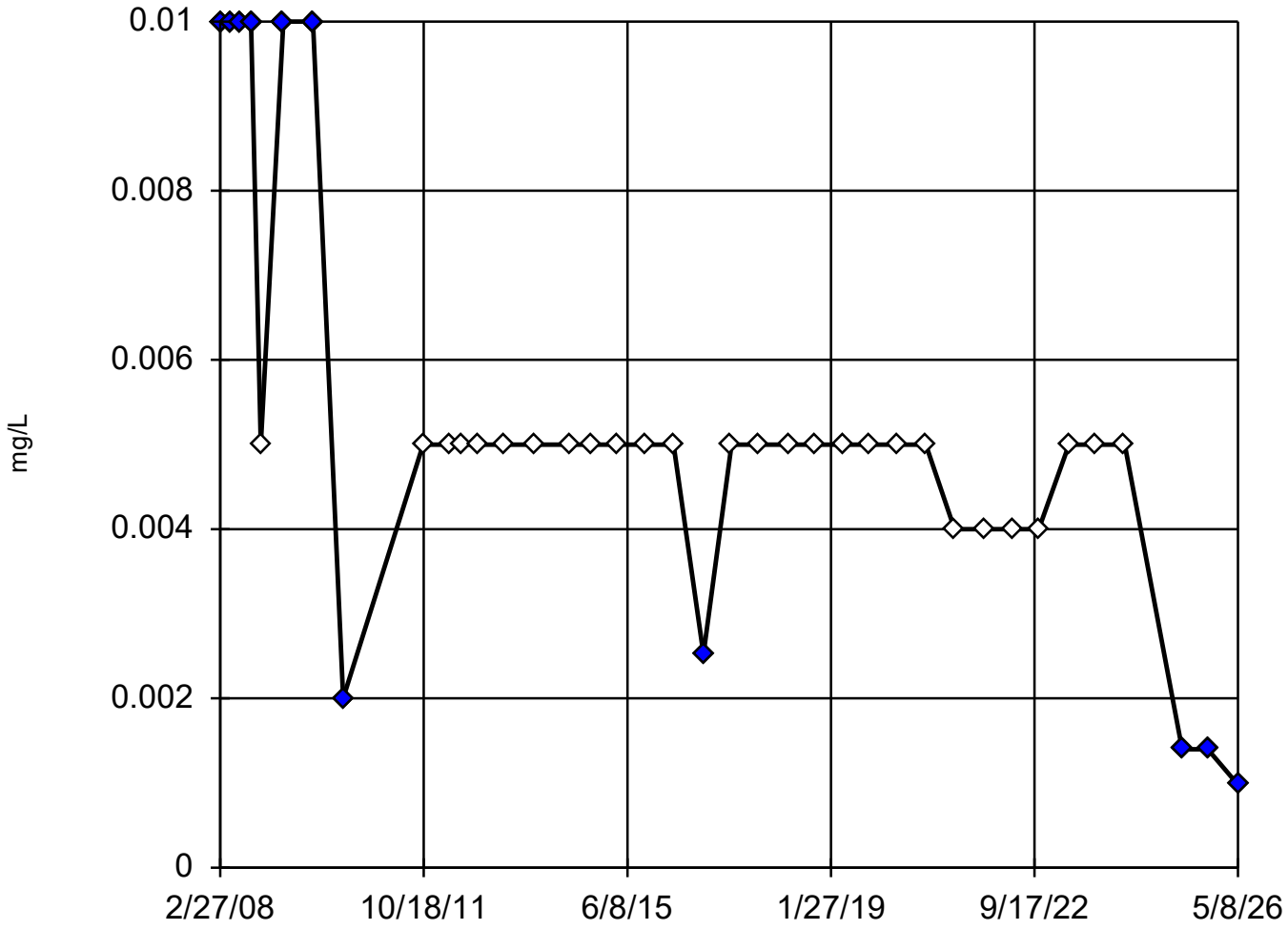
Tukey's Outlier Screening

MW-25A-00



n = 38

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.006709, low cutoff = 0.003111, based on IQR multiplier of 3.

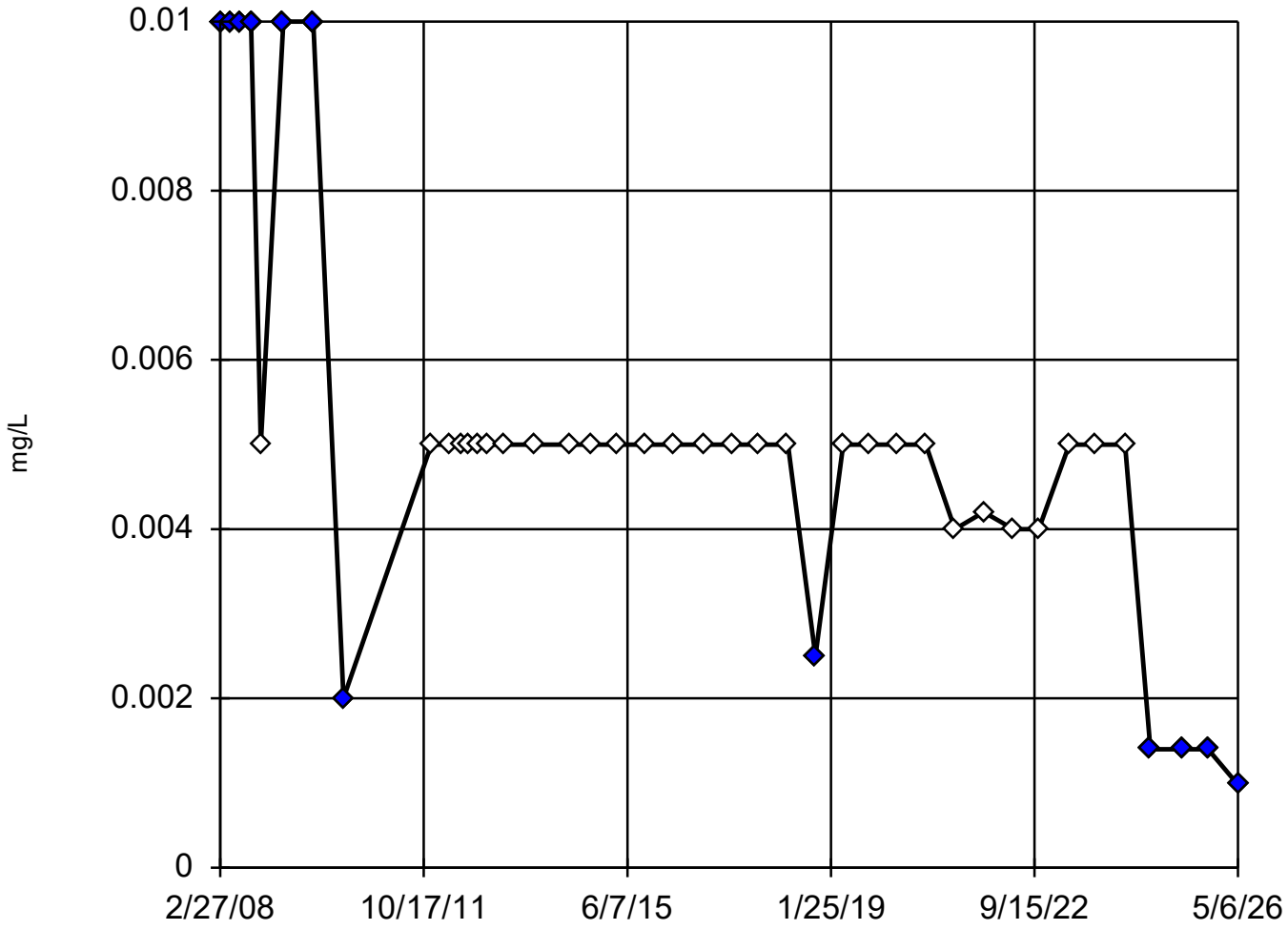
Constituent: Selenium Analysis Run 7/1/2026 1:34 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-31B



n = 41

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.006331, low cutoff = 0.00347, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 7/1/2026 1:35 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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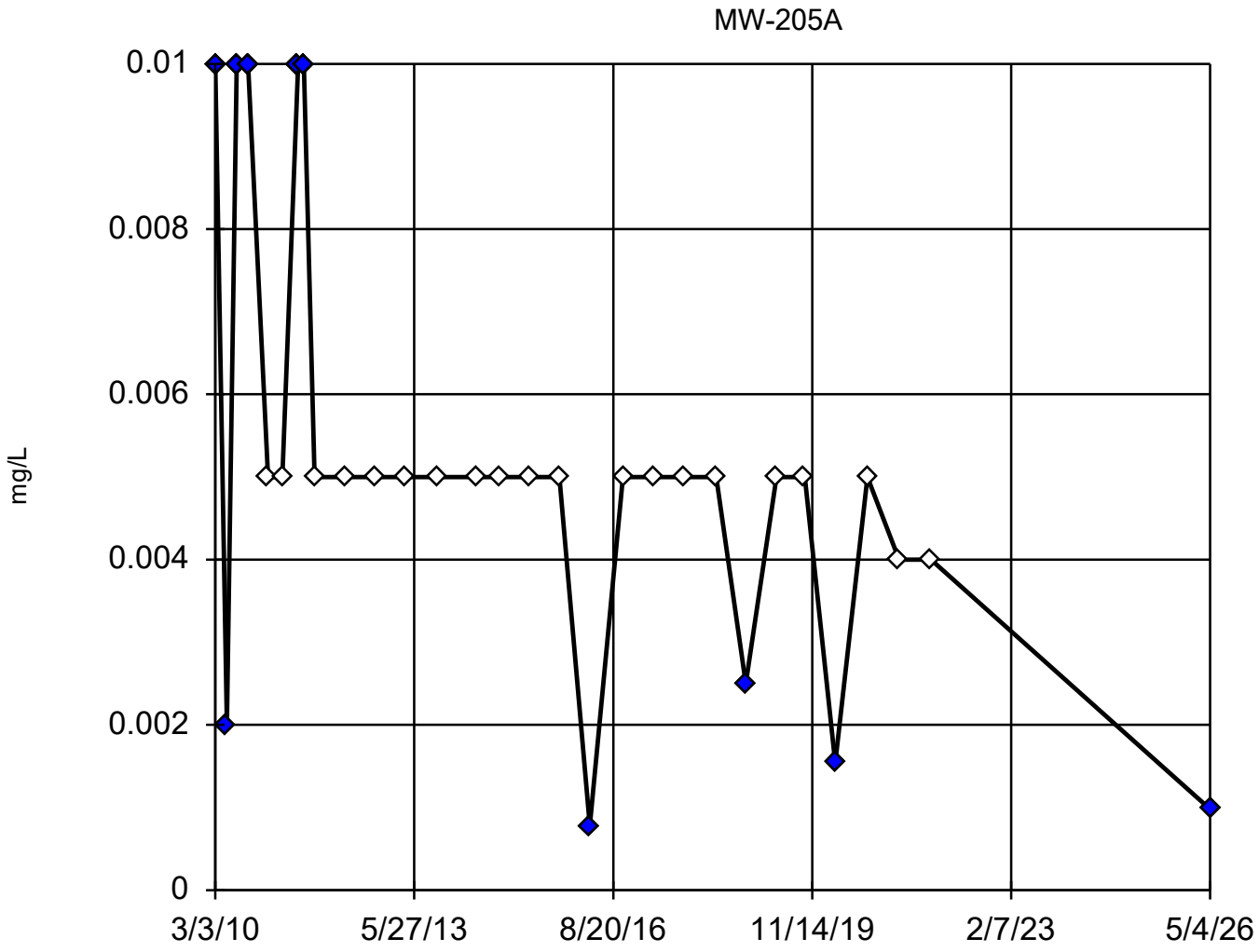
Tukey's Outlier Screening



n = 30

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.006709, low cutoff = 0.003111, based on IQR multiplier of 3.

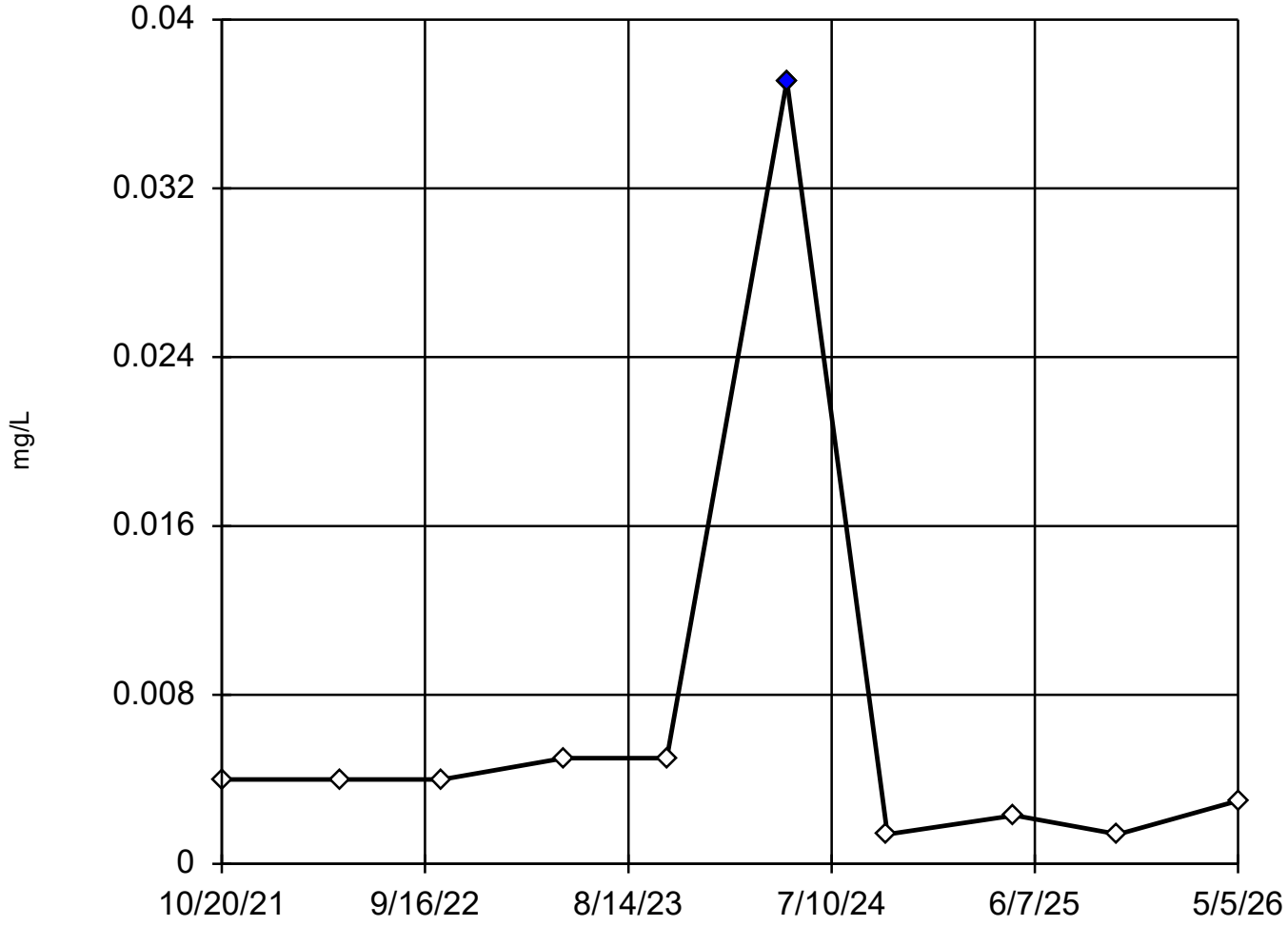
Constituent: Selenium Analysis Run 7/1/2026 1:35 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-408



n = 10

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 0.006717.
Std. Dev. = 0.01076.
0.0371 (o): c = 0.8992
tabl = 0.477.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8893
Critical = 0.859
The distribution, after removal of suspect value, was found to be normally distributed.

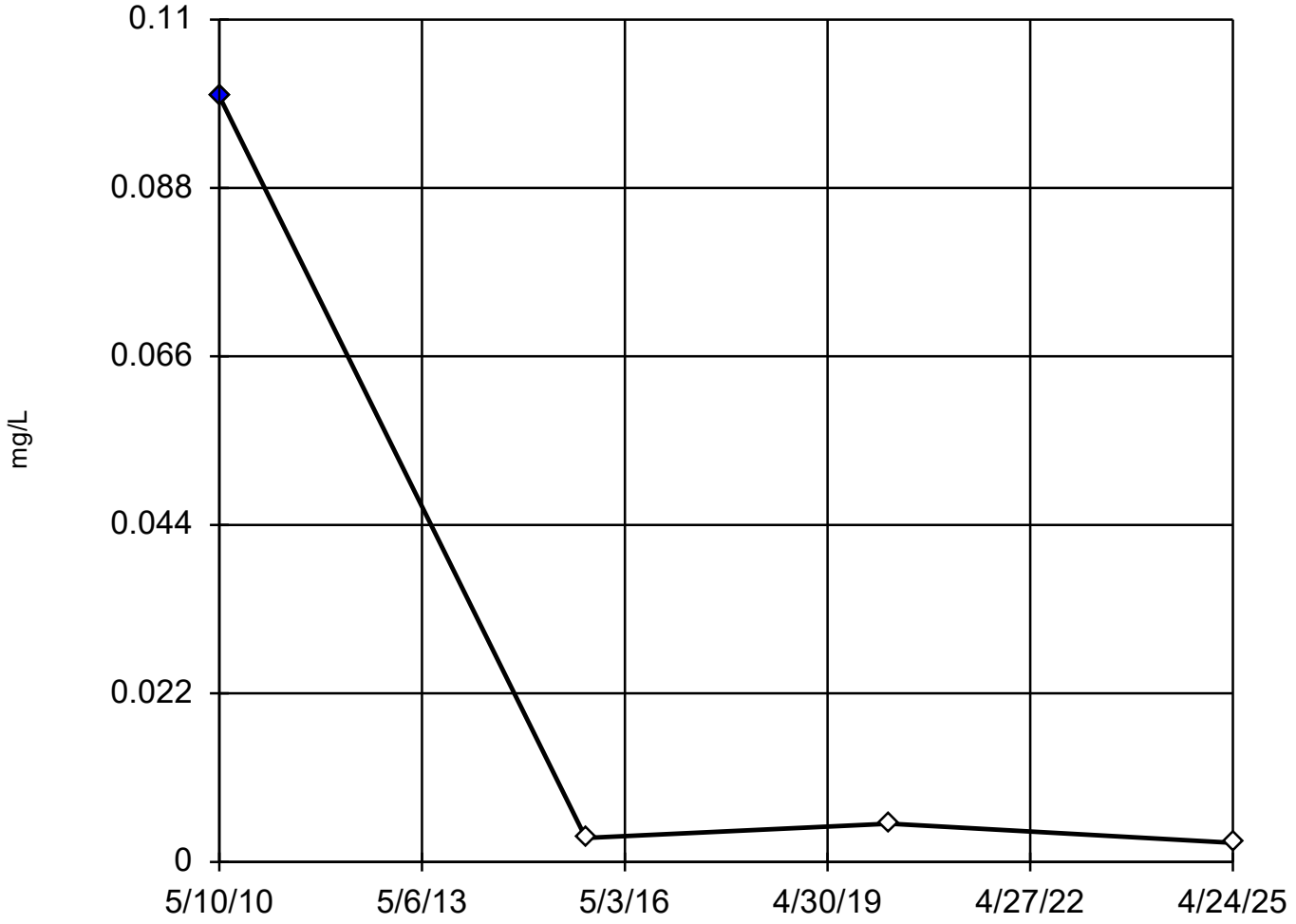
Constituent: Selenium Analysis Run 7/1/2026 1:35 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.02766.
Std. Dev. = 0.04824.
<0.1: c = 0.9744
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9264
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

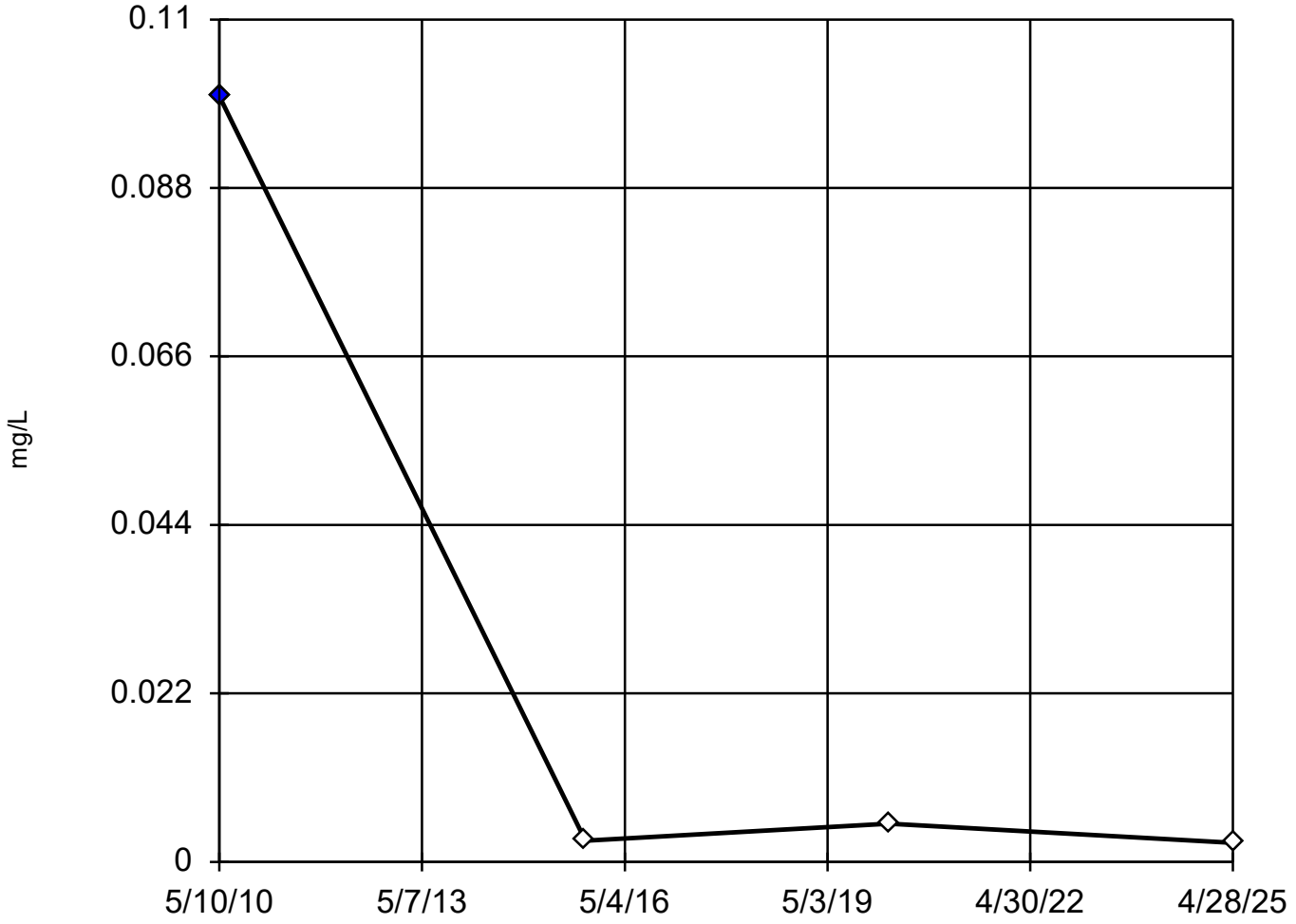
Constituent: Tin Analysis Run 7/1/2026 1:39 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-209B



n = 4

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.02757.
Std. Dev. = 0.0483.
<0.1: c = 0.9744
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8328
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

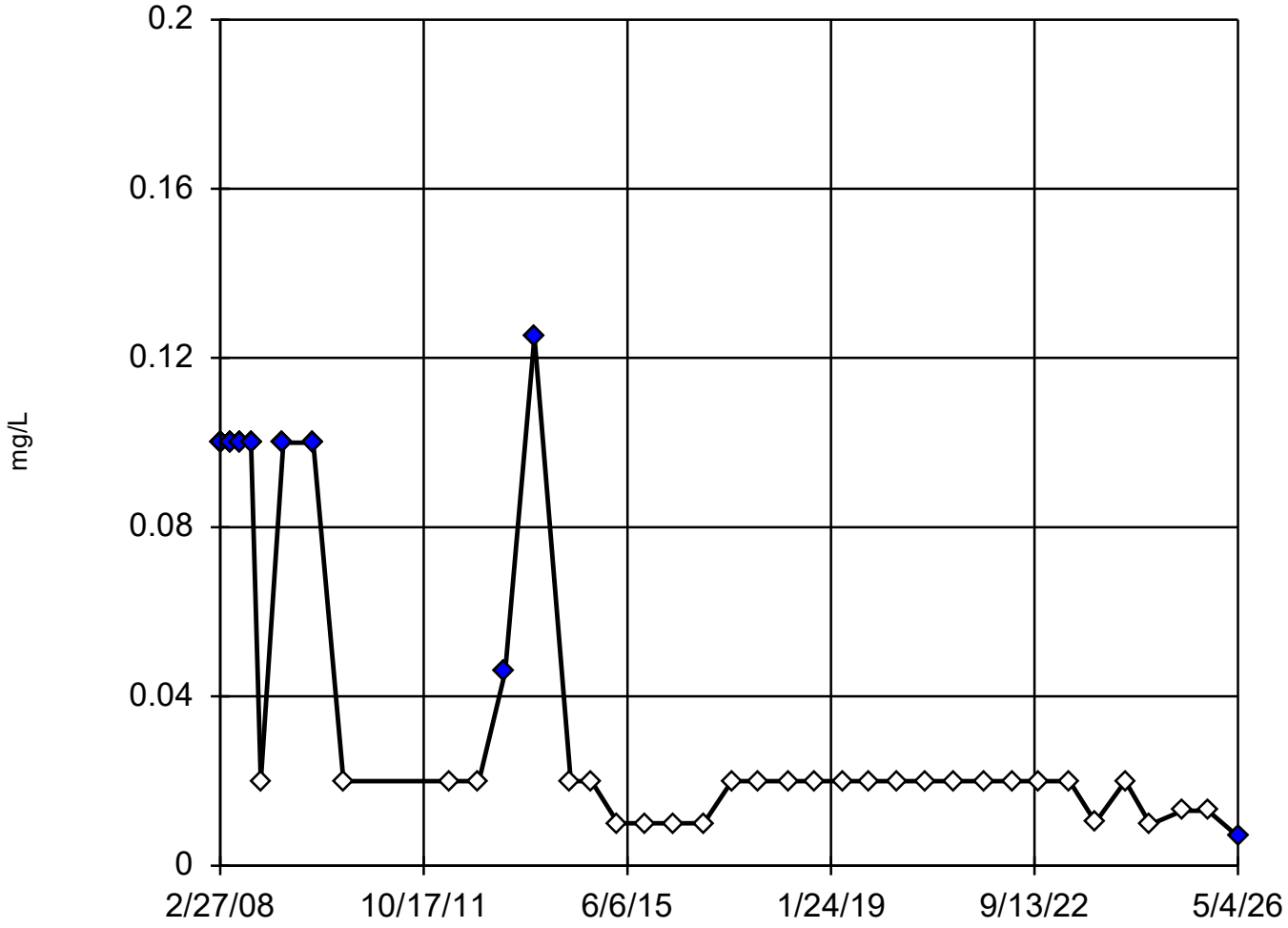
Constituent: Tin Analysis Run 7/1/2026 1:39 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-1B



n = 37

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03816, low cutoff = 0.00845, based on IQR multiplier of 3.

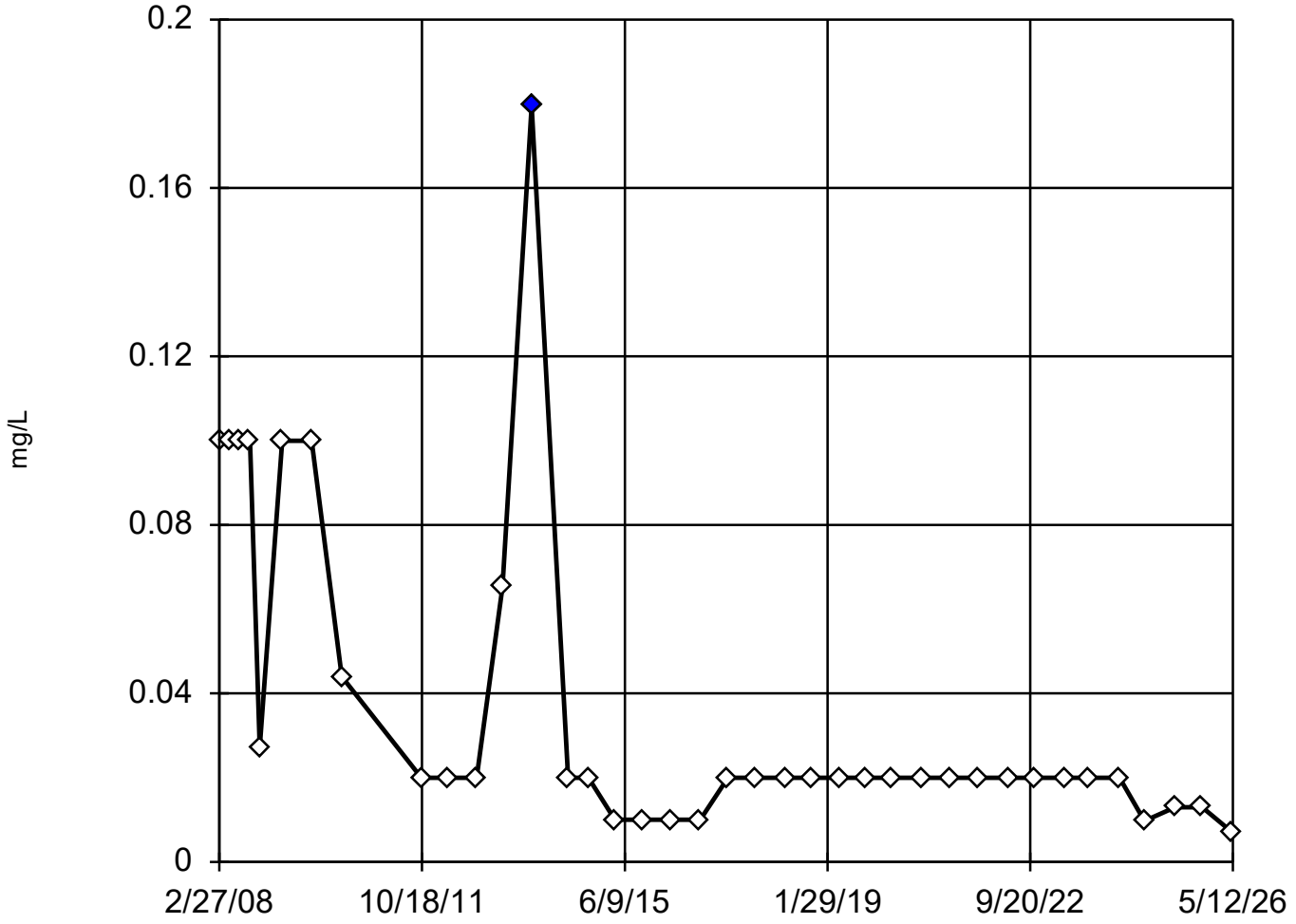
Constituent: Zinc Analysis Run 7/1/2026 1:40 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-6B



n = 38

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.179, low cutoff = 0.003864, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 7/1/2026 1:40 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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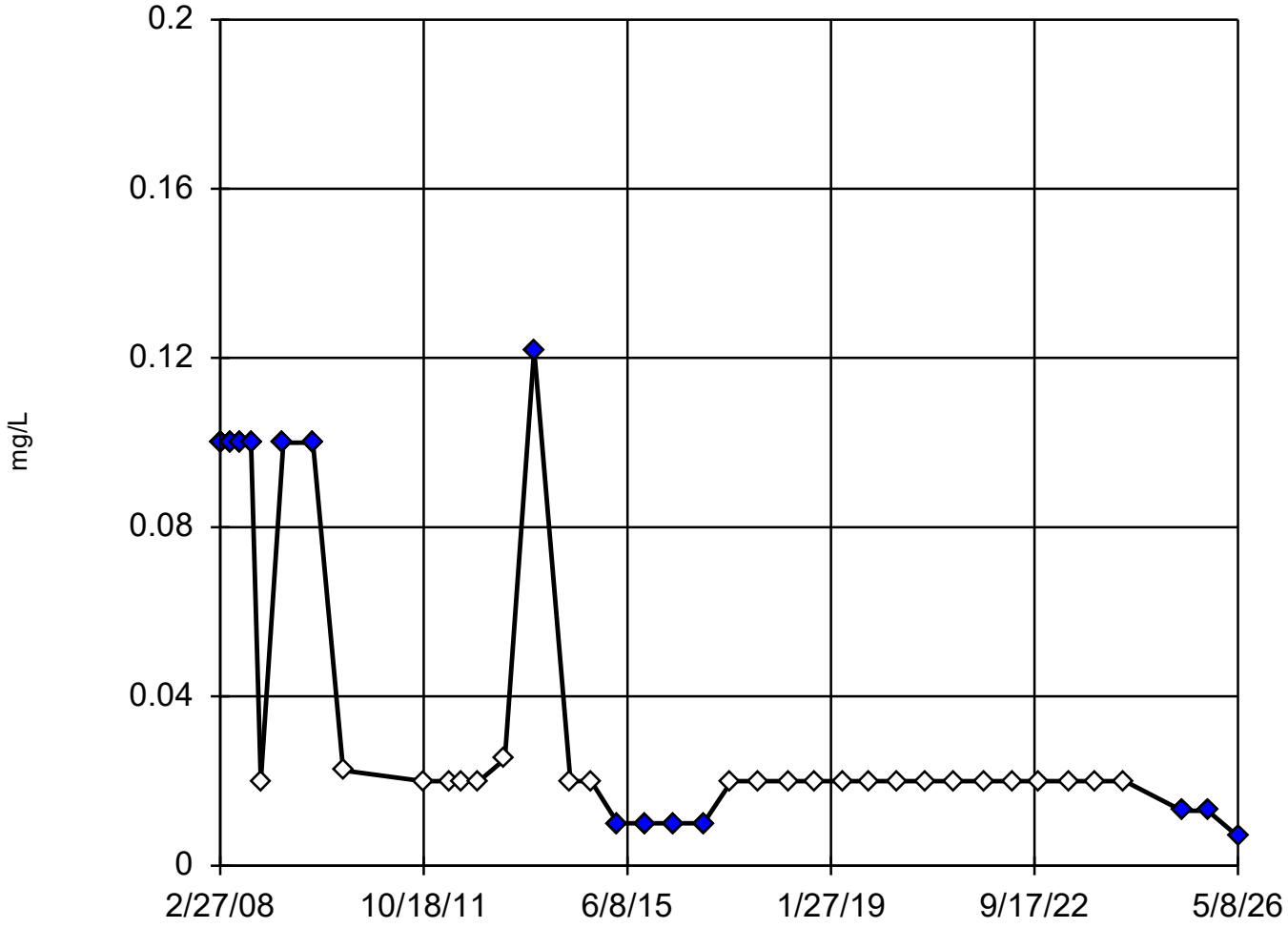
Tukey's Outlier Screening

MW-25A-00



n = 38

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02531, low cutoff = 0.01676, based on IQR multiplier of 3.

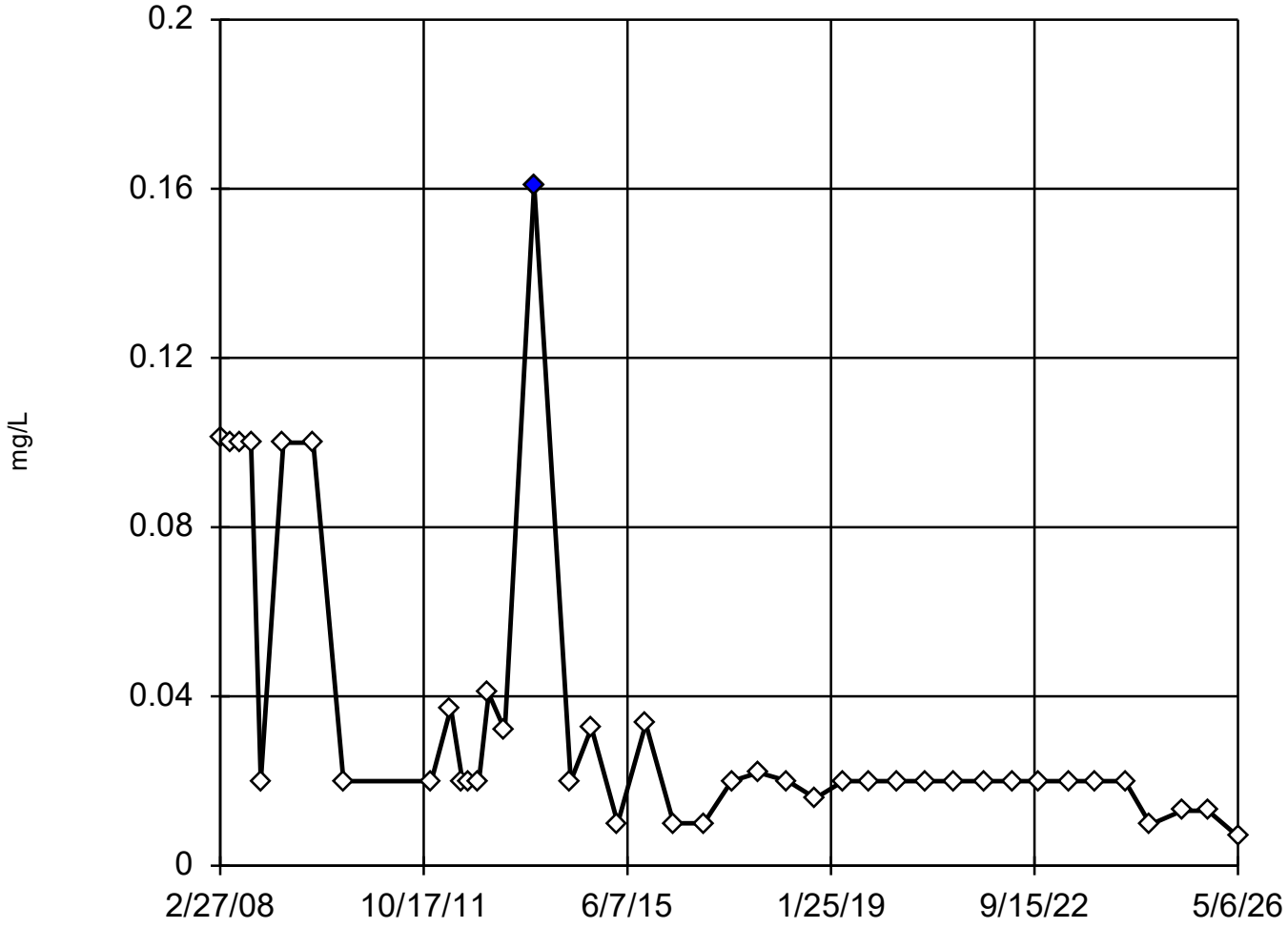
Constituent: Zinc Analysis Run 7/1/2026 1:41 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-31B



n = 41

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1491, low cutoff = 0.004433, based on IQR multiplier of 3.

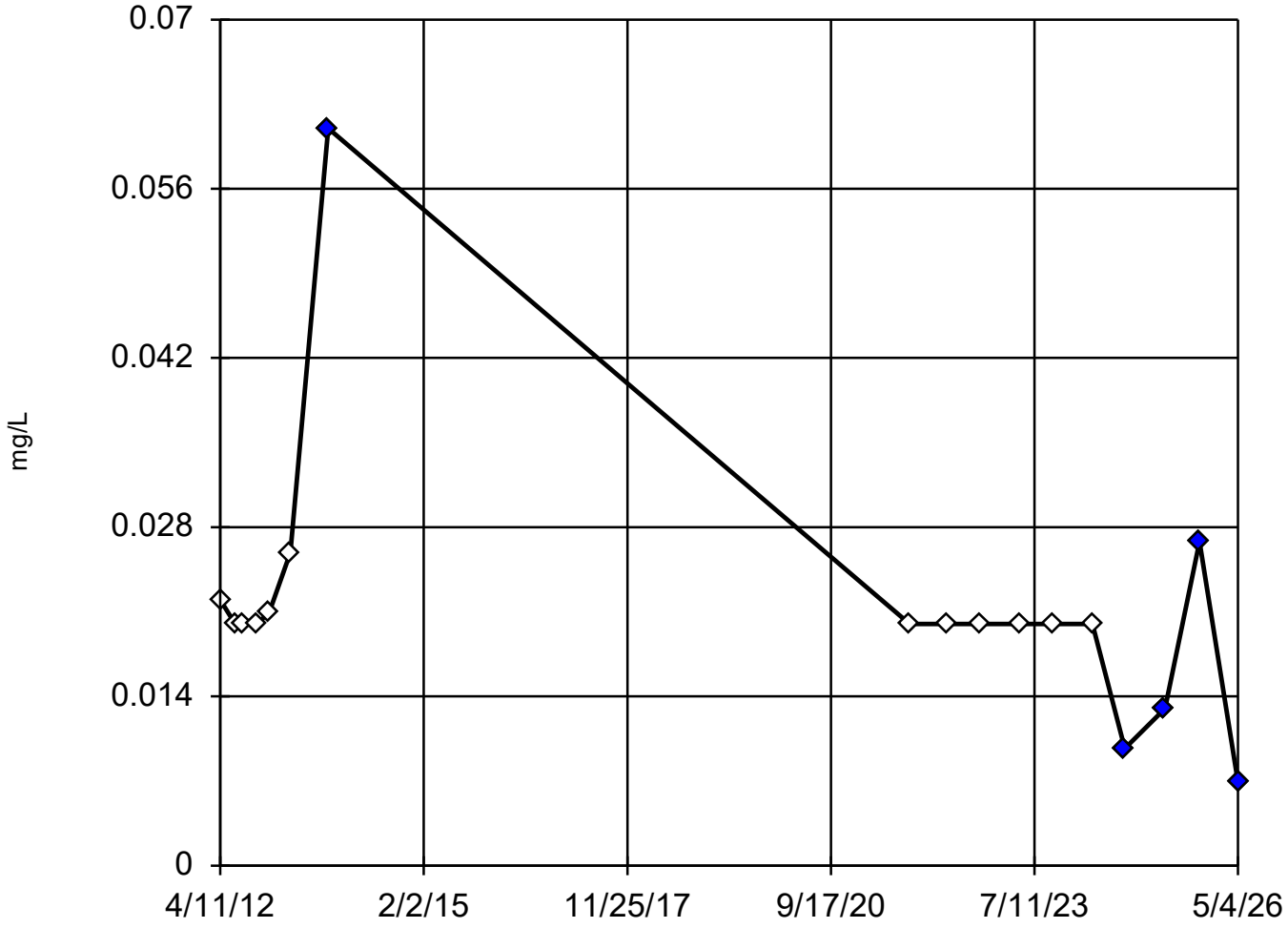
Constituent: Zinc Analysis Run 7/1/2026 1:41 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-312A



n = 17

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02643, low cutoff = 0.01623, based on IQR multiplier of 3.

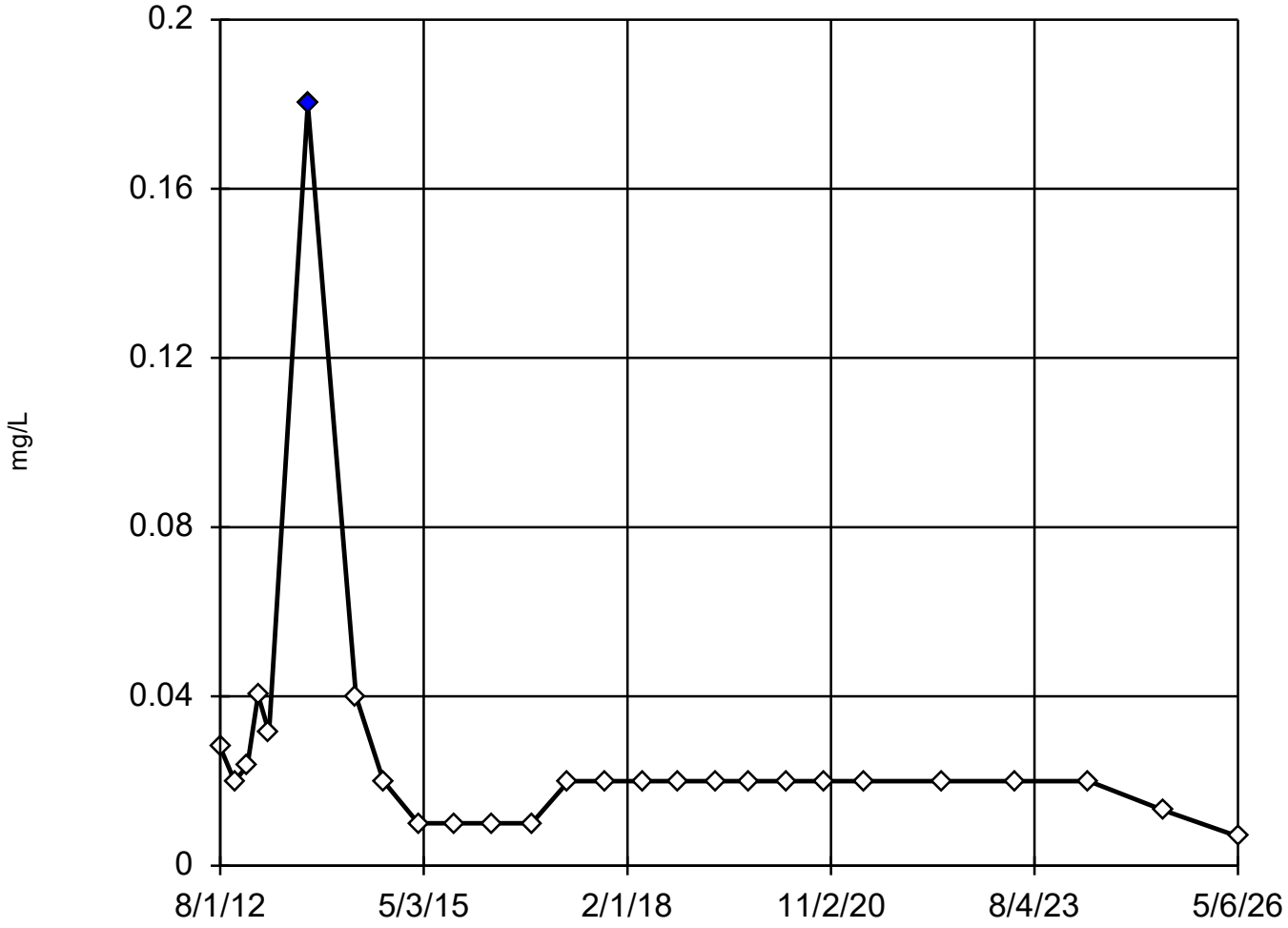
Constituent: Zinc Analysis Run 7/1/2026 1:41 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-38A (bg)



n = 26

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05314, low cutoff = 0.006592, based on IQR multiplier of 3.

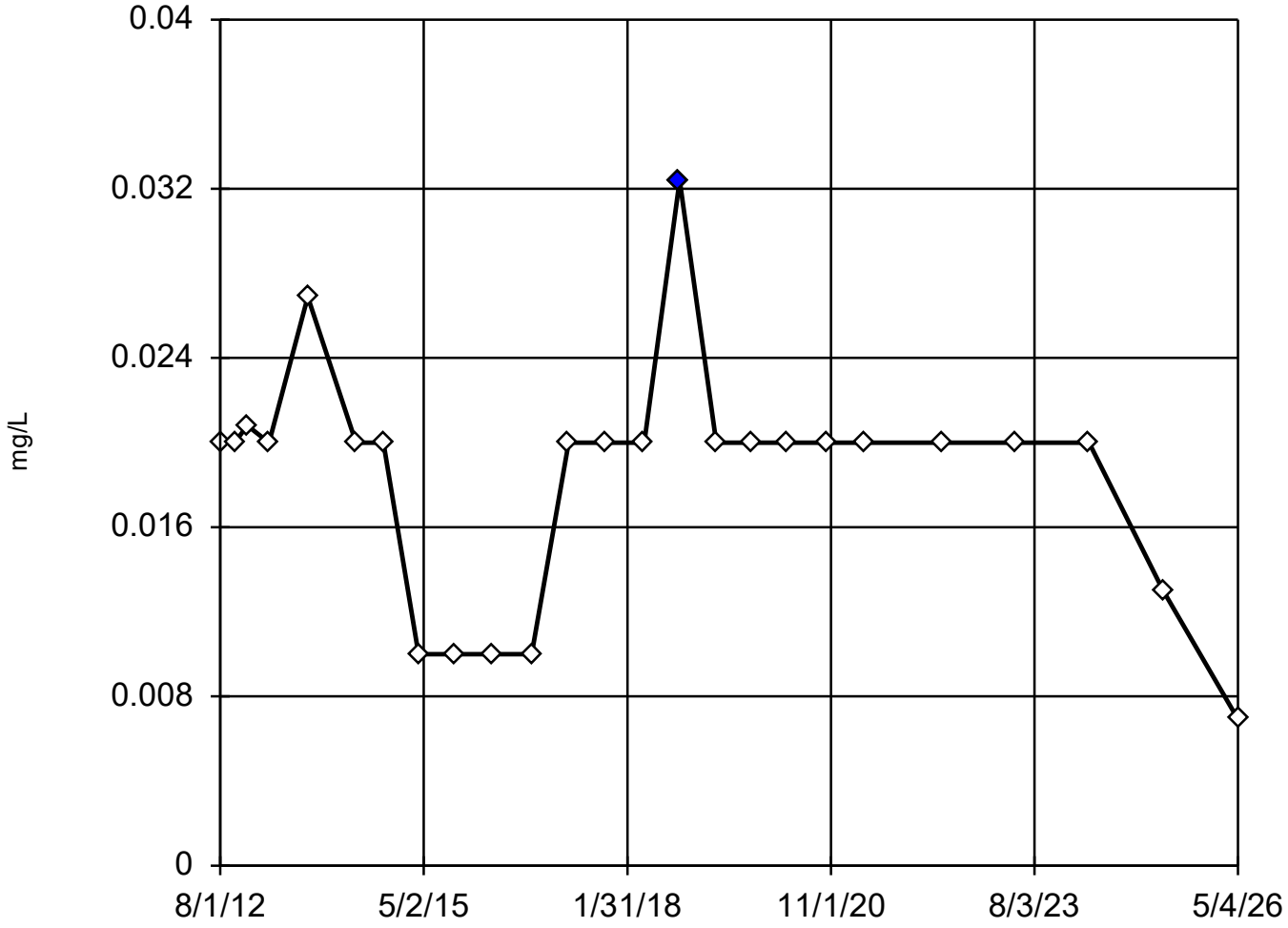
Constituent: Zinc Analysis Run 7/1/2026 1:41 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-39B (bg)



n = 25

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.0305, low cutoff = 0.006, based on IQR multiplier of 3.

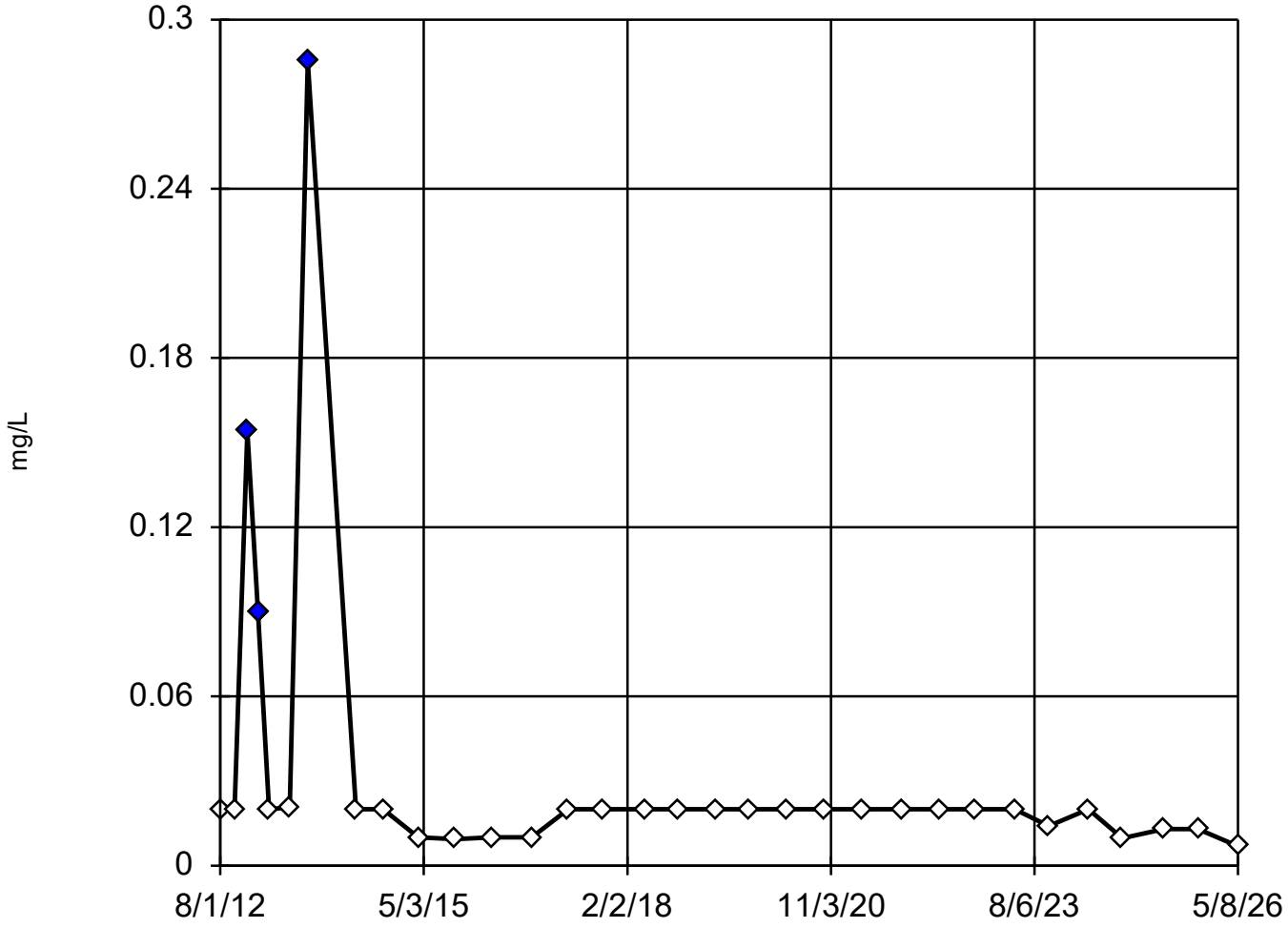
Constituent: Zinc Analysis Run 7/1/2026 1:41 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-217A



n = 32

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06516, low cutoff = 0.004141, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 7/1/2026 1:41 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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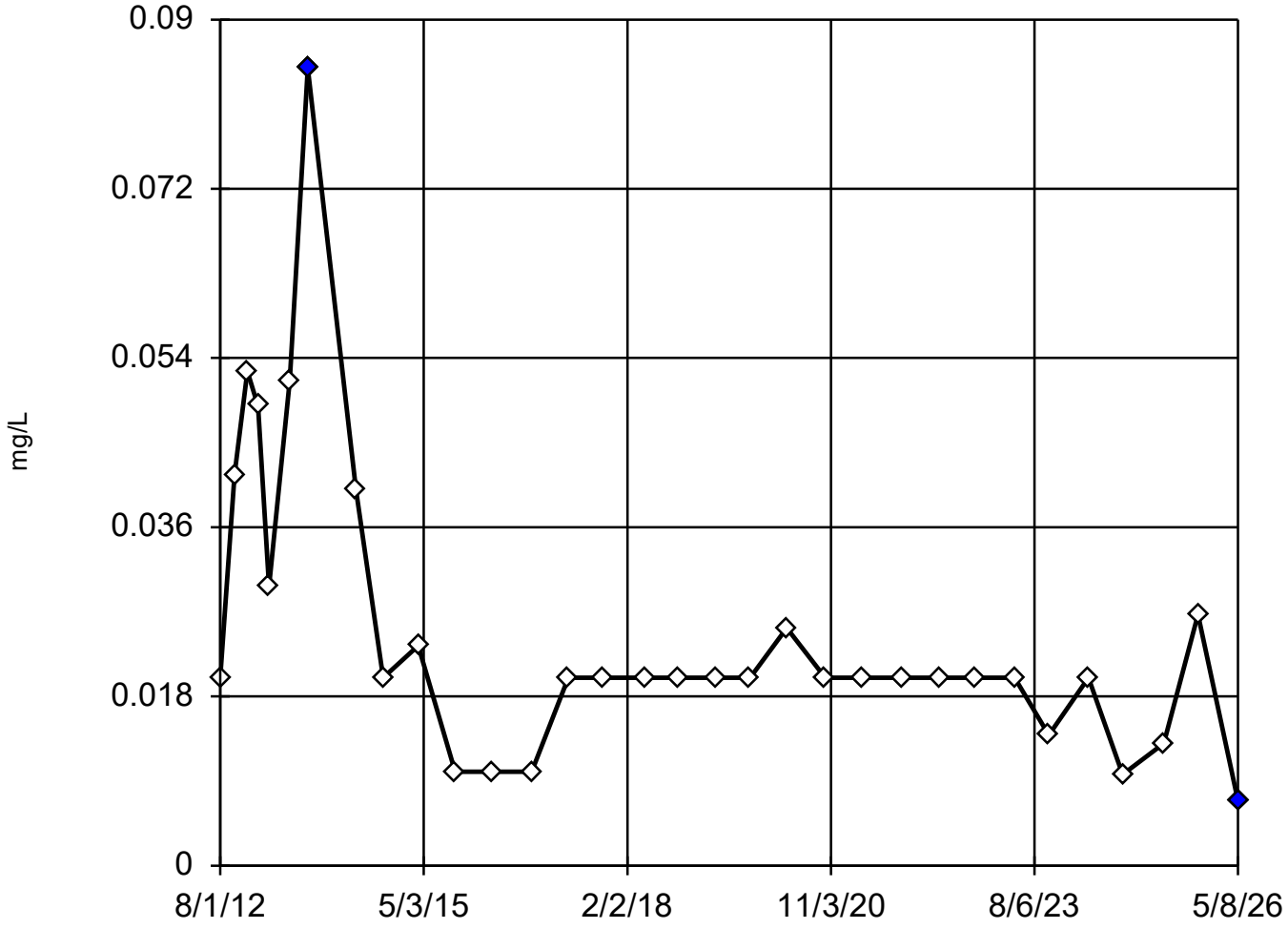
Tukey's Outlier Screening

MW-218A



n = 32

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05704, low cutoff = 0.009113, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 7/1/2026 1:42 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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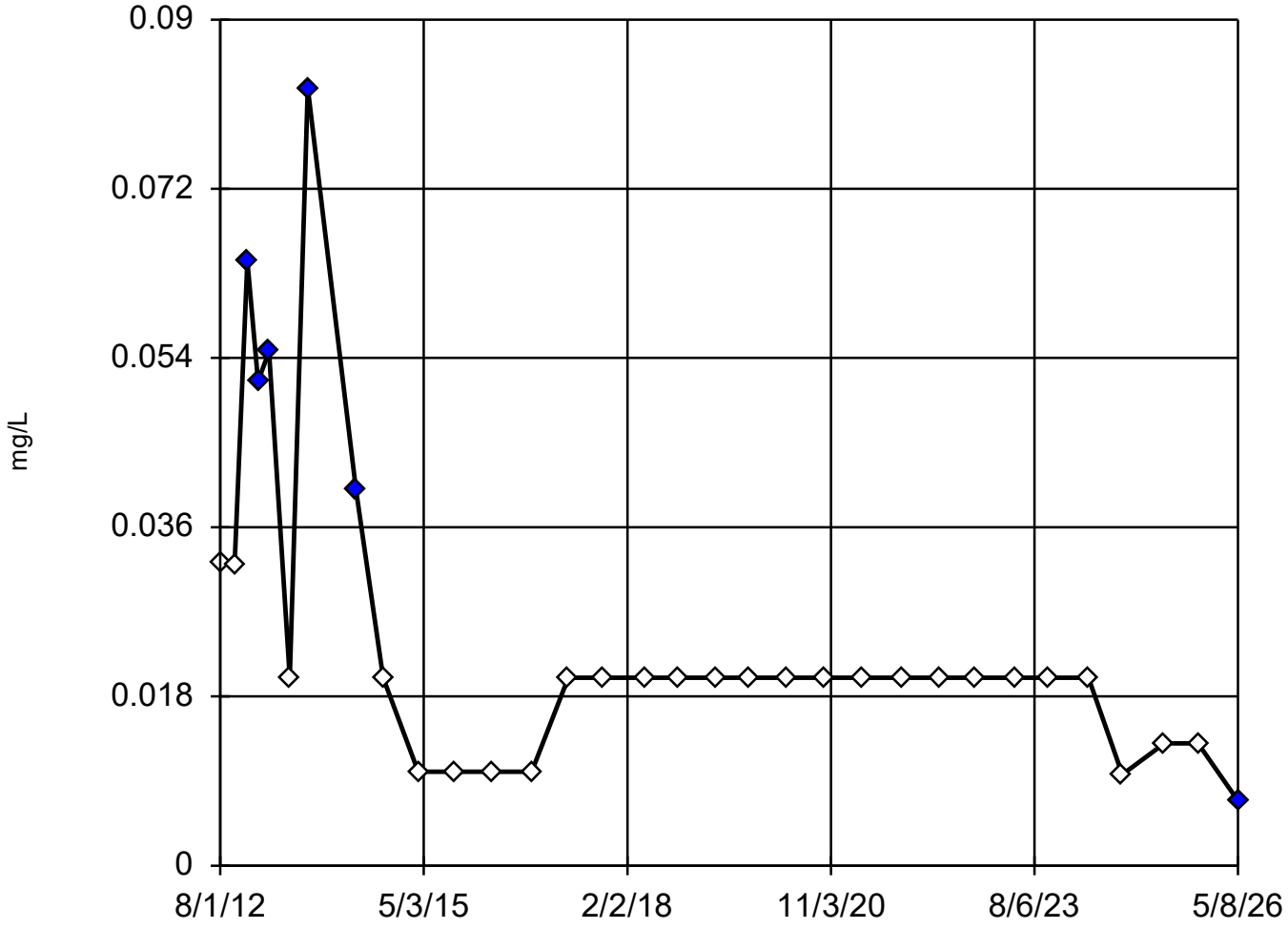
Tukey's Outlier Screening

MW-219A



n = 32

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03816, low cutoff = 0.00845, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 7/1/2026 1:42 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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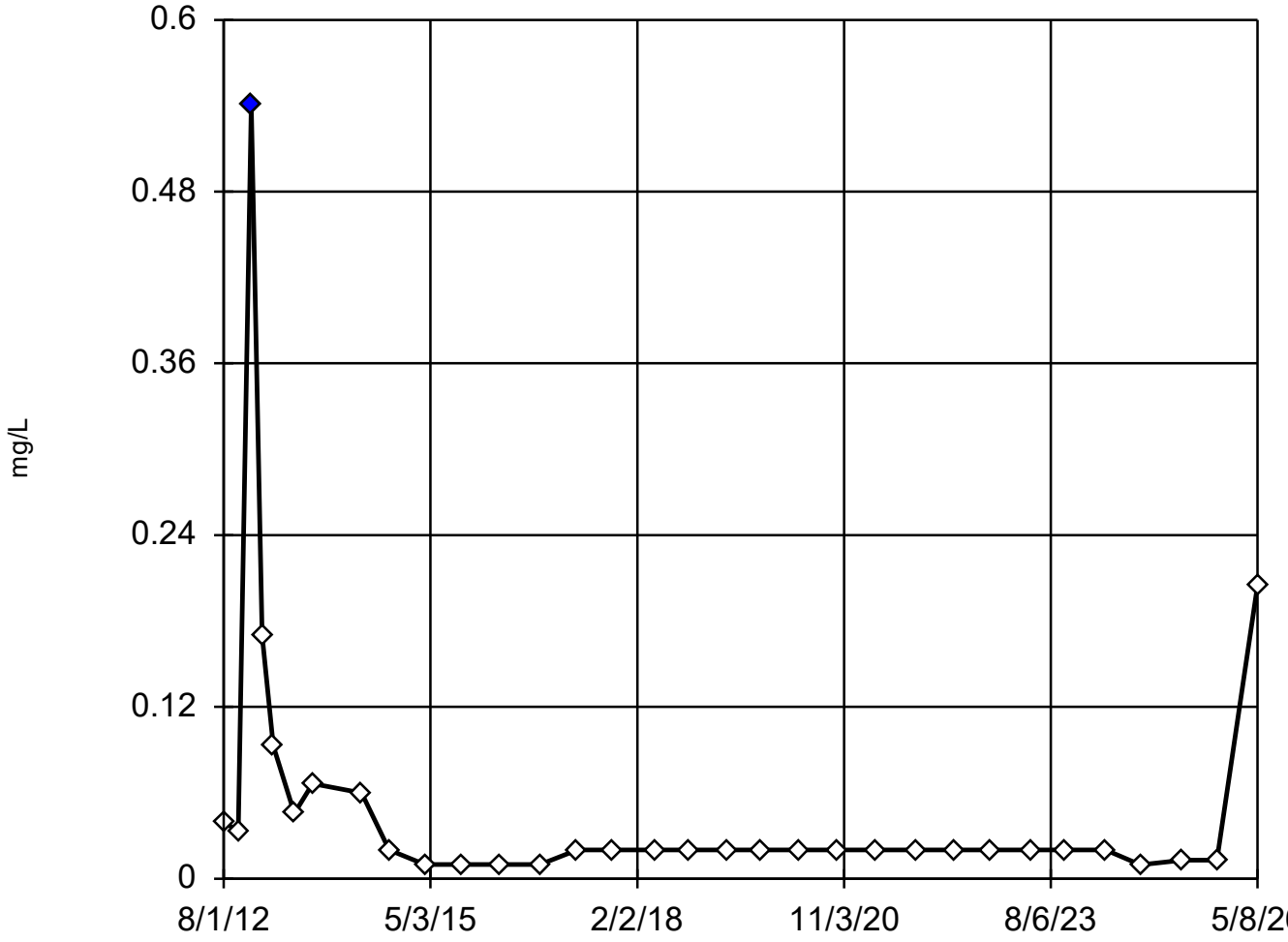
Tukey's Outlier Screening

MW-220A



n = 32

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.215, low cutoff = 0.003369, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 7/1/2026 1:42 AM View: 04_MW_Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:44 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Antimony (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	0.003755	0.002376	unknown	ShapiroWilk
Antimony (mg/L)	MW-1A	n/a	n/a	n/a	NP (nrm)	NaN	40	0.003177	0.002361	unknown	ShapiroWilk
Antimony (mg/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.003093	0.0023	unknown	ShapiroWilk
Antimony (mg/L)	MW-2A-97	n/a	n/a	n/a	NP (nrm)	NaN	40	0.003198	0.002346	unknown	ShapiroWilk
Antimony (mg/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	31	0.003829	0.002919	unknown	ShapiroWilk
Antimony (mg/L)	MW-6B	n/a	n/a	n/a	NP (nrm)	NaN	40	0.003584	0.002761	unknown	ShapiroWilk
Antimony (mg/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	31	0.003806	0.002386	unknown	ShapiroWilk
Antimony (mg/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	31	0.00433	0.003341	unknown	ShapiroWilk
Antimony (mg/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.003062	0.002191	unknown	ShapiroWilk
Antimony (mg/L)	MW-11B	n/a	n/a	n/a	NP (nrm)	NaN	40	0.003229	0.002342	unknown	ShapiroWilk
Antimony (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.003931	0.002374	unknown	ShapiroWilk
Antimony (mg/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	31	0.003903	0.002833	unknown	ShapiroWilk
Antimony (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.003464	0.003304	unknown	ShapiroWilk
Antimony (mg/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	30	0.003833	0.002854	unknown	ShapiroWilk
Antimony (mg/L)	MW-18A-07	n/a	n/a	n/a	NP (nrm)	NaN	32	0.003633	0.002872	unknown	ShapiroWilk
Antimony (mg/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.003767	0.002897	unknown	ShapiroWilk
Antimony (mg/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.003664	0.002944	unknown	ShapiroWilk
Antimony (mg/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	39	0.003562	0.003008	unknown	ShapiroWilk
Antimony (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.003835	0.002852	unknown	ShapiroWilk
Antimony (mg/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	41	0.003226	0.002403	unknown	ShapiroWilk
Antimony (mg/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	26	0.003237	0.002462	unknown	ShapiroWilk
Antimony (mg/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.003679	0.002894	unknown	ShapiroWilk
Antimony (mg/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.003667	0.002906	unknown	ShapiroWilk
Antimony (mg/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.003464	0.002442	unknown	ShapiroWilk
Antimony (mg/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.00349	0.002505	unknown	ShapiroWilk
Antimony (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	37	0.003171	0.003171	unknown	ShapiroWilk
Antimony (mg/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.003649	0.002926	unknown	ShapiroWilk
Antimony (mg/L)	MW-212A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.003187	0.002404	unknown	ShapiroWilk
Antimony (mg/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.003546	0.002963	unknown	ShapiroWilk
Antimony (mg/L)	MW-206A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.003129	0.002714	unknown	ShapiroWilk
Antimony (mg/L)	MW-207A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.003274	0.002678	unknown	ShapiroWilk
Antimony (mg/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.003526	0.00298	unknown	ShapiroWilk
Antimony (mg/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.00363	0.002884	unknown	ShapiroWilk
Antimony (mg/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.003984	0.00354	unknown	ShapiroWilk
Antimony (mg/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.00329	0.002787	unknown	ShapiroWilk
Antimony (mg/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.003967	0.003457	unknown	ShapiroWilk
Antimony (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.003694	0.002275	unknown	ShapiroWilk
Antimony (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.003408	0.00227	unknown	ShapiroWilk
Antimony (mg/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.002997	0.00283	unknown	ShapiroWilk
Antimony (mg/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	25	0.002544	0.002267	unknown	ShapiroWilk
Antimony (mg/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.003208	0.004328	unknown	ShapiroWilk
Antimony (mg/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.002644	0.00217	unknown	ShapiroWilk
Antimony (mg/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.00281	0.002683	unknown	ShapiroWilk
Antimony (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.00281	0.002683	unknown	ShapiroWilk
Antimony (mg/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.00281	0.002683	unknown	ShapiroWilk
Antimony (mg/L)	MW-18AR	n/a	n/a	n/a	NP (nrm)	NaN	7	0.001524	0.0005041	unknown	ShapiroWilk
Antimony (mg/L)	MW-408	No	n/a	n/a	NP (nrm)	NaN	10	0.001443	0.0006046	unknown	ShapiroWilk
Antimony (mg/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.001593	0.0005254	unknown	ShapiroWilk
Arsenic (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	42	0.001567	0.001106	unknown	ShapiroWilk
Arsenic (mg/L)	MW-1A	No	n/a	n/a	EPA 1989	0.05	41	0.04438	0.03008	ln(x)	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:44 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Arsenic (mg/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	37	0.001825	0.0009984	unknown	ShapiroWilk
Arsenic (mg/L)	MW-2A-97	No	n/a	n/a	EPA 1989	0.05	41	0.01126	0.008336	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-5B	No	n/a	n/a	EPA 1989	0.05	36	0.00152	0.000896	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-6B	No	n/a	n/a	Rosner`s	0.01	41	0.04404	0.01279	normal	ShapiroWilk
Arsenic (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	36	0.004851	0.002675	unknown	ShapiroWilk
Arsenic (mg/L)	**MW-8B**	**Yes**	**0.14**	**10/11/2012**	**Rosner`s**	**0.01**	**36**	**0.02911**	**0.02432**	**ln(x)**	**ShapiroWilk**
Arsenic (mg/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001608	0.000903	unknown	ShapiroWilk
Arsenic (mg/L)	MW-11B	No	n/a	n/a	EPA 1989	0.05	41	0.08897	0.03989	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	36	0.005874	0.004277	unknown	ShapiroWilk
Arsenic (mg/L)	MW-14B	No	n/a	n/a	EPA 1989	0.05	36	0.003077	0.001749	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.001454	0.0008382	unknown	ShapiroWilk
Arsenic (mg/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	33	0.001675	0.001034	unknown	ShapiroWilk
Arsenic (mg/L)	MW-18A-07	No	n/a	n/a	NP (nrm)	NaN	38	0.002443	0.002009	unknown	ShapiroWilk
Arsenic (mg/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	33	0.00206	0.001548	unknown	ShapiroWilk
Arsenic (mg/L)	MW-24A	No	n/a	n/a	EPA 1989	0.05	40	0.006153	0.006523	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.001937	0.001924	unknown	ShapiroWilk
Arsenic (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.001477	0.000843	unknown	ShapiroWilk
Arsenic (mg/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	41	0.001951	0.002007	unknown	ShapiroWilk
Arsenic (mg/L)	MW-201A	No	n/a	n/a	EPA 1989	0.05	39	0.00606	0.01002	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.002044	0.002105	unknown	ShapiroWilk
Arsenic (mg/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.001863	0.001618	unknown	ShapiroWilk
Arsenic (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	36	0.05093	0.03528	unknown	ShapiroWilk
Arsenic (mg/L)	MW-208B	No	n/a	n/a	EPA 1989	0.05	35	0.005456	0.00539	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	41	0.06055	0.03214	unknown	ShapiroWilk
Arsenic (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	36	0.003059	0.003887	unknown	ShapiroWilk
Arsenic (mg/L)	MW-212A	No	n/a	n/a	EPA 1989	0.05	40	0.01484	0.01745	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-215A	No	n/a	n/a	EPA 1989	0.05	33	0.002333	0.00141	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-206A	n/a	n/a	n/a	NP (nrm)	NaN	41	0.001908	0.001401	unknown	ShapiroWilk
Arsenic (mg/L)	**MW-207A**	**Yes**	**0.259**	**4/28/2025**	**Rosner`s**	**0.01**	**41**	**0.0683**	**0.03166**	**normal**	**ShapiroWilk**
Arsenic (mg/L)	MW-214A	No	n/a	n/a	EPA 1989	0.05	34	0.002589	0.002549	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.00285	0.004344	unknown	ShapiroWilk
Arsenic (mg/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	35	0.03366	0.03544	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-211B	No	n/a	n/a	NP (nrm)	NaN	38	0.00957	0.02296	unknown	ShapiroWilk
Arsenic (mg/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	35	0.003415	0.003927	unknown	ShapiroWilk
Arsenic (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001776	0.001032	unknown	ShapiroWilk
Arsenic (mg/L)	MW-312A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001412	0.001055	unknown	ShapiroWilk
Arsenic (mg/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.002335	0.004127	unknown	ShapiroWilk
Arsenic (mg/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	25	0.001788	0.0009758	unknown	ShapiroWilk
Arsenic (mg/L)	MW-216A	No	n/a	n/a	EPA 1989	0.05	32	0.003393	0.003775	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.002048	0.001626	unknown	ShapiroWilk
Arsenic (mg/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001665	0.0009704	unknown	ShapiroWilk
Arsenic (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001669	0.0009766	unknown	ShapiroWilk
Arsenic (mg/L)	MW-220A	No	n/a	n/a	NP (nrm)	NaN	32	0.002052	0.001674	unknown	ShapiroWilk
Arsenic (mg/L)	MW-18AR	No	n/a	n/a	EPA 1989	0.05	16	0.001712	0.001283	ln(x)	ShapiroWilk
Arsenic (mg/L)	MW-408	No	n/a	n/a	NP (nrm)	NaN	16	0.001976	0.001201	unknown	ShapiroWilk
Arsenic (mg/L)	MW-410	No	n/a	n/a	NP (nrm)	NaN	10	0.001629	0.001379	unknown	ShapiroWilk
Barium (mg/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	44	0.2136	0.06479	unknown	ShapiroWilk
Barium (mg/L)	**MW-1A**	**Yes**	**1.05,0....**	**2/27/2008...**	**NP (nrm)**	**NaN**	**42**	**0.4503**	**0.1658**	**unknown**	**ShapiroWilk**
Barium (mg/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	41	0.4694	0.1041	unknown	ShapiroWilk
Barium (mg/L)	**MW-2A-97**	**Yes**	**0.687**	**4/16/2019**	**Rosner`s**	**0.01**	**42**	**0.3438**	**0.08092**	**normal**	**ShapiroWilk**

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:44 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Barium (mg/L)	MW-5B	No	n/a	n/a	Rosner`s	0.01	37	0.1788	0.03908	normal	ShapiroWilk
Barium (mg/L)	MW-6B	No	n/a	n/a	EPA 1989	0.05	42	0.7335	0.1314	normal	ShapiroWilk
Barium (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	37	0.5371	0.09359	unknown	ShapiroWilk
Barium (mg/L)	**MW-8B**	**Yes**	**3.83**	**10/11/2012**	**Rosner`s**	**0.01**	**38**	**0.695**	**0.5829**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	MW-10B	No	n/a	n/a	EPA 1989	0.05	15	0.1337	0.01799	normal	ShapiroWilk
Barium (mg/L)	MW-11B	No	n/a	n/a	EPA 1989	0.05	42	0.4953	0.09724	normal	ShapiroWilk
Barium (mg/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	35	0.5785	0.2243	unknown	ShapiroWilk
Barium (mg/L)	MW-14B	No	n/a	n/a	EPA 1989	0.05	37	0.4346	0.06035	normal	ShapiroWilk
Barium (mg/L)	MW-16A	No	n/a	n/a	EPA 1989	0.05	42	0.4939	0.06844	ln(x)	ShapiroWilk
Barium (mg/L)	**MW-17A-00**	**Yes**	**0.16**	**7/7/2009**	**Rosner`s**	**0.01**	**37**	**0.4522**	**0.07215**	**normal**	**ShapiroWilk**
Barium (mg/L)	MW-18A-07	No	n/a	n/a	EPA 1989	0.05	35	1.015	0.1618	normal	ShapiroWilk
Barium (mg/L)	**MW-23A**	**Yes**	**0.625,0...**	**5/10/2010...**	**Rosner`s**	**0.01**	**37**	**0.329**	**0.06196**	**normal**	**ShapiroWilk**
Barium (mg/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	40	0.3603	0.07789	unknown	ShapiroWilk
Barium (mg/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	42	0.143	0.05416	unknown	ShapiroWilk
Barium (mg/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	42	0.1496	0.05892	unknown	ShapiroWilk
Barium (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	44	0.3608	0.1233	unknown	ShapiroWilk
Barium (mg/L)	MW-201A	No	n/a	n/a	EPA 1989	0.05	39	0.429	0.2472	ln(x)	ShapiroWilk
Barium (mg/L)	MW-202A	No	n/a	n/a	EPA 1989	0.05	36	0.3565	0.06118	normal	ShapiroWilk
Barium (mg/L)	MW-203A	No	n/a	n/a	EPA 1989	0.05	36	0.3107	0.04231	normal	ShapiroWilk
Barium (mg/L)	MW-204A	No	n/a	n/a	Rosner`s	0.01	36	0.1691	0.02431	normal	ShapiroWilk
Barium (mg/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	35	0.6142	0.2593	unknown	ShapiroWilk
Barium (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	41	0.9333	0.4222	unknown	ShapiroWilk
Barium (mg/L)	**MW-210B**	**Yes**	**0.665**	**4/13/2021**	**NP (nrm)**	**NaN**	**36**	**0.2838**	**0.09458**	**unknown**	**ShapiroWilk**
Barium (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	40	0.5861	0.4222	unknown	ShapiroWilk
Barium (mg/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	33	0.1927	0.1033	unknown	ShapiroWilk
Barium (mg/L)	MW-206A	No	n/a	n/a	EPA 1989	0.05	41	0.2875	0.1044	normal	ShapiroWilk
Barium (mg/L)	**MW-207A**	**Yes**	**1.96**	**4/28/2025**	**Rosner`s**	**0.01**	**41**	**0.4881**	**0.243**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	**MW-214A**	**Yes**	**0.0572,...**	**10/17/201...**	**NP (nrm)**	**NaN**	**34**	**0.2828**	**0.07381**	**unknown**	**ShapiroWilk**
Barium (mg/L)	MW-200A	No	n/a	n/a	EPA 1989	0.05	39	0.7662	0.2363	normal	ShapiroWilk
Barium (mg/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	35	0.4183	0.1771	ln(x)	ShapiroWilk
Barium (mg/L)	**MW-211B**	**Yes**	**2.72**	**4/28/2025**	**Rosner`s**	**0.01**	**38**	**0.6018**	**0.4035**	**normal**	**ShapiroWilk**
Barium (mg/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	35	0.2527	0.1683	unknown	ShapiroWilk
Barium (mg/L)	MW-310A	No	n/a	n/a	EPA 1989	0.05	20	0.09791	0.03876	ln(x)	ShapiroWilk
Barium (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.1812	0.03299	unknown	ShapiroWilk
Barium (mg/L)	**MW-38A (bg)**	**Yes**	**0.806**	**10/7/2013**	**Rosner`s**	**0.01**	**26**	**0.2983**	**0.1173**	**normal**	**ShapiroWilk**
Barium (mg/L)	**MW-39B (bg)**	**Yes**	**0.31,0.247**	**8/1/2012,...**	**Rosner`s**	**0.01**	**25**	**0.1734**	**0.03708**	**normal**	**ShapiroWilk**
Barium (mg/L)	**MW-216A**	**Yes**	**0.893,0...**	**10/11/201...**	**NP (nrm)**	**NaN**	**32**	**0.3461**	**0.2991**	**unknown**	**ShapiroWilk**
Barium (mg/L)	**MW-217A**	**Yes**	**1.82,0....**	**10/7/2013...**	**Rosner`s**	**0.01**	**32**	**0.1718**	**0.3176**	**normal**	**ShapiroWilk**
Barium (mg/L)	MW-218A	No	n/a	n/a	EPA 1989	0.05	32	0.2423	0.02894	normal	ShapiroWilk
Barium (mg/L)	MW-219A	No	n/a	n/a	NP (nrm)	NaN	32	0.5188	0.1277	unknown	ShapiroWilk
Barium (mg/L)	**MW-220A**	**Yes**	**1.85,1....**	**12/13/201...**	**Rosner`s**	**0.01**	**32**	**0.3866**	**0.3309**	**normal**	**ShapiroWilk**
Barium (mg/L)	MW-18AR	No	n/a	n/a	EPA 1989	0.05	16	0.7335	0.1612	normal	ShapiroWilk
Barium (mg/L)	MW-408	No	n/a	n/a	EPA 1989	0.05	10	0.1774	0.01202	normal	ShapiroWilk
Barium (mg/L)	MW-410	No	n/a	n/a	EPA 1989	0.05	10	0.09699	0.008451	normal	ShapiroWilk
Beryllium (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	44	0.001092	0.0006652	unknown	ShapiroWilk
Beryllium (mg/L)	MW-1A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001271	0.001009	unknown	ShapiroWilk
Beryllium (mg/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.001124	0.0008931	unknown	ShapiroWilk
Beryllium (mg/L)	MW-2A-97	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001197	0.000996	unknown	ShapiroWilk
Beryllium (mg/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001027	0.0006062	unknown	ShapiroWilk
Beryllium (mg/L)	MW-6B	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001221	0.0009785	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:44 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Beryllium (mg/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001177	0.0007887	unknown	ShapiroWilk
Beryllium (mg/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	33	0.001112	0.0006609	unknown	ShapiroWilk
Beryllium (mg/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.001415	0.001372	unknown	ShapiroWilk
Beryllium (mg/L)	MW-11B	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001186	0.001	unknown	ShapiroWilk
Beryllium (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001193	0.0008009	unknown	ShapiroWilk
Beryllium (mg/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001058	0.0005786	unknown	ShapiroWilk
Beryllium (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001221	0.0009785	unknown	ShapiroWilk
Beryllium (mg/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001058	0.0005786	unknown	ShapiroWilk
Beryllium (mg/L)	MW-18A-07	n/a	n/a	n/a	NP (nrm)	NaN	32	0.000987	0.0006049	unknown	ShapiroWilk
Beryllium (mg/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001118	0.000601	unknown	ShapiroWilk
Beryllium (mg/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.000...	0.0006371	unknown	ShapiroWilk
Beryllium (mg/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001216	0.0009835	unknown	ShapiroWilk
Beryllium (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001058	0.0005786	unknown	ShapiroWilk
Beryllium (mg/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	41	0.001122	0.0008789	unknown	ShapiroWilk
Beryllium (mg/L)	**MW-201A**	**Yes**	**0.00033**	**5/6/2025**	**NP (nrm)**	**NaN**	**30**	**0.001338**	**0.0008225**	**unknown**	**ShapiroWilk**
Beryllium (mg/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001062	0.0005994	unknown	ShapiroWilk
Beryllium (mg/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001062	0.0005994	unknown	ShapiroWilk
Beryllium (mg/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001062	0.0005994	unknown	ShapiroWilk
Beryllium (mg/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.001086	0.0005964	unknown	ShapiroWilk
Beryllium (mg/L)	MW-209B	n/a	n/a	n/a	NP (nrm)	NaN	37	0.001246	0.0009964	unknown	ShapiroWilk
Beryllium (mg/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001034	0.0006202	unknown	ShapiroWilk
Beryllium (mg/L)	MW-212A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.00113	0.0009022	unknown	ShapiroWilk
Beryllium (mg/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.001064	0.0006107	unknown	ShapiroWilk
Beryllium (mg/L)	MW-206A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.001128	0.0009052	unknown	ShapiroWilk
Beryllium (mg/L)	MW-207A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.001269	0.0009943	unknown	ShapiroWilk
Beryllium (mg/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001038	0.0006799	unknown	ShapiroWilk
Beryllium (mg/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001596	0.002279	unknown	ShapiroWilk
Beryllium (mg/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001104	0.0008637	unknown	ShapiroWilk
Beryllium (mg/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.001325	0.001037	unknown	ShapiroWilk
Beryllium (mg/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001179	0.0008192	unknown	ShapiroWilk
Beryllium (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001328	0.001222	unknown	ShapiroWilk
Beryllium (mg/L)	MW-312A	n/a	n/a	n/a	NP (nrm)	NaN	17	0.001143	0.001124	unknown	ShapiroWilk
Beryllium (mg/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.001164	0.0008856	unknown	ShapiroWilk
Beryllium (mg/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	25	0.001168	0.0008769	unknown	ShapiroWilk
Beryllium (mg/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	0.002042	0.002232	unknown	ShapiroWilk
Beryllium (mg/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001396	0.001257	unknown	ShapiroWilk
Beryllium (mg/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001288	0.001067	unknown	ShapiroWilk
Beryllium (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001261	0.001085	unknown	ShapiroWilk
Beryllium (mg/L)	**MW-220A**	**Yes**	**0.00298...**	**12/13/201...**	**NP (nrm)**	**NaN**	**32**	**0.001532**	**0.001333**	**unknown**	**ShapiroWilk**
Beryllium (mg/L)	MW-18AR	n/a	n/a	n/a	NP (nrm)	NaN	7	0.002286	0.001604	unknown	ShapiroWilk
Beryllium (mg/L)	MW-408	No	n/a	n/a	EPA 1989	0.05	10	0.001233	0.001498	ln(x)	ShapiroWilk
Beryllium (mg/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.001623	0.001668	unknown	ShapiroWilk
Cadmium (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	38	0.000...	0.000939	unknown	ShapiroWilk
Cadmium (mg/L)	MW-1A	No	n/a	n/a	NP (nrm)	NaN	38	0.000752	0.0007949	unknown	ShapiroWilk
Cadmium (mg/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	37	0.000726	0.0008174	unknown	ShapiroWilk
Cadmium (mg/L)	MW-2A-97	No	n/a	n/a	NP (nrm)	NaN	38	0.000...	0.0008123	unknown	ShapiroWilk
Cadmium (mg/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	29	0.000...	0.0008936	unknown	ShapiroWilk
Cadmium (mg/L)	MW-6B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.000...	0.0007945	unknown	ShapiroWilk
Cadmium (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	29	0.000...	0.0008852	unknown	ShapiroWilk
Cadmium (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	29	0.000...	0.0008915	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Cadmium (mg/L)	MW-10B	No	n/a	n/a	NP (nrm)	NaN	15	0.000...	0.001023	unknown	ShapiroWilk
Cadmium (mg/L)	MW-11B	No	n/a	n/a	NP (nrm)	NaN	38	0.000...	0.0008056	unknown	ShapiroWilk
Cadmium (mg/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	27	0.000...	0.0009398	unknown	ShapiroWilk
Cadmium (mg/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	29	0.000773	0.0009215	unknown	ShapiroWilk
Cadmium (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.000...	0.0008089	unknown	ShapiroWilk
Cadmium (mg/L)	**MW-17A-00**	**Yes**	**0.0025,...**	**2/27/2008...**	**NP (nrm)**	**NaN**	**29**	**0.000...**	**0.0008632**	**unknown**	**ShapiroWilk**
Cadmium (mg/L)	MW-18A-07	n/a	n/a	n/a	NP (nrm)	NaN	31	0.000...	0.00085	unknown	ShapiroWilk
Cadmium (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	29	0.000...	0.0008714	unknown	ShapiroWilk
Cadmium (mg/L)	**MW-24A**	**Yes**	**0.0025,...**	**2/27/2008...**	**NP (nrm)**	**NaN**	**29**	**0.000...**	**0.0008715**	**unknown**	**ShapiroWilk**
Cadmium (mg/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	38	0.000...	0.0007882	unknown	ShapiroWilk
Cadmium (mg/L)	**MW-29A**	**Yes**	**0.0025,...**	**2/27/2008...**	**NP (nrm)**	**NaN**	**29**	**0.000...**	**0.0008852**	**unknown**	**ShapiroWilk**
Cadmium (mg/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	41	0.000699	0.0007782	unknown	ShapiroWilk
Cadmium (mg/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.000...	0.0009377	unknown	ShapiroWilk
Cadmium (mg/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	29	0.000...	0.0009115	unknown	ShapiroWilk
Cadmium (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	29	0.000...	0.0009233	unknown	ShapiroWilk
Cadmium (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	29	0.000...	0.0009351	unknown	ShapiroWilk
Cadmium (mg/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	31	0.000...	0.001005	unknown	ShapiroWilk
Cadmium (mg/L)	MW-209B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.000...	0.0008403	unknown	ShapiroWilk
Cadmium (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	32	0.001283	0.0008335	unknown	ShapiroWilk
Cadmium (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	38	0.000...	0.0009729	unknown	ShapiroWilk
Cadmium (mg/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.000...	0.0008542	unknown	ShapiroWilk
Cadmium (mg/L)	MW-206A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.000786	0.0008479	unknown	ShapiroWilk
Cadmium (mg/L)	MW-207A	No	n/a	n/a	NP (nrm)	NaN	38	0.000...	0.0008378	unknown	ShapiroWilk
Cadmium (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	28	0.000...	0.0009293	unknown	ShapiroWilk
Cadmium (mg/L)	**MW-200A**	**Yes**	**0.0025,...**	**3/3/2010,...**	**NP (nrm)**	**NaN**	**29**	**0.000...**	**0.0007948**	**unknown**	**ShapiroWilk**
Cadmium (mg/L)	**MW-205A**	**Yes**	**0.0025,...**	**3/3/2010,...**	**NP (nrm)**	**NaN**	**30**	**0.000...**	**0.0007949**	**unknown**	**ShapiroWilk**
Cadmium (mg/L)	MW-211B	No	n/a	n/a	NP (nrm)	NaN	37	0.000...	0.0009791	unknown	ShapiroWilk
Cadmium (mg/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	30	0.000...	0.0008288	unknown	ShapiroWilk
Cadmium (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.000...	0.0005333	unknown	ShapiroWilk
Cadmium (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.000...	0.0002323	unknown	ShapiroWilk
Cadmium (mg/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.000473	0.0003228	unknown	ShapiroWilk
Cadmium (mg/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	25	0.000...	0.0001904	unknown	ShapiroWilk
Cadmium (mg/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	0.000...	0.0003748	unknown	ShapiroWilk
Cadmium (mg/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.000...	0.0003301	unknown	ShapiroWilk
Cadmium (mg/L)	MW-218A	No	n/a	n/a	NP (nrm)	NaN	32	0.000...	0.000225	unknown	ShapiroWilk
Cadmium (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.000...	0.000224	unknown	ShapiroWilk
Cadmium (mg/L)	MW-220A	No	n/a	n/a	NP (nrm)	NaN	32	0.000...	0.000552	unknown	ShapiroWilk
Cadmium (mg/L)	MW-18AR	n/a	n/a	n/a	NP (nrm)	NaN	7	0.000392	0.0003822	unknown	ShapiroWilk
Cadmium (mg/L)	MW-408	No	n/a	n/a	EPA 1989	0.05	10	0.000...	0.0002118	ln(x)	ShapiroWilk
Cadmium (mg/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.000...	0.0003155	unknown	ShapiroWilk
Chromium (mg/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	34	0.03116	0.03932	unknown	ShapiroWilk
Chromium (mg/L)	MW-1A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.02347	0.03421	unknown	ShapiroWilk
Chromium (mg/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	37	0.0234	0.03477	unknown	ShapiroWilk
Chromium (mg/L)	MW-2A-97	n/a	n/a	n/a	NP (nrm)	NaN	38	0.02359	0.03414	unknown	ShapiroWilk
Chromium (mg/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.02865	0.03781	unknown	ShapiroWilk
Chromium (mg/L)	MW-6B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.02383	0.0341	unknown	ShapiroWilk
Chromium (mg/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	29	0.02982	0.03711	unknown	ShapiroWilk
Chromium (mg/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.02916	0.03745	unknown	ShapiroWilk
Chromium (mg/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.03139	0.04305	unknown	ShapiroWilk
Chromium (mg/L)	MW-11B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.02346	0.03422	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Chromium (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.03128	0.038	unknown	ShapiroWilk
Chromium (mg/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.02925	0.03739	unknown	ShapiroWilk
Chromium (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.0237	0.03407	unknown	ShapiroWilk
Chromium (mg/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	29	0.02937	0.03868	unknown	ShapiroWilk
Chromium (mg/L)	MW-18A-07	n/a	n/a	n/a	NP (nrm)	NaN	31	0.02751	0.03675	unknown	ShapiroWilk
Chromium (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	29	0.0286	0.03834	unknown	ShapiroWilk
Chromium (mg/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.0293	0.03735	unknown	ShapiroWilk
Chromium (mg/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	38	0.02237	0.03494	unknown	ShapiroWilk
Chromium (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.0293	0.03735	unknown	ShapiroWilk
Chromium (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	41	0.02255	0.0333	unknown	ShapiroWilk
Chromium (mg/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.04692	0.08524	unknown	ShapiroWilk
Chromium (mg/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	29	0.03047	0.04067	unknown	ShapiroWilk
Chromium (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	29	0.03175	0.04022	unknown	ShapiroWilk
Chromium (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	29	0.03179	0.03974	unknown	ShapiroWilk
Chromium (mg/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	28	0.03244	0.04023	unknown	ShapiroWilk
Chromium (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	38	0.02394	0.03733	unknown	ShapiroWilk
Chromium (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	29	0.03206	0.03953	unknown	ShapiroWilk
Chromium (mg/L)	MW-212A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.02588	0.0363	unknown	ShapiroWilk
Chromium (mg/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.02634	0.03653	unknown	ShapiroWilk
Chromium (mg/L)	MW-206A	No	n/a	n/a	NP (nrm)	NaN	38	0.02447	0.03703	unknown	ShapiroWilk
Chromium (mg/L)	MW-207A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.02581	0.03624	unknown	ShapiroWilk
Chromium (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	28	0.02902	0.03842	unknown	ShapiroWilk
Chromium (mg/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.05378	0.1659	unknown	ShapiroWilk
Chromium (mg/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.02527	0.03481	unknown	ShapiroWilk
Chromium (mg/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	37	0.0232	0.03284	unknown	ShapiroWilk
Chromium (mg/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.0259	0.03439	unknown	ShapiroWilk
Chromium (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.0161	0.0218	unknown	ShapiroWilk
Chromium (mg/L)	MW-312A	n/a	n/a	n/a	NP (nrm)	NaN	17	0.01187	0.008286	unknown	ShapiroWilk
Chromium (mg/L)	MW-38A (bg)	No	n/a	n/a	NP (nrm)	NaN	26	0.01074	0.01374	unknown	ShapiroWilk
Chromium (mg/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	25	0.00947	0.007263	unknown	ShapiroWilk
Chromium (mg/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.009011	0.008798	unknown	ShapiroWilk
Chromium (mg/L)	MW-217A	No	n/a	n/a	NP (nrm)	NaN	32	0.008286	0.01338	unknown	ShapiroWilk
Chromium (mg/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.009424	0.009	unknown	ShapiroWilk
Chromium (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.009779	0.008762	unknown	ShapiroWilk
Chromium (mg/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.01588	0.04184	unknown	ShapiroWilk
Chromium (mg/L)	MW-18AR	n/a	n/a	n/a	NP (nrm)	NaN	7	0.006286	0.001604	unknown	ShapiroWilk
Chromium (mg/L)	MW-408	No	n/a	n/a	NP (nrm)	NaN	10	0.004459	0.002827	unknown	ShapiroWilk
Chromium (mg/L)	MW-410	No	n/a	n/a	NP (nrm)	NaN	10	0.004494	0.002872	unknown	ShapiroWilk
Cobalt (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	44	0.01037	0.009429	unknown	ShapiroWilk
Cobalt (mg/L)	MW-1A	No	n/a	n/a	NP (nrm)	NaN	39	0.008499	0.008164	unknown	ShapiroWilk
Cobalt (mg/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	38	0.005927	0.008623	unknown	ShapiroWilk
Cobalt (mg/L)	MW-2A-97	No	n/a	n/a	NP (nrm)	NaN	43	0.02184	0.004725	unknown	ShapiroWilk
Cobalt (mg/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	34	0.00676	0.00823	unknown	ShapiroWilk
Cobalt (mg/L)	MW-6B	No	n/a	n/a	NP (nrm)	NaN	42	0.04421	0.02262	unknown	ShapiroWilk
Cobalt (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	35	0.00573	0.008044	unknown	ShapiroWilk
Cobalt (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	35	0.006787	0.007601	unknown	ShapiroWilk
Cobalt (mg/L)	MW-10B	No	n/a	n/a	NP (nrm)	NaN	15	0.006974	0.00954	unknown	ShapiroWilk
Cobalt (mg/L)	MW-11B	No	n/a	n/a	NP (nrm)	NaN	39	0.006301	0.006831	unknown	ShapiroWilk
Cobalt (mg/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	32	0.007964	0.007416	unknown	ShapiroWilk
Cobalt (mg/L)	**MW-14B**	**Yes**	**0.00118...**	**4/29/2024...**	**NP (nrm)**	**NaN**	**34**	**0.008816**	**0.006065**	**unknown**	**ShapiroWilk**

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:45 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Cobalt (mg/L)	MW-16A	No	n/a	n/a	NP (nrm)	NaN	39	0.007661	0.008505	unknown	ShapiroWilk
Cobalt (mg/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	34	0.008364	0.01267	unknown	ShapiroWilk
Cobalt (mg/L)	MW-18A-07	No	n/a	n/a	NP (nrm)	NaN	39	0.008603	0.007961	unknown	ShapiroWilk
Cobalt (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	34	0.006923	0.008756	unknown	ShapiroWilk
Cobalt (mg/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	37	0.01123	0.00494	unknown	ShapiroWilk
Cobalt (mg/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	39	0.006398	0.008728	unknown	ShapiroWilk
Cobalt (mg/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	39	0.00715	0.008416	unknown	ShapiroWilk
Cobalt (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	41	0.006994	0.008328	unknown	ShapiroWilk
Cobalt (mg/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.006415	0.008292	unknown	ShapiroWilk
Cobalt (mg/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.006901	0.009056	unknown	ShapiroWilk
Cobalt (mg/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.00671	0.008724	unknown	ShapiroWilk
Cobalt (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	36	0.004958	0.006361	unknown	ShapiroWilk
Cobalt (mg/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	35	0.01421	0.00732	unknown	ShapiroWilk
Cobalt (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	41	0.006636	0.007743	unknown	ShapiroWilk
Cobalt (mg/L)	**MW-210B**	**Yes**	**0.02,0....**	**7/7/2009,...**	**NP (nrm)**	**NaN**	**36**	**0.00764**	**0.005192**	**unknown**	**ShapiroWilk**
Cobalt (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	40	0.02046	0.03242	unknown	ShapiroWilk
Cobalt (mg/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	33	0.005435	0.00777	unknown	ShapiroWilk
Cobalt (mg/L)	MW-206A	n/a	n/a	n/a	NP (nrm)	NaN	41	0.006615	0.008843	unknown	ShapiroWilk
Cobalt (mg/L)	MW-207A	No	n/a	n/a	NP (nrm)	NaN	41	0.006899	0.008602	unknown	ShapiroWilk
Cobalt (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	34	0.006992	0.008645	unknown	ShapiroWilk
Cobalt (mg/L)	MW-200A	No	n/a	n/a	NP (nrm)	NaN	39	0.006305	0.01551	unknown	ShapiroWilk
Cobalt (mg/L)	MW-205A	No	n/a	n/a	NP (nrm)	NaN	35	0.005686	0.008054	unknown	ShapiroWilk
Cobalt (mg/L)	MW-211B	No	n/a	n/a	EPA 1989	0.05	38	0.04022	0.03939	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	35	0.01152	0.008293	unknown	ShapiroWilk
Cobalt (mg/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	33	0.00443	0.007632	unknown	ShapiroWilk
Cobalt (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.005751	0.008308	unknown	ShapiroWilk
Cobalt (mg/L)	MW-38A (bg)	No	n/a	n/a	NP (nrm)	NaN	26	0.002935	0.005509	unknown	ShapiroWilk
Cobalt (mg/L)	MW-39B (bg)	No	n/a	n/a	EPA 1989	0.05	25	0.002038	0.002483	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	0.006402	0.01292	unknown	ShapiroWilk
Cobalt (mg/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.007464	0.02446	unknown	ShapiroWilk
Cobalt (mg/L)	MW-218A	No	n/a	n/a	NP (nrm)	NaN	32	0.001442	0.002044	unknown	ShapiroWilk
Cobalt (mg/L)	MW-219A	No	n/a	n/a	NP (nrm)	NaN	32	0.001556	0.00211	unknown	ShapiroWilk
Cobalt (mg/L)	MW-220A	No	n/a	n/a	NP (nrm)	NaN	32	0.005746	0.01742	unknown	ShapiroWilk
Cobalt (mg/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.001209	0.0008093	unknown	ShapiroWilk
Cobalt (mg/L)	**MW-408**	**Yes**	**0.0189**	**10/14/2022**	**Dixon`s**	**0.05**	**10**	**0.002348**	**0.005823**	**normal**	**ShapiroWilk**
Cobalt (mg/L)	MW-410	No	n/a	n/a	EPA 1989	0.05	14	0.000...	0.0006911	ln(x)	ShapiroWilk
Copper (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	38	0.01402	0.009876	unknown	ShapiroWilk
Copper (mg/L)	MW-1A	No	n/a	n/a	NP (nrm)	NaN	38	0.01452	0.0192	unknown	ShapiroWilk
Copper (mg/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	37	0.01089	0.009313	unknown	ShapiroWilk
Copper (mg/L)	MW-2A-97	n/a	n/a	n/a	NP (nrm)	NaN	38	0.01254	0.01401	unknown	ShapiroWilk
Copper (mg/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	33	0.01213	0.009918	unknown	ShapiroWilk
Copper (mg/L)	MW-6B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.0117	0.01096	unknown	ShapiroWilk
Copper (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	36	0.01663	0.01763	unknown	ShapiroWilk
Copper (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	36	0.01485	0.01313	unknown	ShapiroWilk
Copper (mg/L)	MW-10B	No	n/a	n/a	EPA 1989	0.05	15	0.01117	0.01228	ln(x)	ShapiroWilk
Copper (mg/L)	MW-11B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.01109	0.009191	unknown	ShapiroWilk
Copper (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	31	0.01322	0.009605	unknown	ShapiroWilk
Copper (mg/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	33	0.01206	0.009447	unknown	ShapiroWilk
Copper (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.01066	0.009213	unknown	ShapiroWilk
Copper (mg/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	33	0.01326	0.01251	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:45 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Copper (mg/L)	MW-18A-07	n/a	n/a	n/a	NP (nrm)	NaN	31	0.01411	0.01268	unknown	ShapiroWilk
Copper (mg/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	33	0.01479	0.01651	unknown	ShapiroWilk
Copper (mg/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	37	0.01098	0.009871	unknown	ShapiroWilk
Copper (mg/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.01156	0.009112	unknown	ShapiroWilk
Copper (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.0111	0.009791	unknown	ShapiroWilk
Copper (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	41	0.01887	0.02603	unknown	ShapiroWilk
Copper (mg/L)	MW-201A	No	n/a	n/a	EPA 1989	0.05	36	0.01829	0.0353	ln(x)	ShapiroWilk
Copper (mg/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	33	0.01256	0.009748	unknown	ShapiroWilk
Copper (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	33	0.01323	0.01108	unknown	ShapiroWilk
Copper (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	33	0.01233	0.009156	unknown	ShapiroWilk
Copper (mg/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	32	0.01136	0.009718	unknown	ShapiroWilk
Copper (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	38	0.01099	0.009696	unknown	ShapiroWilk
Copper (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	33	0.01188	0.00953	unknown	ShapiroWilk
Copper (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	38	0.01483	0.02407	unknown	ShapiroWilk
Copper (mg/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	31	0.01148	0.009255	unknown	ShapiroWilk
Copper (mg/L)	MW-206A	No	n/a	n/a	NP (nrm)	NaN	38	0.01089	0.009337	unknown	ShapiroWilk
Copper (mg/L)	MW-207A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.01165	0.009619	unknown	ShapiroWilk
Copper (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	32	0.01175	0.009323	unknown	ShapiroWilk
Copper (mg/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.02687	0.09961	unknown	ShapiroWilk
Copper (mg/L)	MW-205A	No	n/a	n/a	NP (nrm)	NaN	34	0.01122	0.009325	unknown	ShapiroWilk
Copper (mg/L)	MW-211B	No	n/a	n/a	NP (nrm)	NaN	37	0.01285	0.01624	unknown	ShapiroWilk
Copper (mg/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	34	0.01222	0.009465	unknown	ShapiroWilk
Copper (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01133	0.009141	unknown	ShapiroWilk
Copper (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.009941	0.008771	unknown	ShapiroWilk
Copper (mg/L)	MW-38A (bg)	No	n/a	n/a	NP (nrm)	NaN	26	0.009349	0.009806	unknown	ShapiroWilk
Copper (mg/L)	MW-39B (bg)	No	n/a	n/a	NP (nrm)	NaN	25	0.007892	0.007319	unknown	ShapiroWilk
Copper (mg/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	0.009665	0.01242	unknown	ShapiroWilk
Copper (mg/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.01292	0.02301	unknown	ShapiroWilk
Copper (mg/L)	MW-218A	No	n/a	n/a	NP (nrm)	NaN	32	0.008864	0.009246	unknown	ShapiroWilk
Copper (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.009086	0.009166	unknown	ShapiroWilk
Copper (mg/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.03407	0.09275	unknown	ShapiroWilk
Copper (mg/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.00362	0.001513	unknown	ShapiroWilk
Copper (mg/L)	MW-408	No	n/a	n/a	Dixon`s	0.05	10	0.003439	0.001332	normal	ShapiroWilk
Copper (mg/L)	MW-410	No	n/a	n/a	EPA 1989	0.05	10	0.0027	0.001369	ln(x)	ShapiroWilk
Cyanide (mg/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	7	0.01	0	unknown	ShapiroWilk
Cyanide (mg/L)	MW-1A	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-2A-97	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-6B	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-11B	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	0.00875	0.0025	unknown	ShapiroWilk
Cyanide (mg/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-16A	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-18A-07	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:45 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Cyanide (mg/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	15	0.01917	0.03734	unknown	ShapiroWilk
Cyanide (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	5	0.0087	0.002907	unknown	ShapiroWilk
Cyanide (mg/L)	MW-201A	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-206A	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-207A	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	4	0.008375	0.00325	unknown	ShapiroWilk
Cyanide (mg/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	0.007125	0.003376	normal	ShapiroWilk
Cyanide (mg/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	0.007125	0.003376	normal	ShapiroWilk
Lead (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	42	0.003024	0.002018	unknown	ShapiroWilk
Lead (mg/L)	MW-1A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.005989	0.01321	unknown	ShapiroWilk
Lead (mg/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	37	0.002244	0.00197	unknown	ShapiroWilk
Lead (mg/L)	MW-2A-97	n/a	n/a	n/a	NP (nrm)	NaN	38	0.002899	0.003582	unknown	ShapiroWilk
Lead (mg/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	33	0.002498	0.002343	unknown	ShapiroWilk
Lead (mg/L)	MW-6B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.002516	0.002306	unknown	ShapiroWilk
Lead (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	36	0.006307	0.008892	unknown	ShapiroWilk
Lead (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	36	0.007297	0.01281	unknown	ShapiroWilk
Lead (mg/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.002574	0.002166	unknown	ShapiroWilk
Lead (mg/L)	MW-11B	No	n/a	n/a	NP (nrm)	NaN	41	0.003286	0.004109	unknown	ShapiroWilk
Lead (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	31	0.00256	0.001962	unknown	ShapiroWilk
Lead (mg/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	33	0.00241	0.001985	unknown	ShapiroWilk
Lead (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.002312	0.00199	unknown	ShapiroWilk
Lead (mg/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	33	0.00244	0.002033	unknown	ShapiroWilk
Lead (mg/L)	MW-18A-07	n/a	n/a	n/a	NP (nrm)	NaN	31	0.002426	0.001997	unknown	ShapiroWilk
Lead (mg/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	33	0.003518	0.006527	unknown	ShapiroWilk
Lead (mg/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.002368	0.002147	unknown	ShapiroWilk
Lead (mg/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.002456	0.001998	unknown	ShapiroWilk
Lead (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.002332	0.001969	unknown	ShapiroWilk
Lead (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	41	0.003312	0.003314	unknown	ShapiroWilk
Lead (mg/L)	MW-201A	No	n/a	n/a	NP (nrm)	NaN	39	0.01284	0.03087	unknown	ShapiroWilk
Lead (mg/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	33	0.002531	0.002479	unknown	ShapiroWilk
Lead (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	33	0.00263	0.00263	unknown	ShapiroWilk
Lead (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	33	0.002312	0.002047	unknown	ShapiroWilk
Lead (mg/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.002604	0.002105	unknown	ShapiroWilk
Lead (mg/L)	MW-209B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.002575	0.002864	unknown	ShapiroWilk
Lead (mg/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	36	0.002816	0.002278	unknown	ShapiroWilk
Lead (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	38	0.003541	0.006003	unknown	ShapiroWilk
Lead (mg/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	31	0.002438	0.001768	unknown	ShapiroWilk
Lead (mg/L)	MW-206A	No	n/a	n/a	NP (nrm)	NaN	41	0.0028	0.002515	unknown	ShapiroWilk
Lead (mg/L)	MW-207A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.002466	0.00212	unknown	ShapiroWilk
Lead (mg/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	34	0.003801	0.003474	unknown	ShapiroWilk
Lead (mg/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.01104	0.04934	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Lead (mg/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.00289	0.003244	unknown	ShapiroWilk
Lead (mg/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	37	0.003596	0.006692	unknown	ShapiroWilk
Lead (mg/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	35	0.003452	0.003617	unknown	ShapiroWilk
Lead (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.002716	0.001854	unknown	ShapiroWilk
Lead (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.002506	0.001842	unknown	ShapiroWilk
Lead (mg/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.001944	0.001929	unknown	ShapiroWilk
Lead (mg/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	25	0.002324	0.003006	unknown	ShapiroWilk
Lead (mg/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	0.003764	0.005423	unknown	ShapiroWilk
Lead (mg/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.0034	0.007721	unknown	ShapiroWilk
Lead (mg/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001962	0.001986	unknown	ShapiroWilk
Lead (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.002072	0.002458	unknown	ShapiroWilk
Lead (mg/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.003096	0.004436	unknown	ShapiroWilk
Lead (mg/L)	MW-18AR	n/a	n/a	n/a	NP (nrm)	NaN	16	0.001506	0.00174	unknown	ShapiroWilk
Lead (mg/L)	MW-408	No	n/a	n/a	NP (nrm)	NaN	10	0.001141	0.001517	unknown	ShapiroWilk
Lead (mg/L)	MW-410	No	n/a	n/a	NP (nrm)	NaN	10	0.001461	0.001756	unknown	ShapiroWilk
Mercury (mg/L)	MW-1A	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-2A-97	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-6B	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-11B	No	n/a	n/a	NP (nrm)	NaN	5	0.000...	0.00004957	unknown	ShapiroWilk
Mercury (mg/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	0.000275	0.00015	unknown	ShapiroWilk
Mercury (mg/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-16A	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-18A-07	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	5	0.000182	0.00004025	unknown	ShapiroWilk
Mercury (mg/L)	MW-201A	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.00004437	unknown	ShapiroWilk
Mercury (mg/L)	MW-206A	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-207A	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	4	0.000...	0.000045	unknown	ShapiroWilk
Mercury (mg/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	0.000244	0.0001804	normal	ShapiroWilk
Mercury (mg/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	0.000244	0.0001804	normal	ShapiroWilk
Nickel (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	41	0.01797	0.01988	unknown	ShapiroWilk
Nickel (mg/L)	MW-1A	No	n/a	n/a	NP (nrm)	NaN	38	0.01896	0.02204	unknown	ShapiroWilk
Nickel (mg/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	37	0.01383	0.0179	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:45 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Nickel (mg/L)	MW-2A-97	No	n/a	n/a	NP (nrm)	NaN	41	0.02277	0.01585	unknown	ShapiroWilk
Nickel (mg/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	33	0.0175	0.02039	unknown	ShapiroWilk
Nickel (mg/L)	MW-6B	No	n/a	n/a	NP (nrm)	NaN	41	0.02755	0.01564	unknown	ShapiroWilk
Nickel (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	36	0.02047	0.0201	unknown	ShapiroWilk
Nickel (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	36	0.01926	0.01878	unknown	ShapiroWilk
Nickel (mg/L)	MW-10B	No	n/a	n/a	EPA 1989	0.05	15	0.01132	0.017	ln(x)	ShapiroWilk
Nickel (mg/L)	MW-11B	No	n/a	n/a	NP (nrm)	NaN	41	0.02071	0.01513	unknown	ShapiroWilk
Nickel (mg/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	34	0.01901	0.0165	unknown	ShapiroWilk
Nickel (mg/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	36	0.01917	0.01775	unknown	ShapiroWilk
Nickel (mg/L)	MW-16A	No	n/a	n/a	NP (nrm)	NaN	41	0.01568	0.01777	unknown	ShapiroWilk
Nickel (mg/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	36	0.01947	0.02895	unknown	ShapiroWilk
Nickel (mg/L)	MW-18A-07	No	n/a	n/a	NP (nrm)	NaN	34	0.01694	0.01892	unknown	ShapiroWilk
Nickel (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	33	0.01891	0.02447	unknown	ShapiroWilk
Nickel (mg/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	40	0.02022	0.01771	unknown	ShapiroWilk
Nickel (mg/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	38	0.0169	0.02029	unknown	ShapiroWilk
Nickel (mg/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	38	0.01773	0.0181	unknown	ShapiroWilk
Nickel (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	41	0.01822	0.01959	unknown	ShapiroWilk
Nickel (mg/L)	MW-201A	No	n/a	n/a	NP (nrm)	NaN	36	0.02113	0.03664	unknown	ShapiroWilk
Nickel (mg/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	33	0.01556	0.01854	unknown	ShapiroWilk
Nickel (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	33	0.0176	0.02298	unknown	ShapiroWilk
Nickel (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	33	0.01909	0.0169	unknown	ShapiroWilk
Nickel (mg/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	32	0.02278	0.01487	unknown	ShapiroWilk
Nickel (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	41	0.07942	0.03761	unknown	ShapiroWilk
Nickel (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	33	0.02273	0.01358	unknown	ShapiroWilk
Nickel (mg/L)	MW-212A	No	n/a	n/a	EPA 1989	0.05	38	0.02375	0.03837	ln(x)	ShapiroWilk
Nickel (mg/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	31	0.01534	0.01927	unknown	ShapiroWilk
Nickel (mg/L)	MW-206A	No	n/a	n/a	NP (nrm)	NaN	38	0.01323	0.01802	unknown	ShapiroWilk
Nickel (mg/L)	MW-207A	No	n/a	n/a	NP (nrm)	NaN	38	0.01402	0.0179	unknown	ShapiroWilk
Nickel (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	32	0.01532	0.01884	unknown	ShapiroWilk
Nickel (mg/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.03325	0.09853	unknown	ShapiroWilk
Nickel (mg/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.02883	0.03067	unknown	ShapiroWilk
Nickel (mg/L)	MW-211B	No	n/a	n/a	NP (nrm)	NaN	38	0.05345	0.03283	unknown	ShapiroWilk
Nickel (mg/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	35	0.02113	0.02008	unknown	ShapiroWilk
Nickel (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.02318	0.02358	unknown	ShapiroWilk
Nickel (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.02284	0.02347	unknown	ShapiroWilk
Nickel (mg/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.02329	0.03245	unknown	ShapiroWilk
Nickel (mg/L)	MW-39B (bg)	No	n/a	n/a	NP (nrm)	NaN	25	0.01591	0.01993	unknown	ShapiroWilk
Nickel (mg/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	0.01692	0.02046	unknown	ShapiroWilk
Nickel (mg/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.01813	0.02406	unknown	ShapiroWilk
Nickel (mg/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.01856	0.02502	unknown	ShapiroWilk
Nickel (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.01848	0.02507	unknown	ShapiroWilk
Nickel (mg/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.02187	0.039	unknown	ShapiroWilk
Nickel (mg/L)	MW-18AR	No	n/a	n/a	EPA 1989	0.05	16	0.004142	0.001615	normal	ShapiroWilk
Nickel (mg/L)	MW-408	No	n/a	n/a	NP (nrm)	NaN	10	0.005448	0.005316	unknown	ShapiroWilk
Nickel (mg/L)	MW-410	No	n/a	n/a	EPA 1989	0.05	10	0.003673	0.001093	normal	ShapiroWilk
Selenium (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	38	0.005918	0.002673	unknown	ShapiroWilk
Selenium (mg/L)	MW-1A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.005055	0.002569	unknown	ShapiroWilk
Selenium (mg/L)	**MW-1B**	**Yes**	**0.01,0....**	**2/27/2008...**	**NP (nrm)**	**NaN**	**37**	**0.005248**	**0.002434**	**unknown**	**ShapiroWilk**
Selenium (mg/L)	**MW-2A-97**	**Yes**	**0.01,0....**	**2/27/2008...**	**NP (nrm)**	**NaN**	**38**	**0.005119**	**0.002501**	**unknown**	**ShapiroWilk**
Selenium (mg/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.005405	0.002725	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:45 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Selenium (mg/L)	MW-6B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.004945	0.002629	unknown	ShapiroWilk
Selenium (mg/L)	**MW-7B1**	**Yes**	**0.0014**	**5/6/2025**	**NP (nrm)**	**NaN**	**29**	**0.006241**	**0.003556**	**unknown**	**ShapiroWilk**
Selenium (mg/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.005703	0.002406	unknown	ShapiroWilk
Selenium (mg/L)	MW-10B	No	n/a	n/a	EPA 1989	0.05	16	0.006501	0.006481	ln(x)	ShapiroWilk
Selenium (mg/L)	MW-11B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.005169	0.002466	unknown	ShapiroWilk
Selenium (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.005761	0.002475	unknown	ShapiroWilk
Selenium (mg/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.005714	0.002393	unknown	ShapiroWilk
Selenium (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.00504	0.002546	unknown	ShapiroWilk
Selenium (mg/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	29	0.005542	0.002593	unknown	ShapiroWilk
Selenium (mg/L)	MW-18A-07	n/a	n/a	n/a	NP (nrm)	NaN	31	0.005165	0.002789	unknown	ShapiroWilk
Selenium (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	29	0.004899	0.003036	unknown	ShapiroWilk
Selenium (mg/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.005571	0.002548	unknown	ShapiroWilk
Selenium (mg/L)	**MW-25A-00**	**Yes**	**0.01,0....**	**2/27/2008...**	**NP (nrm)**	**NaN**	**38**	**0.005245**	**0.002376**	**unknown**	**ShapiroWilk**
Selenium (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.005568	0.002546	unknown	ShapiroWilk
Selenium (mg/L)	**MW-31B**	**Yes**	**0.01,0....**	**2/27/2008...**	**NP (nrm)**	**NaN**	**41**	**0.005143**	**0.002362**	**unknown**	**ShapiroWilk**
Selenium (mg/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.005668	0.002881	unknown	ShapiroWilk
Selenium (mg/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	29	0.004848	0.00333	unknown	ShapiroWilk
Selenium (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	29	0.0056	0.002818	unknown	ShapiroWilk
Selenium (mg/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.006127	0.002632	unknown	ShapiroWilk
Selenium (mg/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	31	0.006223	0.002575	unknown	ShapiroWilk
Selenium (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	41	0.004555	0.003543	unknown	ShapiroWilk
Selenium (mg/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	32	0.006041	0.002718	unknown	ShapiroWilk
Selenium (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	38	0.005028	0.002773	unknown	ShapiroWilk
Selenium (mg/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.005146	0.002729	unknown	ShapiroWilk
Selenium (mg/L)	MW-206A	No	n/a	n/a	NP (nrm)	NaN	41	0.005114	0.002959	unknown	ShapiroWilk
Selenium (mg/L)	MW-207A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.005265	0.002669	unknown	ShapiroWilk
Selenium (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	28	0.004677	0.003377	unknown	ShapiroWilk
Selenium (mg/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.005603	0.002169	unknown	ShapiroWilk
Selenium (mg/L)	**MW-205A**	**Yes**	**0.01,0....**	**3/3/2010,...**	**NP (nrm)**	**NaN**	**30**	**0.005193**	**0.00254**	**unknown**	**ShapiroWilk**
Selenium (mg/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.004963	0.002438	unknown	ShapiroWilk
Selenium (mg/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.00525	0.002535	unknown	ShapiroWilk
Selenium (mg/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	19	0.004247	0.002091	unknown	ShapiroWilk
Selenium (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.004071	0.001722	unknown	ShapiroWilk
Selenium (mg/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.004255	0.001406	unknown	ShapiroWilk
Selenium (mg/L)	MW-39B (bg)	No	n/a	n/a	NP (nrm)	NaN	25	0.004038	0.001457	unknown	ShapiroWilk
Selenium (mg/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	0.003799	0.001705	unknown	ShapiroWilk
Selenium (mg/L)	MW-217A	No	n/a	n/a	NP (nrm)	NaN	32	0.004412	0.001244	unknown	ShapiroWilk
Selenium (mg/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.004288	0.001374	unknown	ShapiroWilk
Selenium (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.004276	0.001406	unknown	ShapiroWilk
Selenium (mg/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.004284	0.001384	unknown	ShapiroWilk
Selenium (mg/L)	MW-18AR	n/a	n/a	n/a	NP (nrm)	NaN	7	0.004571	0.0005345	unknown	ShapiroWilk
Selenium (mg/L)	**MW-408**	**Yes**	**0.0371**	**4/29/2024**	**Dixon`s**	**0.05**	**10**	**0.006717**	**0.01076**	**normal**	**ShapiroWilk**
Selenium (mg/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.003218	0.001709	unknown	ShapiroWilk
Silver (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	0.01001	0.009337	unknown	ShapiroWilk
Silver (mg/L)	MW-1A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.007572	0.008425	unknown	ShapiroWilk
Silver (mg/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	37	0.007219	0.008293	unknown	ShapiroWilk
Silver (mg/L)	MW-2A-97	n/a	n/a	n/a	NP (nrm)	NaN	38	0.007569	0.008428	unknown	ShapiroWilk
Silver (mg/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.009345	0.008904	unknown	ShapiroWilk
Silver (mg/L)	MW-6B	n/a	n/a	n/a	NP (nrm)	NaN	41	0.008275	0.008705	unknown	ShapiroWilk
Silver (mg/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	29	0.009448	0.008821	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Silver (mg/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.009689	0.009595	unknown	ShapiroWilk
Silver (mg/L)	MW-10B	No	n/a	n/a	EPA 1989	0.05	15	0.005108	0.005735	ln(x)	ShapiroWilk
Silver (mg/L)	MW-11B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.007556	0.008438	unknown	ShapiroWilk
Silver (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.01009	0.008806	unknown	ShapiroWilk
Silver (mg/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.009345	0.008904	unknown	ShapiroWilk
Silver (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.007534	0.008457	unknown	ShapiroWilk
Silver (mg/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	29	0.0107	0.01286	unknown	ShapiroWilk
Silver (mg/L)	MW-18A-07	n/a	n/a	n/a	NP (nrm)	NaN	31	0.008709	0.008943	unknown	ShapiroWilk
Silver (mg/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.01004	0.01041	unknown	ShapiroWilk
Silver (mg/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.009329	0.008921	unknown	ShapiroWilk
Silver (mg/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.008059	0.008598	unknown	ShapiroWilk
Silver (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.009315	0.008935	unknown	ShapiroWilk
Silver (mg/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	41	0.008444	0.008775	unknown	ShapiroWilk
Silver (mg/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.01034	0.01049	unknown	ShapiroWilk
Silver (mg/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.01117	0.01156	unknown	ShapiroWilk
Silver (mg/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.01173	0.01159	unknown	ShapiroWilk
Silver (mg/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.01104	0.01038	unknown	ShapiroWilk
Silver (mg/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.011	0.01052	unknown	ShapiroWilk
Silver (mg/L)	MW-209B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.009212	0.009929	unknown	ShapiroWilk
Silver (mg/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.01104	0.01038	unknown	ShapiroWilk
Silver (mg/L)	MW-212A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.008848	0.009902	unknown	ShapiroWilk
Silver (mg/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.01001	0.009997	unknown	ShapiroWilk
Silver (mg/L)	MW-206A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.008871	0.009882	unknown	ShapiroWilk
Silver (mg/L)	MW-207A	n/a	n/a	n/a	NP (nrm)	NaN	38	0.008924	0.009842	unknown	ShapiroWilk
Silver (mg/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.01054	0.01021	unknown	ShapiroWilk
Silver (mg/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.01188	0.01048	unknown	ShapiroWilk
Silver (mg/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.01143	0.01058	unknown	ShapiroWilk
Silver (mg/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	37	0.009131	0.01017	unknown	ShapiroWilk
Silver (mg/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.0115	0.0105	unknown	ShapiroWilk
Silver (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.01061	0.009824	unknown	ShapiroWilk
Silver (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.009213	0.009384	unknown	ShapiroWilk
Silver (mg/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.007741	0.01075	unknown	ShapiroWilk
Silver (mg/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	25	0.006485	0.008646	unknown	ShapiroWilk
Silver (mg/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.006644	0.008552	unknown	ShapiroWilk
Silver (mg/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.006601	0.008583	unknown	ShapiroWilk
Silver (mg/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.007242	0.01016	unknown	ShapiroWilk
Silver (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.007269	0.01014	unknown	ShapiroWilk
Silver (mg/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.006617	0.008572	unknown	ShapiroWilk
Silver (mg/L)	MW-18AR	n/a	n/a	n/a	NP (nrm)	NaN	7	0.002286	0.001604	unknown	ShapiroWilk
Silver (mg/L)	MW-408	No	n/a	n/a	EPA 1989	0.05	10	0.001662	0.001638	ln(x)	ShapiroWilk
Silver (mg/L)	MW-410	No	n/a	n/a	EPA 1989	0.05	10	0.001662	0.001638	ln(x)	ShapiroWilk
Sulfide (mg/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	12	1	0	unknown	ShapiroWilk
Sulfide (mg/L)	MW-1A	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.8462	0.3439	unknown	ShapiroWilk
Sulfide (mg/L)	MW-2A-97	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	5	0.7908	0.3351	unknown	ShapiroWilk
Sulfide (mg/L)	MW-6B	n/a	n/a	n/a	NP (nrm)	NaN	11	2.012	3.375	unknown	ShapiroWilk
Sulfide (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	0.8462	0.3439	unknown	ShapiroWilk
Sulfide (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	21	2.608	3.747	unknown	ShapiroWilk
Sulfide (mg/L)	MW-11B	n/a	n/a	n/a	NP (nrm)	NaN	6	0.7437	0.3971	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:45 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Sulfide (mg/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	0.775	0.45	unknown	ShapiroWilk
Sulfide (mg/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	0.8462	0.3439	unknown	ShapiroWilk
Sulfide (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	5	0.6924	0.4212	unknown	ShapiroWilk
Sulfide (mg/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-18A-07	No	n/a	n/a	NP (nrm)	NaN	12	0.5869	0.4337	unknown	ShapiroWilk
Sulfide (mg/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	11	0.9301	0.2319	unknown	ShapiroWilk
Sulfide (mg/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	5	0.8462	0.3439	unknown	ShapiroWilk
Sulfide (mg/L)	MW-201A	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-209B	No	n/a	n/a	EPA 1989	0.05	25	2.888	3.359	ln(x)	ShapiroWilk
Sulfide (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-212A	No	n/a	n/a	EPA 1989	0.05	4	0.7145	0.3672	normal	ShapiroWilk
Sulfide (mg/L)	MW-215A	No	n/a	n/a	EPA 1989	0.05	4	0.6423	0.4154	ln(x)	ShapiroWilk
Sulfide (mg/L)	MW-206A	n/a	n/a	n/a	NP (nrm)	NaN	5	0.6924	0.4212	unknown	ShapiroWilk
Sulfide (mg/L)	MW-207A	No	n/a	n/a	EPA 1989	0.05	13	1.368	2.664	ln(x)	ShapiroWilk
Sulfide (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	4	0.8078	0.3845	unknown	ShapiroWilk
Sulfide (mg/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	0.567	0.5062	normal	ShapiroWilk
Sulfide (mg/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	0.5828	0.4848	normal	ShapiroWilk
Sulfide (mg/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.8875	0.3182	unknown	ShapiroWilk
Sulfide (mg/L)	MW-39B (bg)	No	n/a	n/a	NP (nrm)	NaN	4	1	0	unknown	ShapiroWilk
Sulfide (mg/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	23	1.448	2.062	unknown	ShapiroWilk
Sulfide (mg/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	14	1.338	2.529	unknown	ShapiroWilk
Sulfide (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	14	2.279	4.091	unknown	ShapiroWilk
Sulfide (mg/L)	MW-18AR	n/a	n/a	n/a	NP (nrm)	NaN	14	1.25	2.668	unknown	ShapiroWilk
Thallium (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	0.001547	0.0005784	unknown	ShapiroWilk
Thallium (mg/L)	MW-1A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001743	0.002037	unknown	ShapiroWilk
Thallium (mg/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.001369	0.0006132	unknown	ShapiroWilk
Thallium (mg/L)	MW-2A-97	n/a	n/a	n/a	NP (nrm)	NaN	39	0.0014	0.0008088	unknown	ShapiroWilk
Thallium (mg/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001506	0.0006003	unknown	ShapiroWilk
Thallium (mg/L)	MW-6B	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001493	0.0007715	unknown	ShapiroWilk
Thallium (mg/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001632	0.0007083	unknown	ShapiroWilk
Thallium (mg/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	31	0.001554	0.0005433	unknown	ShapiroWilk
Thallium (mg/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.001398	0.0006937	unknown	ShapiroWilk
Thallium (mg/L)	MW-11B	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001421	0.0006382	unknown	ShapiroWilk
Thallium (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001552	0.0006586	unknown	ShapiroWilk
Thallium (mg/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001469	0.0006636	unknown	ShapiroWilk
Thallium (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.00145	0.0005949	unknown	ShapiroWilk
Thallium (mg/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001532	0.0005584	unknown	ShapiroWilk
Thallium (mg/L)	MW-18A-07	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001432	0.0006535	unknown	ShapiroWilk
Thallium (mg/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.00151	0.0005399	unknown	ShapiroWilk
Thallium (mg/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.001423	0.0006491	unknown	ShapiroWilk
Thallium (mg/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	39	0.001449	0.0005956	unknown	ShapiroWilk
Thallium (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.001532	0.0005584	unknown	ShapiroWilk
Thallium (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	41	0.001227	0.0007759	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Thallium (mg/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	26	0.001423	0.0006264	unknown	ShapiroWilk
Thallium (mg/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001499	0.0005635	unknown	ShapiroWilk
Thallium (mg/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001499	0.0005635	unknown	ShapiroWilk
Thallium (mg/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001499	0.0005635	unknown	ShapiroWilk
Thallium (mg/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.001418	0.0006635	unknown	ShapiroWilk
Thallium (mg/L)	MW-209B	n/a	n/a	n/a	NP (nrm)	NaN	37	0.001617	0.001224	unknown	ShapiroWilk
Thallium (mg/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001464	0.0006225	unknown	ShapiroWilk
Thallium (mg/L)	MW-212A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.001324	0.0006829	unknown	ShapiroWilk
Thallium (mg/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.001444	0.000625	unknown	ShapiroWilk
Thallium (mg/L)	MW-206A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.001337	0.0006187	unknown	ShapiroWilk
Thallium (mg/L)	MW-207A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.001477	0.0006301	unknown	ShapiroWilk
Thallium (mg/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.001519	0.0007889	unknown	ShapiroWilk
Thallium (mg/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.00154	0.0005453	unknown	ShapiroWilk
Thallium (mg/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001488	0.0005855	unknown	ShapiroWilk
Thallium (mg/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.001338	0.0007742	unknown	ShapiroWilk
Thallium (mg/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.001418	0.000637	unknown	ShapiroWilk
Thallium (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.001524	0.0006618	unknown	ShapiroWilk
Thallium (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.001372	0.000716	unknown	ShapiroWilk
Thallium (mg/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.001309	0.0005968	unknown	ShapiroWilk
Thallium (mg/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	25	0.001353	0.0005636	unknown	ShapiroWilk
Thallium (mg/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001343	0.0005779	unknown	ShapiroWilk
Thallium (mg/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001328	0.0005926	unknown	ShapiroWilk
Thallium (mg/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001343	0.0005779	unknown	ShapiroWilk
Thallium (mg/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001343	0.0005779	unknown	ShapiroWilk
Thallium (mg/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.001343	0.0005779	unknown	ShapiroWilk
Thallium (mg/L)	MW-18AR	n/a	n/a	n/a	NP (nrm)	NaN	7	0.001429	0.0005345	unknown	ShapiroWilk
Thallium (mg/L)	MW-408	No	n/a	n/a	EPA 1989	0.05	10	0.000...	0.0006116	ln(x)	ShapiroWilk
Thallium (mg/L)	MW-410	No	n/a	n/a	EPA 1989	0.05	10	0.001007	0.0005887	ln(x)	ShapiroWilk
Tin (mg/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.1	0	unknown	ShapiroWilk
Tin (mg/L)	MW-1A	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-2A-97	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-6B	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-11B	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	23	0.08177	0.1196	unknown	ShapiroWilk
Tin (mg/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	6	0.05208	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-16A	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-18A-07	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	5	0.0425	0.0525	unknown	ShapiroWilk
Tin (mg/L)	MW-201A	No	n/a	n/a	NP (nrm)	NaN	4	0.02813	0.04793	unknown	ShapiroWilk
Tin (mg/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	4	0.02813	0.04793	unknown	ShapiroWilk
Tin (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	0.02813	0.04793	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:45 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Tin (mg/L)	**MW-204A**	**Yes**	**0.1**	**5/10/2010**	**Dixon`s**	**0.05**	**4**	**0.02766**	**0.04824**	**normal**	**ShapiroWilk**
Tin (mg/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.02229	0.03928	unknown	ShapiroWilk
Tin (mg/L)	**MW-209B**	**Yes**	**0.1**	**5/10/2010**	**Dixon`s**	**0.05**	**4**	**0.02757**	**0.0483**	**normal**	**ShapiroWilk**
Tin (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	0.02813	0.04793	unknown	ShapiroWilk
Tin (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	4	0.02813	0.04793	unknown	ShapiroWilk
Tin (mg/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	4	0.02813	0.04793	unknown	ShapiroWilk
Tin (mg/L)	MW-206A	No	n/a	n/a	NP (nrm)	NaN	4	0.02813	0.04793	unknown	ShapiroWilk
Tin (mg/L)	MW-207A	n/a	n/a	n/a	NP (nrm)	NaN	5	0.0445	0.05076	unknown	ShapiroWilk
Tin (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	4	0.02813	0.04793	unknown	ShapiroWilk
Tin (mg/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	0.03074	0.047	ln(x)	ShapiroWilk
Tin (mg/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	0.03158	0.04633	ln(x)	ShapiroWilk
Tin (mg/L)	MW-39B (bg)	n/a	n/a	n/a	EPA 1989	0.05	4	0.08525	0.05613	unknown	ShapiroWilk
Vanadium (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	0.02854	0.02265	unknown	ShapiroWilk
Vanadium (mg/L)	MW-1A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.0264	0.0283	unknown	ShapiroWilk
Vanadium (mg/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.02396	0.02185	unknown	ShapiroWilk
Vanadium (mg/L)	MW-2A-97	n/a	n/a	n/a	NP (nrm)	NaN	39	0.02451	0.02208	unknown	ShapiroWilk
Vanadium (mg/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	30	0.02701	0.02361	unknown	ShapiroWilk
Vanadium (mg/L)	MW-6B	No	n/a	n/a	NP (nrm)	NaN	39	0.02345	0.02309	unknown	ShapiroWilk
Vanadium (mg/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.02791	0.02285	unknown	ShapiroWilk
Vanadium (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	34	0.03124	0.02382	unknown	ShapiroWilk
Vanadium (mg/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.02161	0.02193	unknown	ShapiroWilk
Vanadium (mg/L)	MW-11B	n/a	n/a	n/a	NP (nrm)	NaN	39	0.02432	0.02227	unknown	ShapiroWilk
Vanadium (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.03173	0.02181	unknown	ShapiroWilk
Vanadium (mg/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.02928	0.02271	unknown	ShapiroWilk
Vanadium (mg/L)	MW-16A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.02406	0.02252	unknown	ShapiroWilk
Vanadium (mg/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	30	0.03193	0.03215	unknown	ShapiroWilk
Vanadium (mg/L)	MW-18A-07	n/a	n/a	n/a	NP (nrm)	NaN	32	0.02739	0.02318	unknown	ShapiroWilk
Vanadium (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	30	0.03015	0.02676	unknown	ShapiroWilk
Vanadium (mg/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.0265	0.02334	unknown	ShapiroWilk
Vanadium (mg/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	39	0.02389	0.02269	unknown	ShapiroWilk
Vanadium (mg/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.02901	0.02304	unknown	ShapiroWilk
Vanadium (mg/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	41	0.02392	0.02252	unknown	ShapiroWilk
Vanadium (mg/L)	MW-201A	No	n/a	n/a	NP (nrm)	NaN	26	0.02502	0.02386	unknown	ShapiroWilk
Vanadium (mg/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	28	0.02682	0.02386	unknown	ShapiroWilk
Vanadium (mg/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.02938	0.02652	unknown	ShapiroWilk
Vanadium (mg/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.02761	0.02302	unknown	ShapiroWilk
Vanadium (mg/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.02687	0.02293	unknown	ShapiroWilk
Vanadium (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	37	0.02063	0.02126	unknown	ShapiroWilk
Vanadium (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	28	0.02651	0.02417	unknown	ShapiroWilk
Vanadium (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	37	0.0223	0.02265	unknown	ShapiroWilk
Vanadium (mg/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	27	0.02612	0.02372	unknown	ShapiroWilk
Vanadium (mg/L)	MW-206A	n/a	n/a	n/a	NP (nrm)	NaN	37	0.0232	0.02177	unknown	ShapiroWilk
Vanadium (mg/L)	MW-207A	No	n/a	n/a	NP (nrm)	NaN	37	0.0227	0.02225	unknown	ShapiroWilk
Vanadium (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	27	0.02663	0.02321	unknown	ShapiroWilk
Vanadium (mg/L)	MW-200A	No	n/a	n/a	NP (nrm)	NaN	27	0.02929	0.03043	unknown	ShapiroWilk
Vanadium (mg/L)	MW-205A	No	n/a	n/a	NP (nrm)	NaN	28	0.02582	0.02338	unknown	ShapiroWilk
Vanadium (mg/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.02382	0.02779	unknown	ShapiroWilk
Vanadium (mg/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	28	0.02602	0.02317	unknown	ShapiroWilk
Vanadium (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.02789	0.02237	unknown	ShapiroWilk
Vanadium (mg/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.0253	0.02223	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:45 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Vanadium (mg/L)	MW-38A (bg)	No	n/a	n/a	NP (nrm)	NaN	26	0.01993	0.02687	unknown	ShapiroWilk
Vanadium (mg/L)	MW-39B (bg)	No	n/a	n/a	NP (nrm)	NaN	25	0.01591	0.02085	unknown	ShapiroWilk
Vanadium (mg/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	0.02493	0.03623	unknown	ShapiroWilk
Vanadium (mg/L)	MW-217A	No	n/a	n/a	NP (nrm)	NaN	32	0.02341	0.03565	unknown	ShapiroWilk
Vanadium (mg/L)	MW-218A	No	n/a	n/a	NP (nrm)	NaN	32	0.01903	0.02545	unknown	ShapiroWilk
Vanadium (mg/L)	MW-219A	No	n/a	n/a	NP (nrm)	NaN	32	0.01942	0.0252	unknown	ShapiroWilk
Vanadium (mg/L)	MW-220A	No	n/a	n/a	NP (nrm)	NaN	32	0.03206	0.07686	unknown	ShapiroWilk
Vanadium (mg/L)	MW-18AR	No	n/a	n/a	EPA 1989	0.05	7	0.01037	0.009134	ln(x)	ShapiroWilk
Vanadium (mg/L)	MW-408	No	n/a	n/a	NP (nrm)	NaN	10	0.008221	0.007549	unknown	ShapiroWilk
Vanadium (mg/L)	MW-410	No	n/a	n/a	EPA 1989	0.05	10	0.007758	0.008585	ln(x)	ShapiroWilk
Zinc (mg/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	42	0.0456	0.03834	unknown	ShapiroWilk
Zinc (mg/L)	MW-1A	No	n/a	n/a	NP (nrm)	NaN	38	0.04731	0.05994	unknown	ShapiroWilk
Zinc (mg/L)	**MW-1B**	**Yes**	**0.1,0.1...**	**2/27/2008...**	**NP (nrm)**	**NaN**	**37**	**0.03415**	**0.03478**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	MW-2A-97	No	n/a	n/a	NP (nrm)	NaN	38	0.03551	0.03475	unknown	ShapiroWilk
Zinc (mg/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.05394	0.04301	unknown	ShapiroWilk
Zinc (mg/L)	**MW-6B**	**Yes**	**0.1795**	**10/7/2013**	**NP (nrm)**	**NaN**	**38**	**0.03681**	**0.0391**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	29	0.04605	0.04235	unknown	ShapiroWilk
Zinc (mg/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	32	0.0548	0.05549	unknown	ShapiroWilk
Zinc (mg/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.03796	0.03901	unknown	ShapiroWilk
Zinc (mg/L)	MW-11B	No	n/a	n/a	NP (nrm)	NaN	38	0.03487	0.03498	unknown	ShapiroWilk
Zinc (mg/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.04233	0.03844	unknown	ShapiroWilk
Zinc (mg/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	29	0.04003	0.03815	unknown	ShapiroWilk
Zinc (mg/L)	MW-16A	No	n/a	n/a	NP (nrm)	NaN	38	0.03759	0.03344	unknown	ShapiroWilk
Zinc (mg/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	29	0.04137	0.03612	unknown	ShapiroWilk
Zinc (mg/L)	MW-18A-07	No	n/a	n/a	NP (nrm)	NaN	31	0.04836	0.05078	unknown	ShapiroWilk
Zinc (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	29	0.04006	0.03536	unknown	ShapiroWilk
Zinc (mg/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	29	0.03914	0.03615	unknown	ShapiroWilk
Zinc (mg/L)	**MW-25A-00**	**Yes**	**0.1,0.1...**	**2/27/2008...**	**NP (nrm)**	**NaN**	**38**	**0.03375**	**0.03382**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	29	0.03629	0.03417	unknown	ShapiroWilk
Zinc (mg/L)	**MW-31B**	**Yes**	**0.161**	**10/7/2013**	**NP (nrm)**	**NaN**	**41**	**0.03533**	**0.03561**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.06775	0.08852	unknown	ShapiroWilk
Zinc (mg/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.04968	0.0626	unknown	ShapiroWilk
Zinc (mg/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.04823	0.03924	unknown	ShapiroWilk
Zinc (mg/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.04771	0.04398	unknown	ShapiroWilk
Zinc (mg/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	31	0.0482	0.04143	unknown	ShapiroWilk
Zinc (mg/L)	MW-209B	No	n/a	n/a	NP (nrm)	NaN	38	0.04537	0.04076	unknown	ShapiroWilk
Zinc (mg/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.04289	0.04122	unknown	ShapiroWilk
Zinc (mg/L)	MW-212A	No	n/a	n/a	NP (nrm)	NaN	40	0.04437	0.0415	unknown	ShapiroWilk
Zinc (mg/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.04234	0.03751	unknown	ShapiroWilk
Zinc (mg/L)	MW-206A	n/a	n/a	n/a	NP (nrm)	NaN	41	0.04315	0.04202	unknown	ShapiroWilk
Zinc (mg/L)	MW-207A	No	n/a	n/a	NP (nrm)	NaN	41	0.04041	0.03646	unknown	ShapiroWilk
Zinc (mg/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	30	0.07944	0.113	unknown	ShapiroWilk
Zinc (mg/L)	MW-200A	No	n/a	n/a	NP (nrm)	NaN	30	0.08022	0.2474	unknown	ShapiroWilk
Zinc (mg/L)	MW-205A	No	n/a	n/a	NP (nrm)	NaN	31	0.04032	0.04653	unknown	ShapiroWilk
Zinc (mg/L)	MW-211B	No	n/a	n/a	NP (nrm)	NaN	38	0.04411	0.04795	unknown	ShapiroWilk
Zinc (mg/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	31	0.03847	0.03619	unknown	ShapiroWilk
Zinc (mg/L)	MW-310A	n/a	n/a	n/a	NP (nrm)	NaN	19	0.02493	0.02182	unknown	ShapiroWilk
Zinc (mg/L)	**MW-312A**	**Yes**	**0.061,0...**	**10/7/2013...**	**NP (nrm)**	**NaN**	**17**	**0.02154**	**0.01133**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	**MW-38A (bg)**	**Yes**	**0.18**	**10/7/2013**	**NP (nrm)**	**NaN**	**26**	**0.02628**	**0.03238**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	**MW-39B (bg)**	**Yes**	**0.0324**	**10/16/2018**	**NP (nrm)**	**NaN**	**25**	**0.0184**	**0.00562**	**unknown**	**ShapiroWilk**

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 1:45 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Zinc (mg/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	0.05809	0.07862	unknown	ShapiroWilk
Zinc (mg/L)	**MW-217A**	**Yes**	**0.154,0...**	**12/13/201...**	**NP (nrm)**	**NaN**	**32**	**0.03204**	**0.05364**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	**MW-218A**	**Yes**	**0.08485...**	**10/7/2013...**	**NP (nrm)**	**NaN**	**32**	**0.02494**	**0.01609**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	**MW-219A**	**Yes**	**0.0643,...**	**12/13/201...**	**NP (nrm)**	**NaN**	**32**	**0.02438**	**0.01699**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	**MW-220A**	**Yes**	**0.54**	**12/13/2012**	**NP (nrm)**	**NaN**	**32**	**0.05151**	**0.09939**	**unknown**	**ShapiroWilk**
Zinc (mg/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	7	0.02	0	unknown	ShapiroWilk
Zinc (mg/L)	MW-408	No	n/a	n/a	NP (nrm)	NaN	10	0.01626	0.005115	unknown	ShapiroWilk
Zinc (mg/L)	MW-410	No	n/a	n/a	NP (nrm)	NaN	10	0.01519	0.005367	unknown	ShapiroWilk

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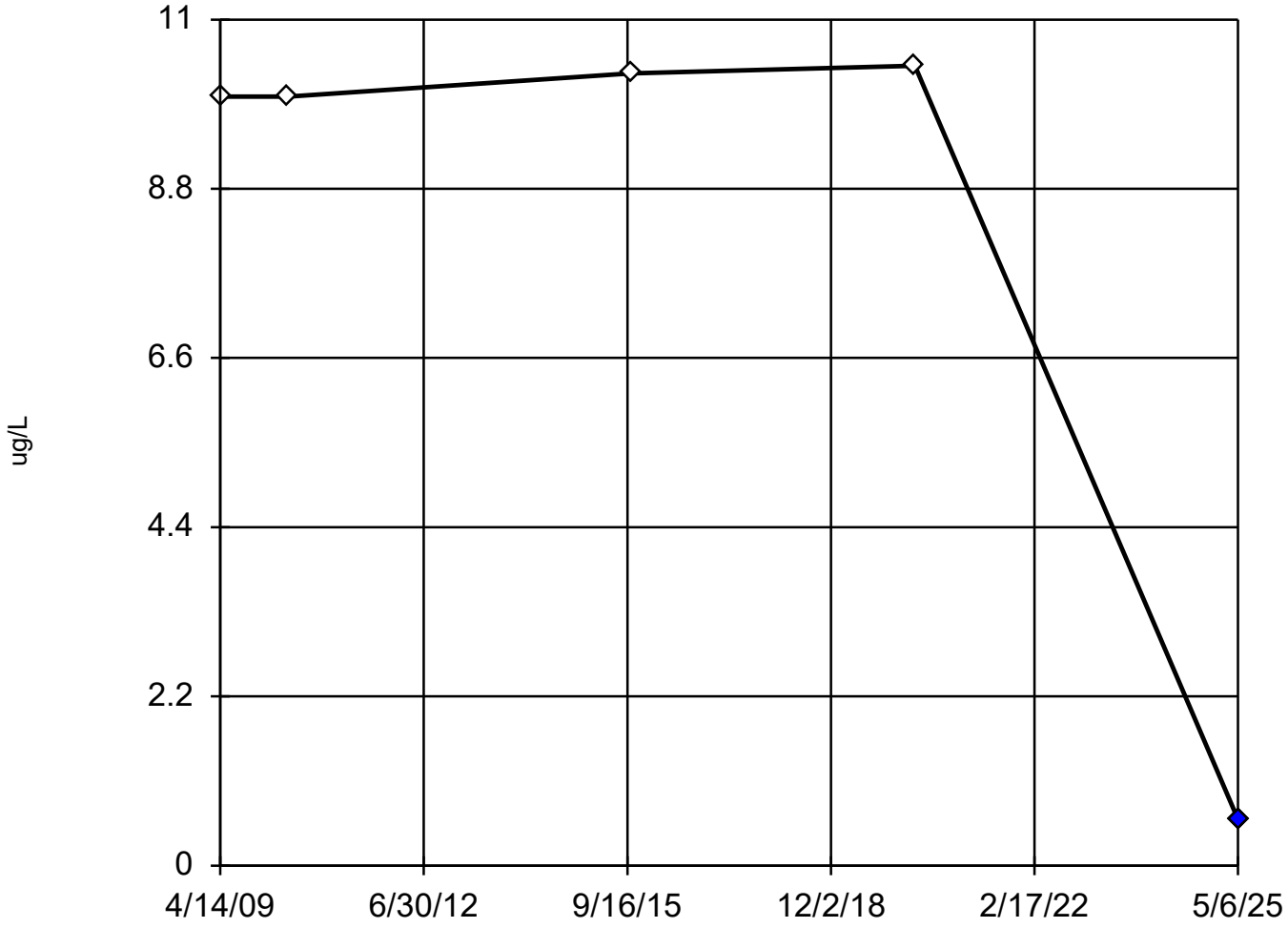
Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.261.
Std. Dev. = 4.284.
<0.604: c = 0.9592
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8294
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

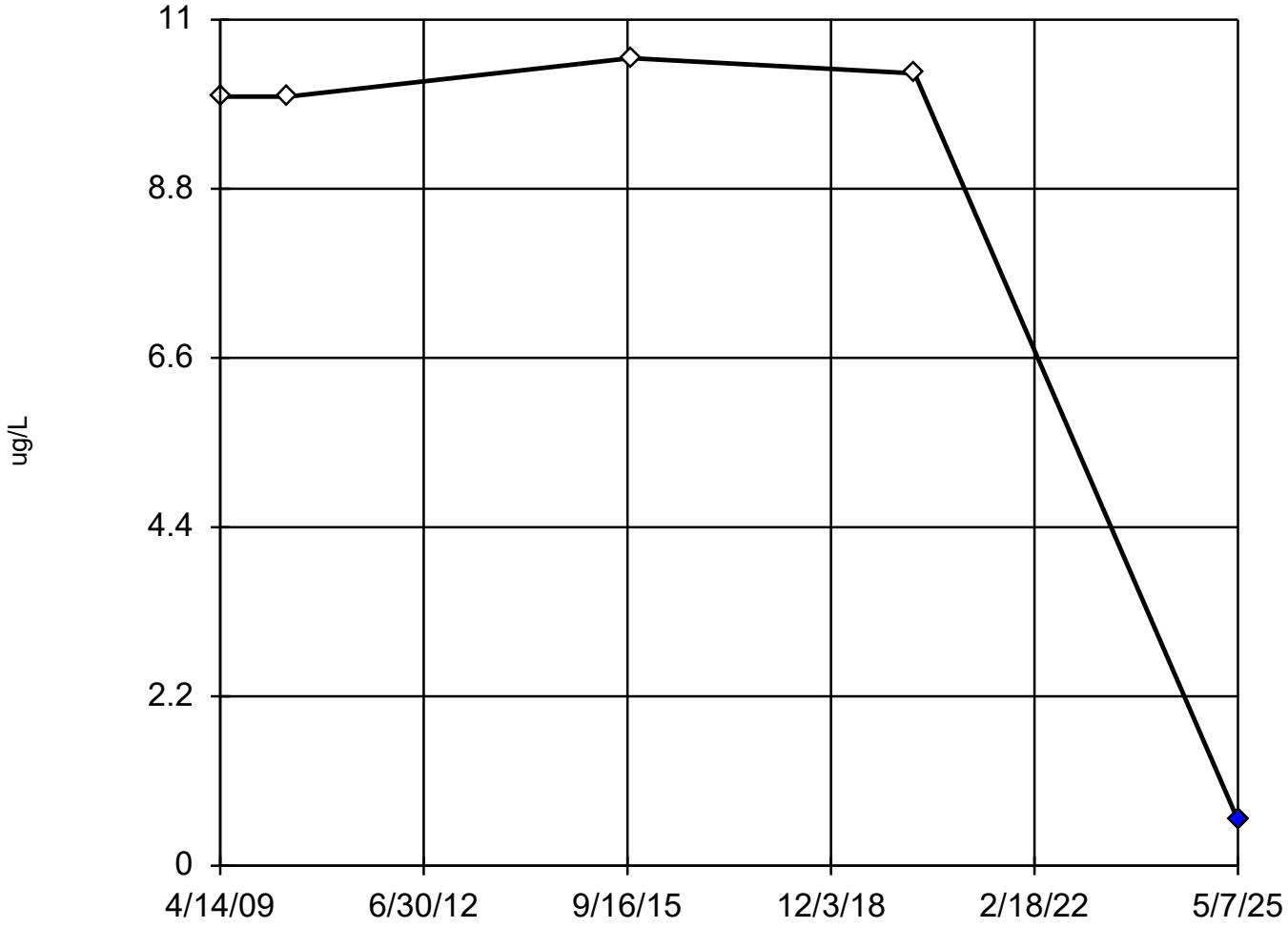
Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:42 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-24A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.278.
Std. Dev. = 4.302.
<0.592: c = 0.9495
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.862
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

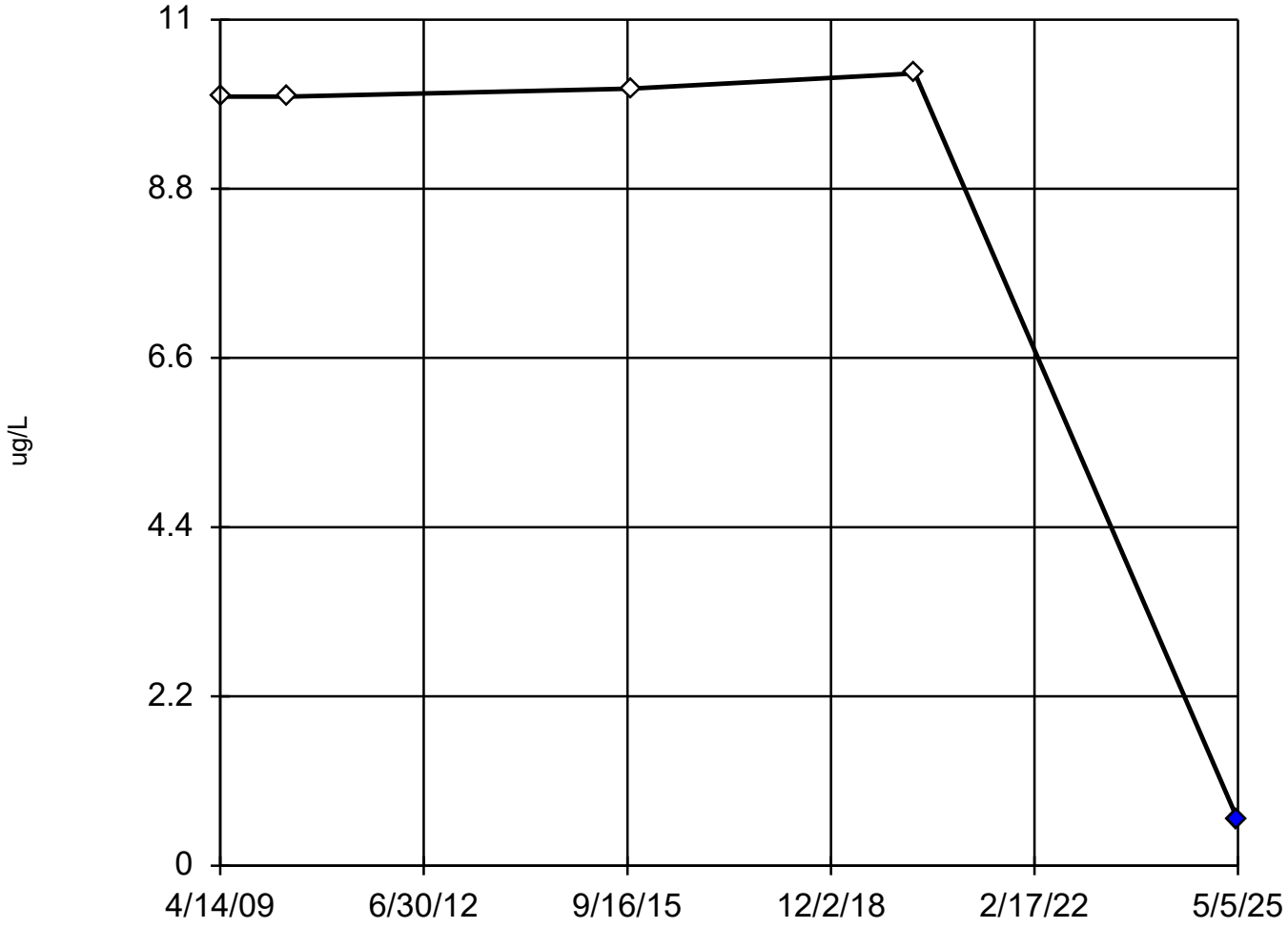
Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:42 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-29A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.198.
Std. Dev. = 4.254.
<0.592: c = 0.9691
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8283
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

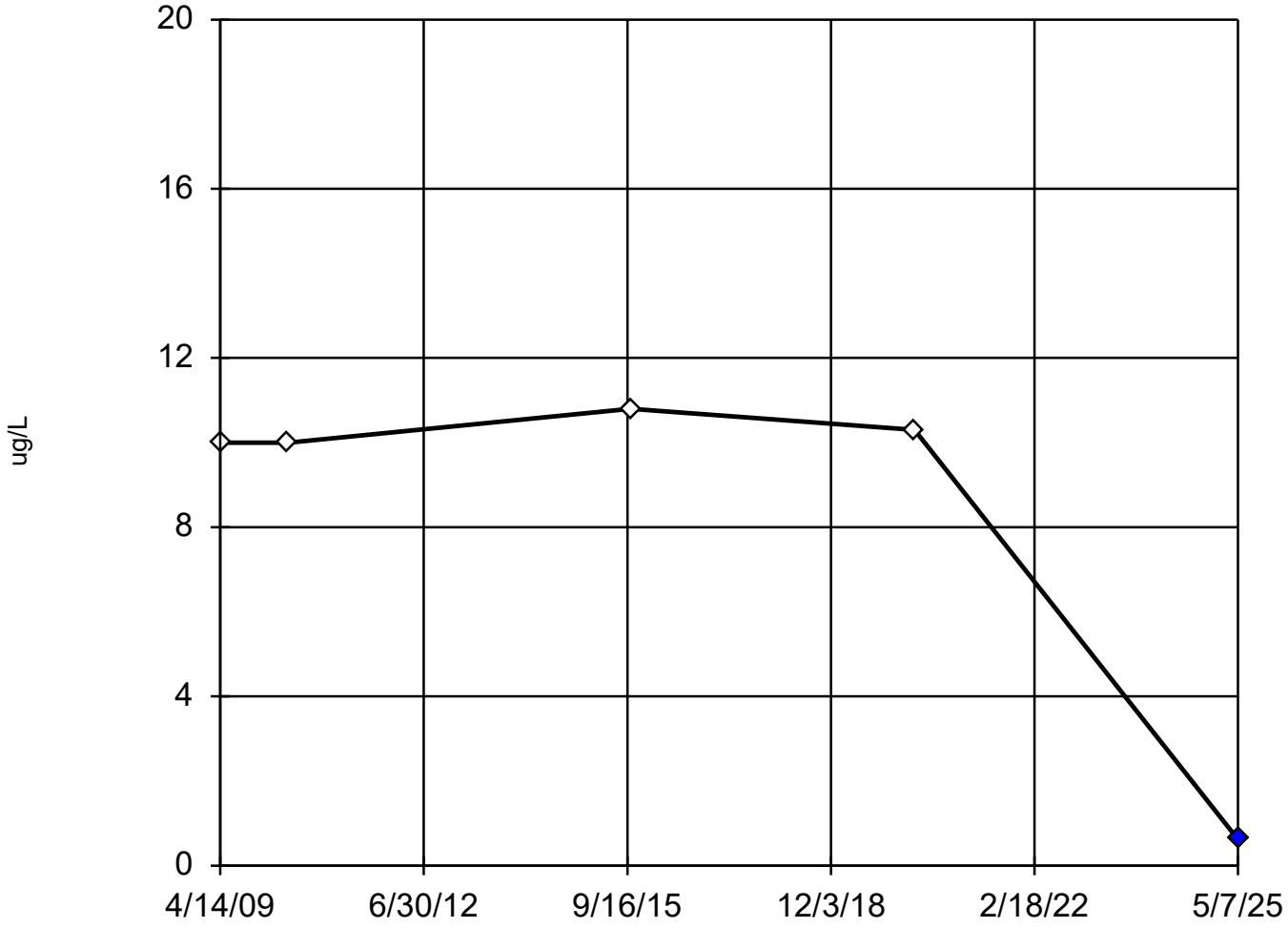
Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:42 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.343.
Std. Dev. = 4.332.
<0.617: c = 0.9214
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8423
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:42 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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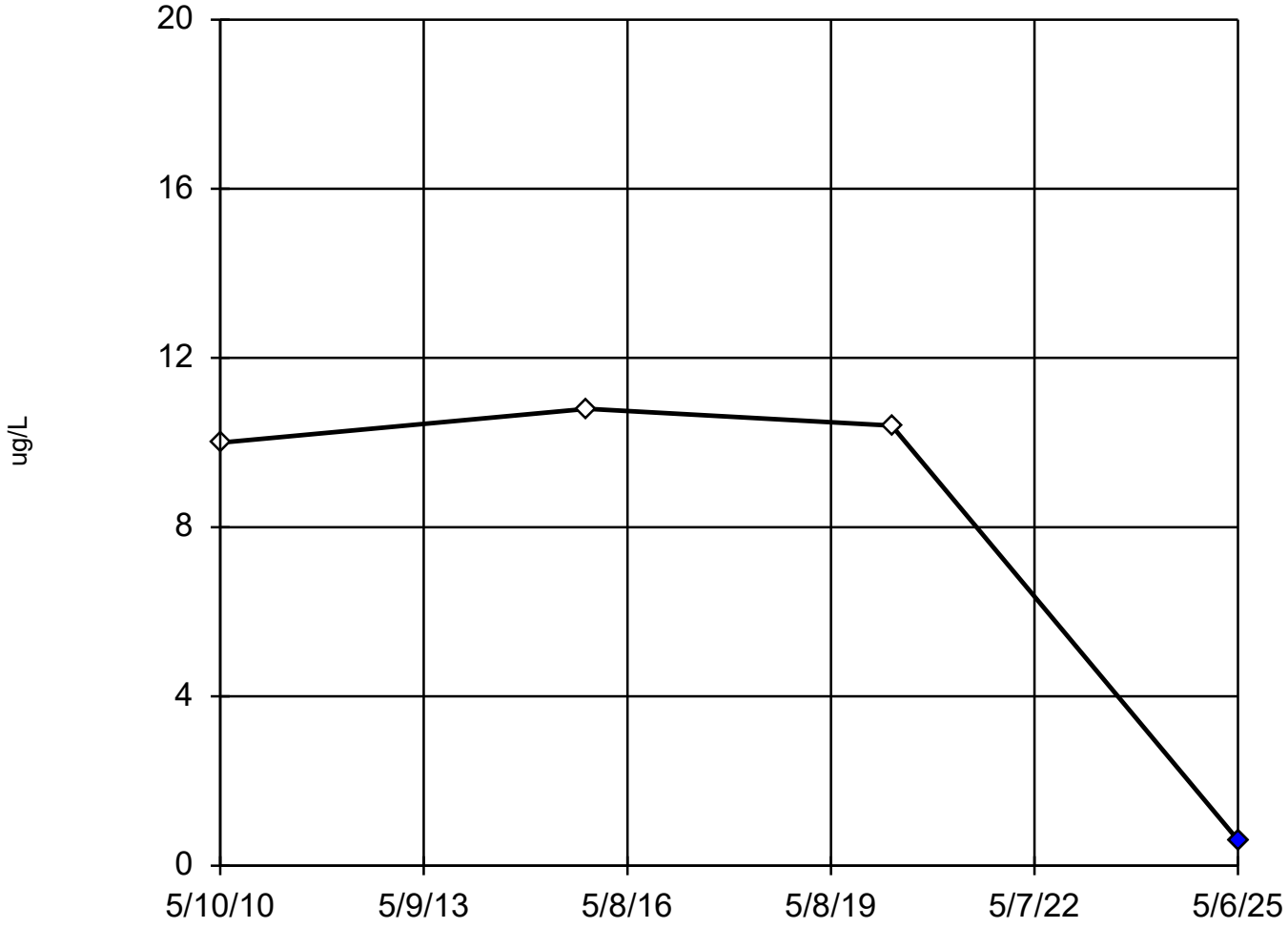
Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.951.
Std. Dev. = 4.909.
<0.604: c = 0.9215
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 1
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:42 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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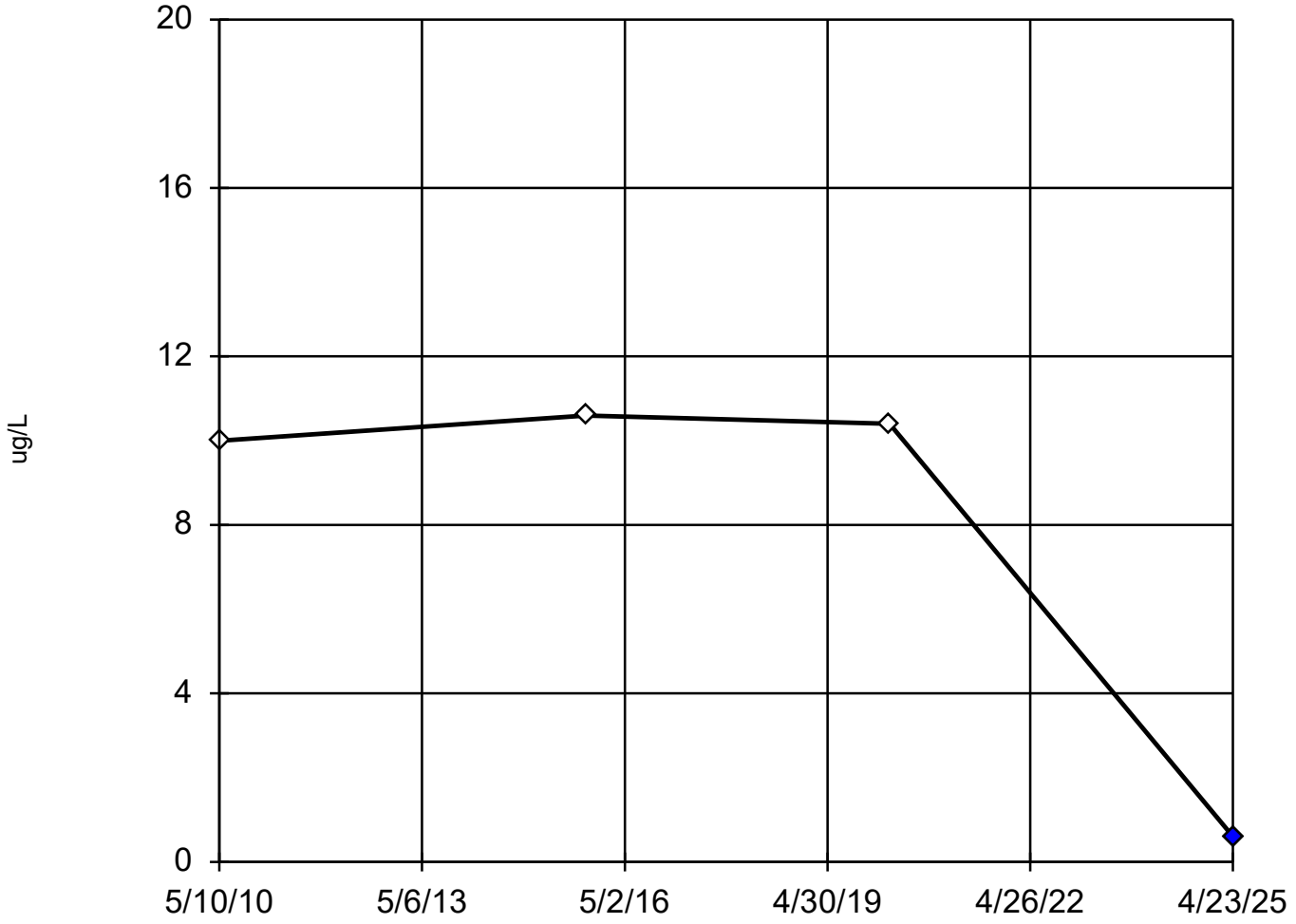
Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.901.
Std. Dev. = 4.871.
<0.604: c = 0.94
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:42 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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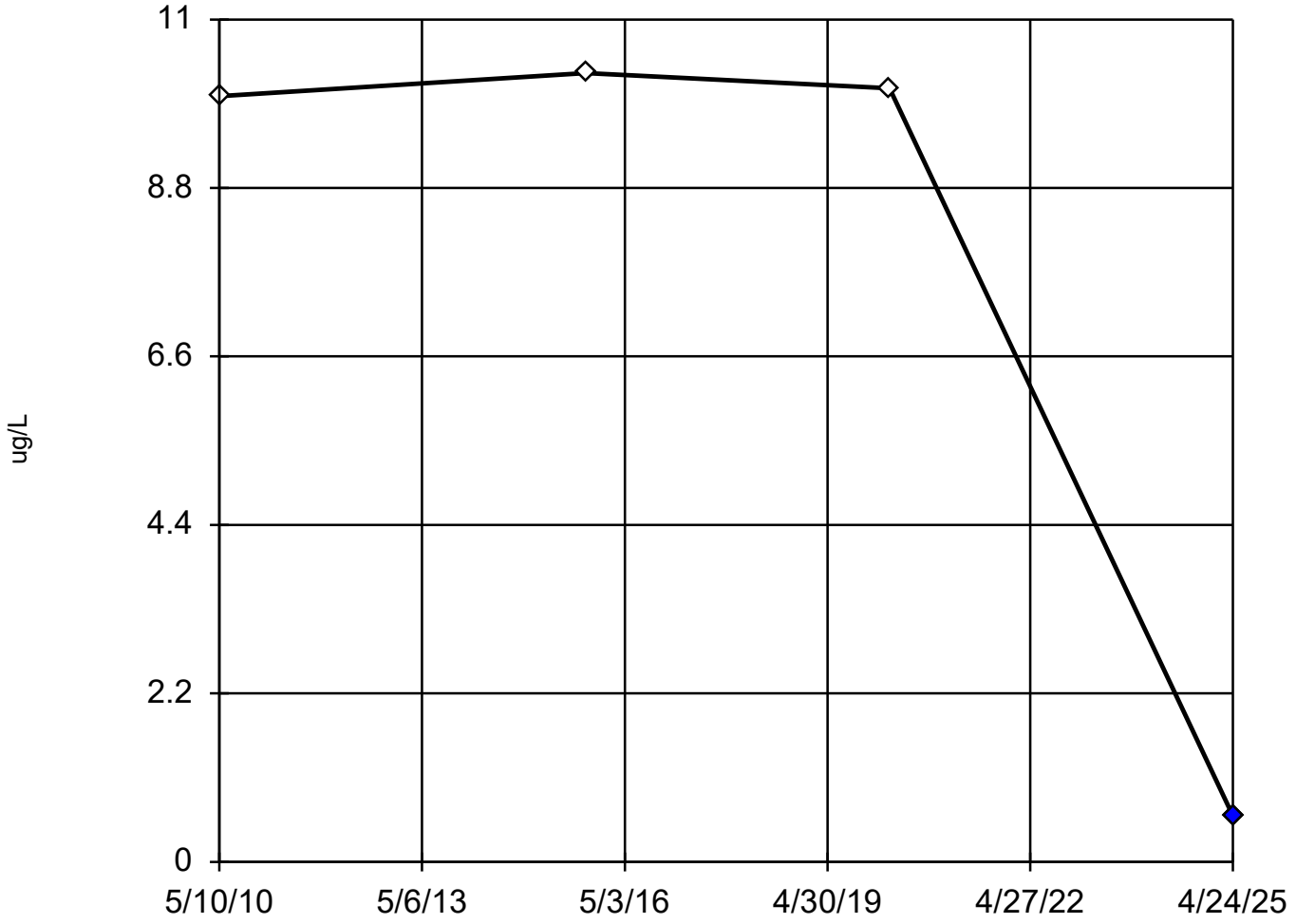
Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.751.
Std. Dev. = 4.766.
<0.604: c = 0.9691
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:42 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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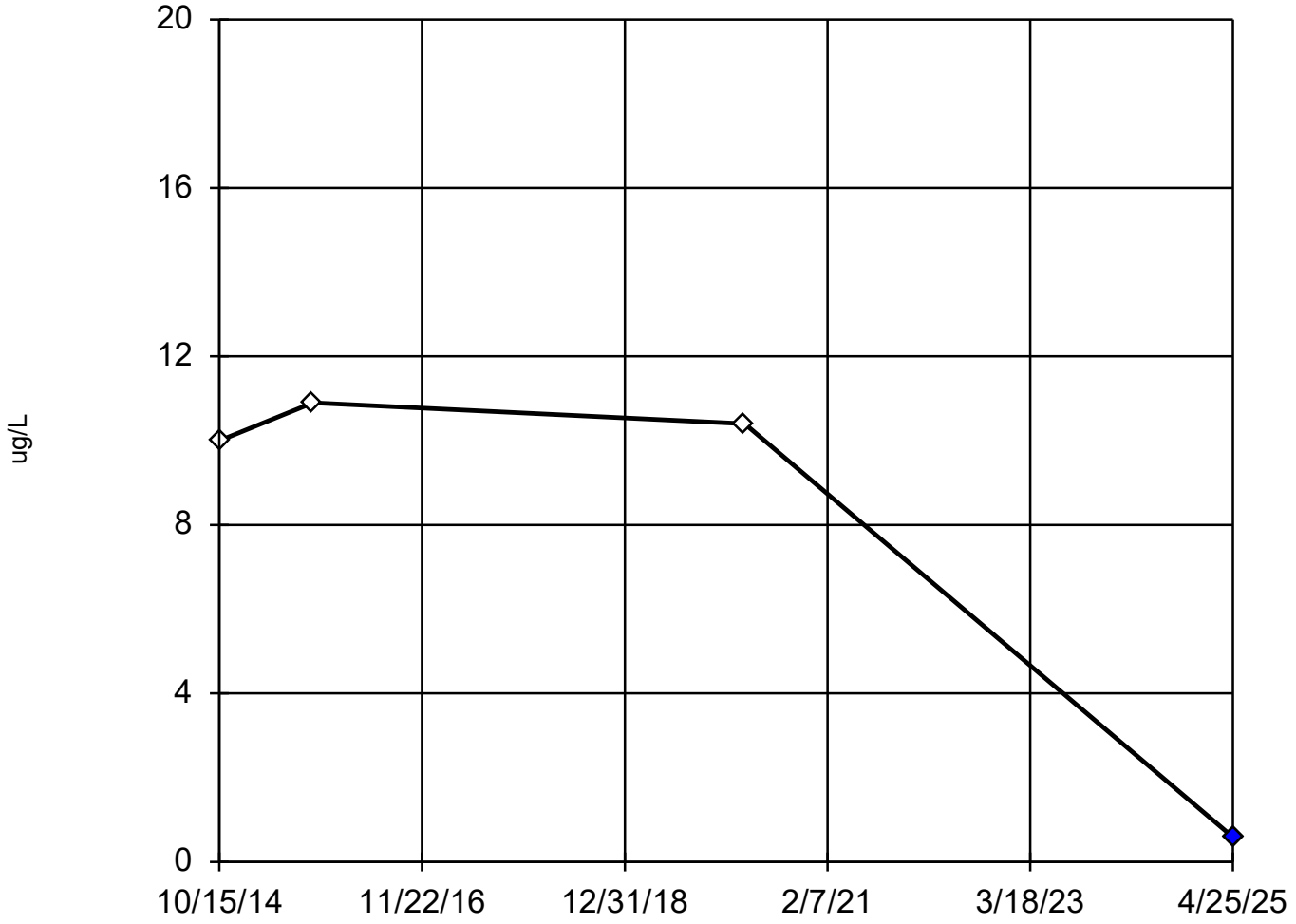
Dixon's Outlier Test

MW-208B



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.973.
Std. Dev. = 4.934.
<0.592: c = 0.9127
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9959
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:42 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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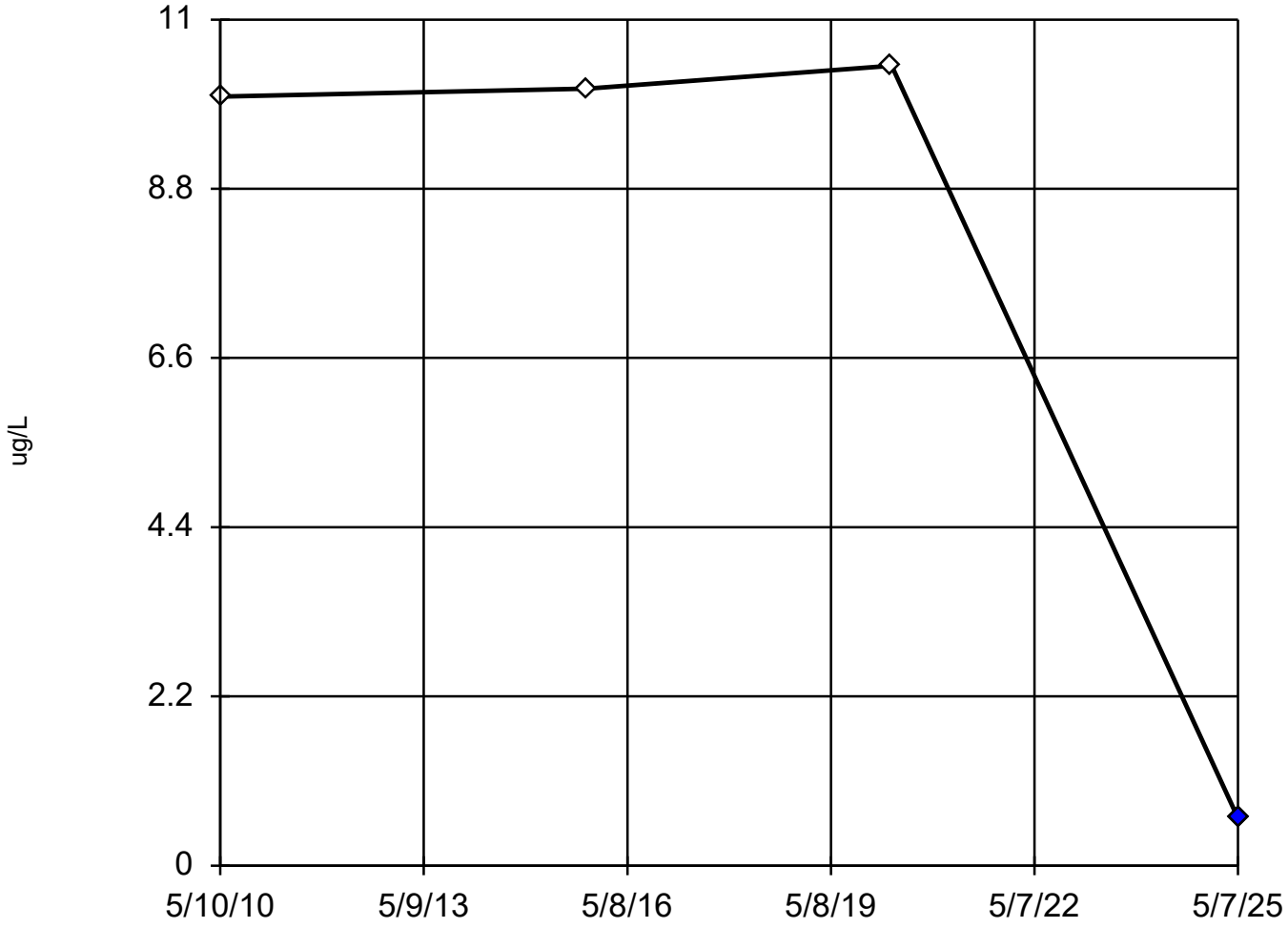
Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.779.
Std. Dev. = 4.778.
<0.617: c = 0.9591
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9231
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:42 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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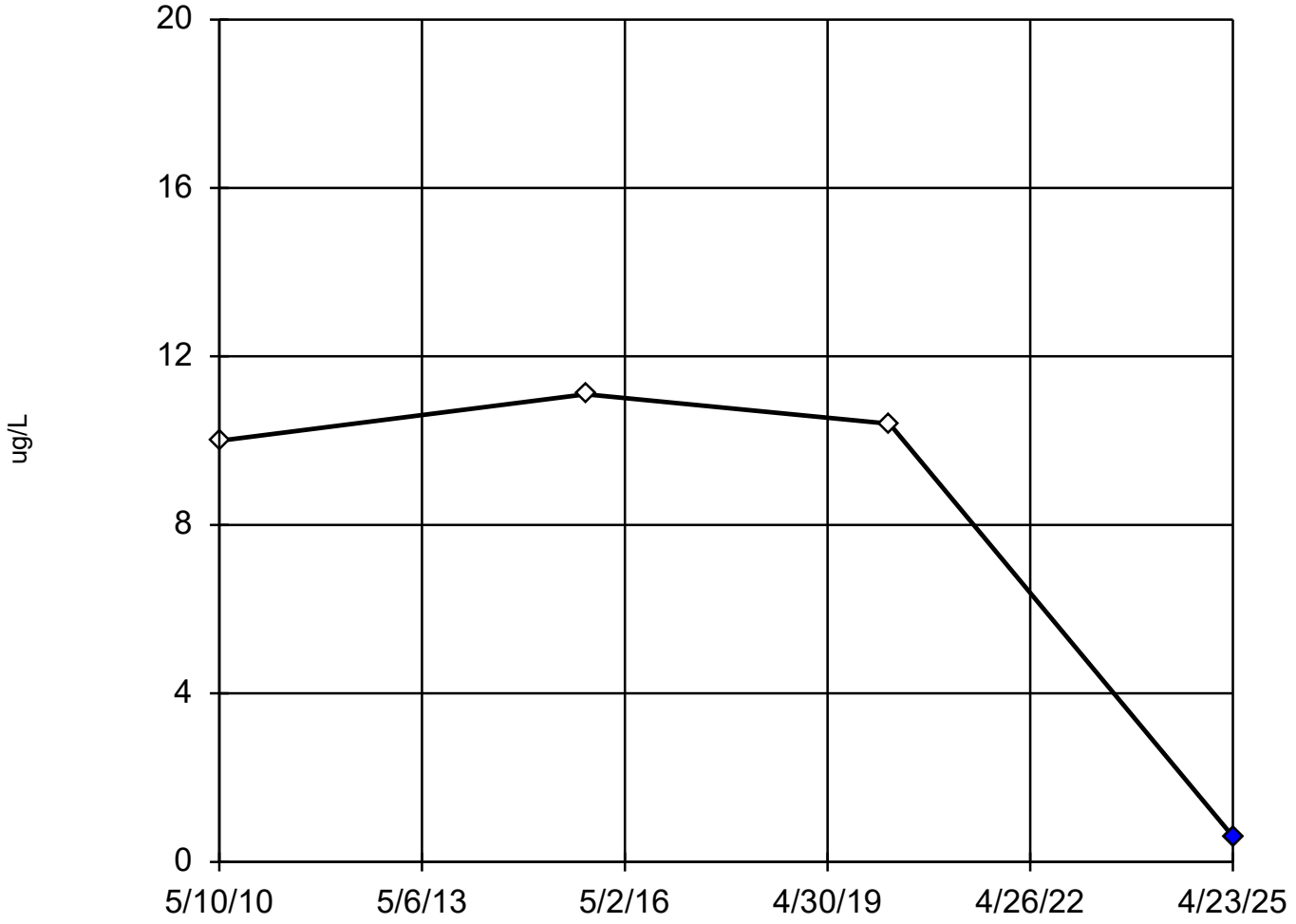
Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.026.
Std. Dev. = 4.969.
<0.604: c = 0.8952
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9758
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

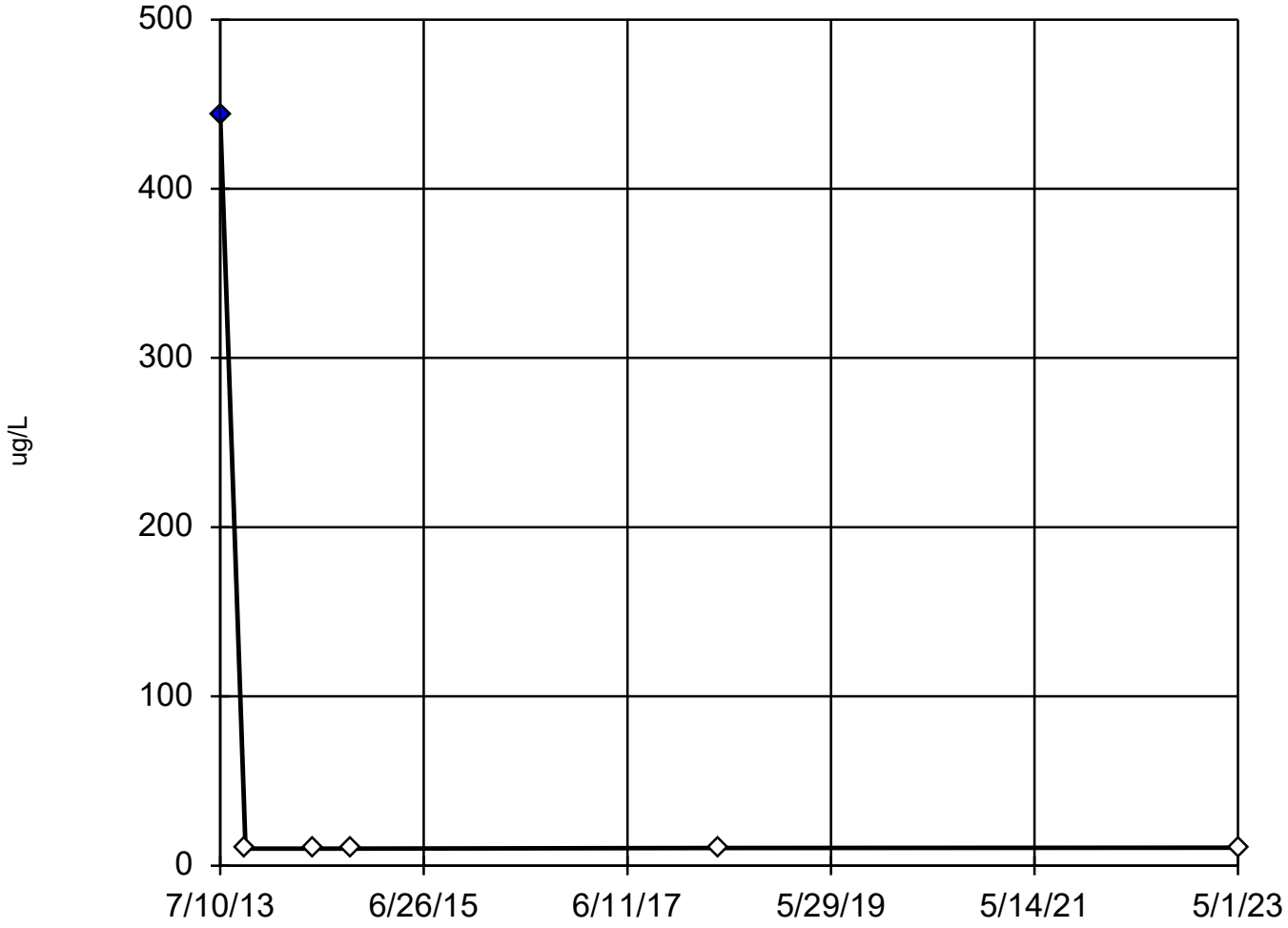
Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:43 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-219A



n = 6

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 82.38.
Std. Dev. = 176.7.
443 (o): c = 0.9986
tabl = 0.56.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8401
Critical = 0.806
The distribution, after removal of suspect value, was found to be normally distributed.

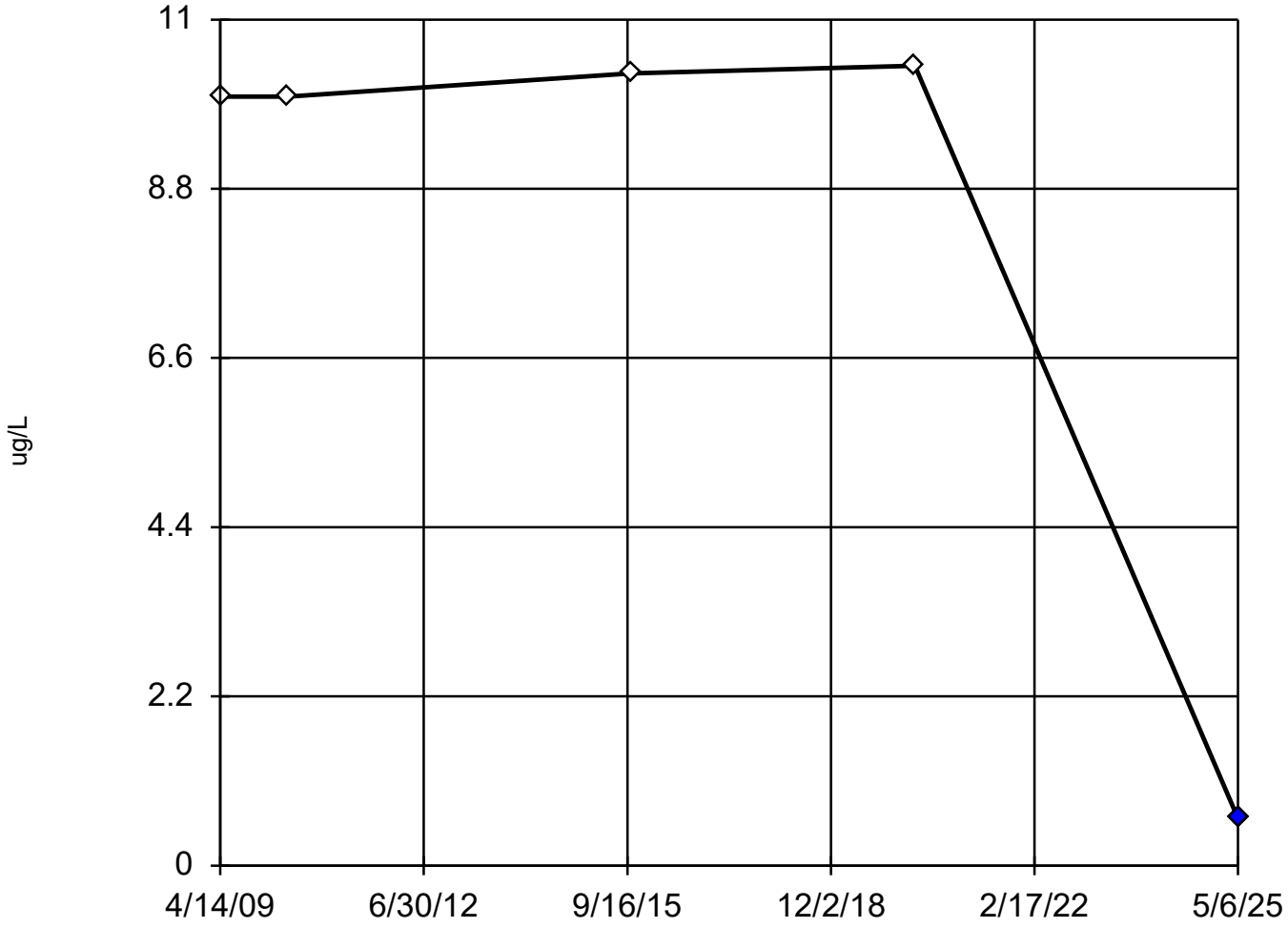
Constituent: 2,4-Dimethylphenol Analysis Run 7/1/2026 3:43 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.263.
Std. Dev. = 4.279.
<0.615: c = 0.9591
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8294
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:44 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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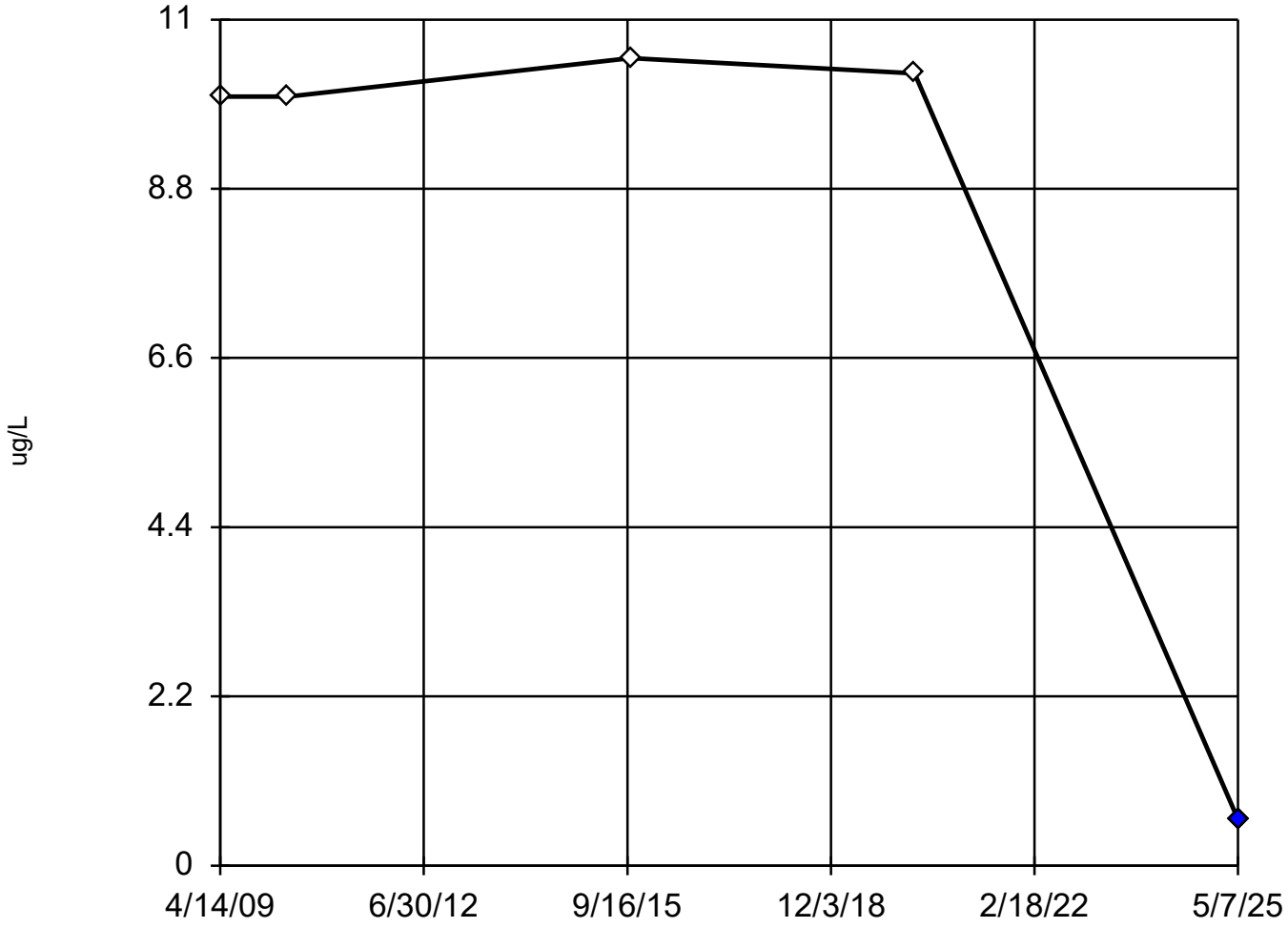
Dixon's Outlier Test

MW-24A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.28.
Std. Dev. = 4.298.
<0.602: c = 0.9495
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.862
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:44 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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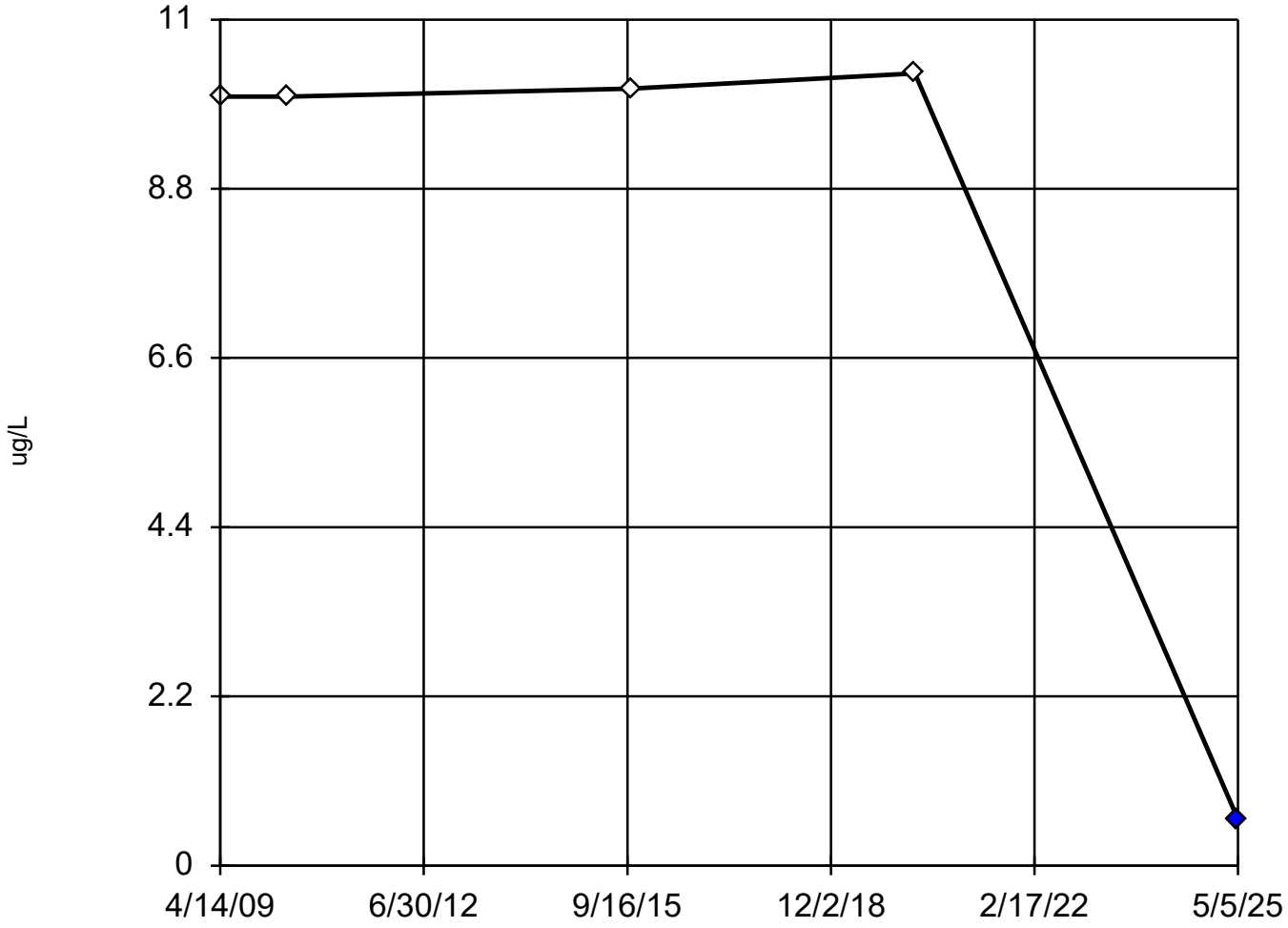
Dixon's Outlier Test

MW-29A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.2.
Std. Dev. = 4.249.
<0.602: c = 0.9691
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8283
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:44 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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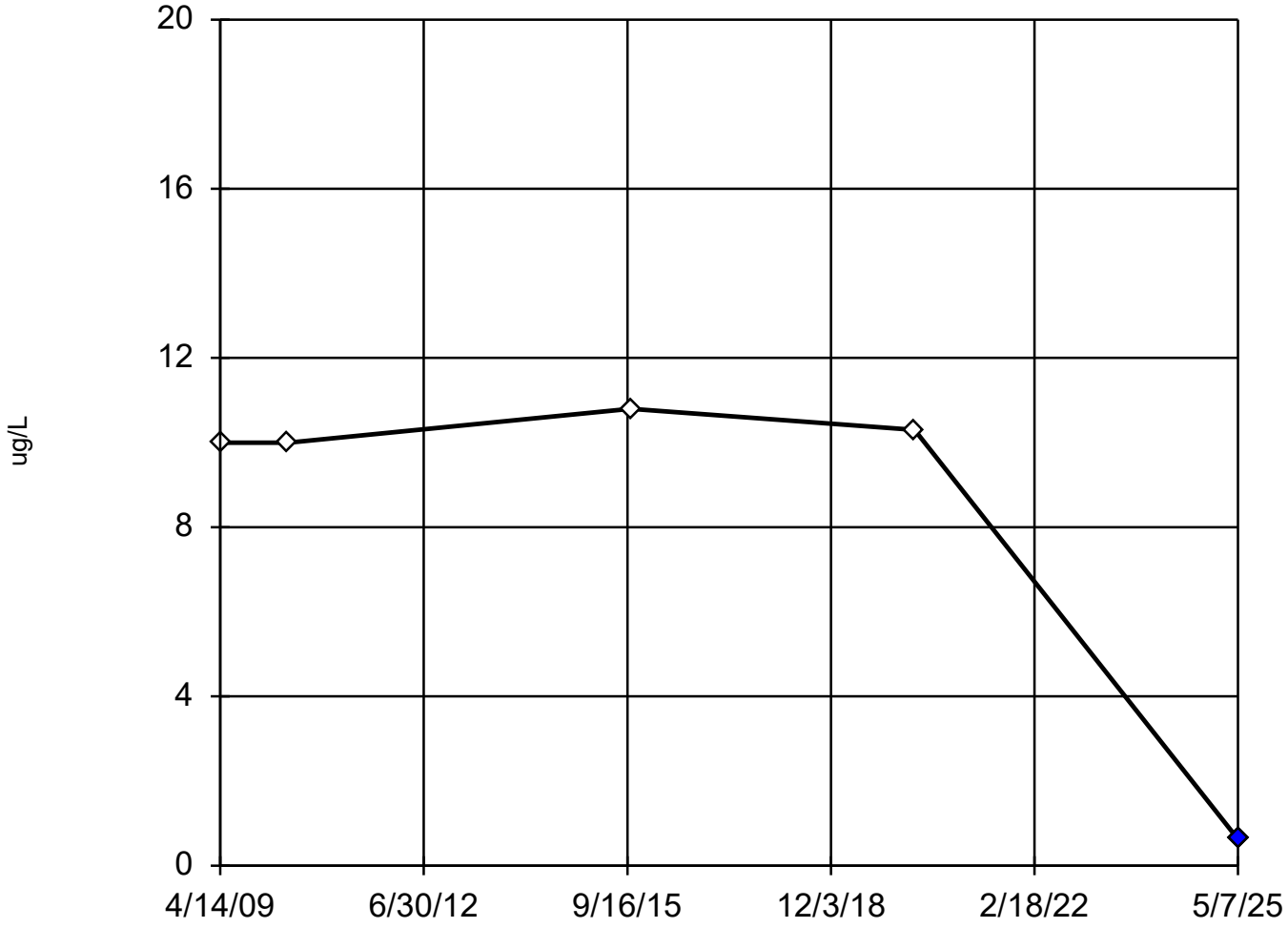
Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.346.
Std. Dev. = 4.327.
<0.628: c = 0.9214
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8423
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:44 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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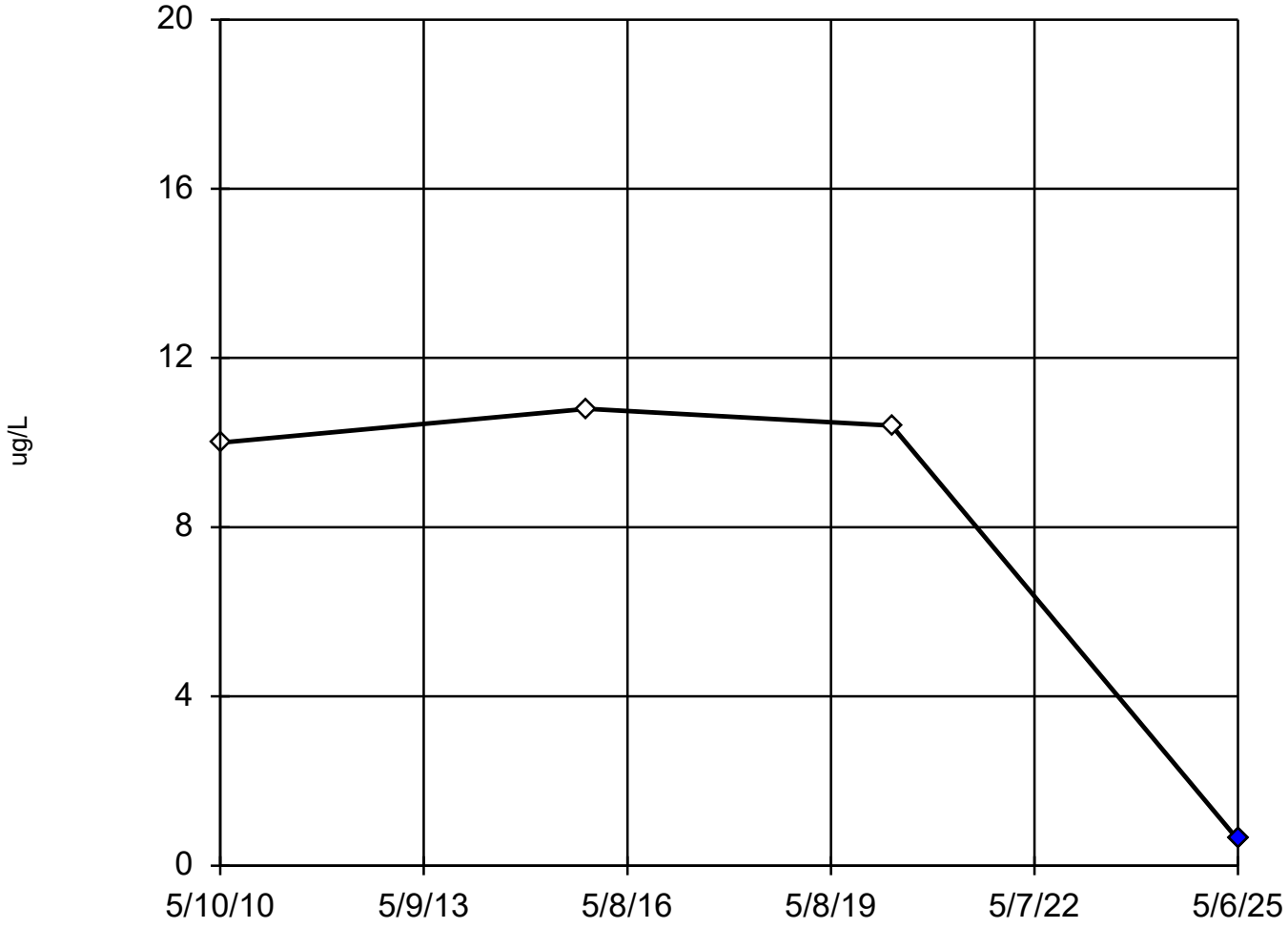
Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.954.
Std. Dev. = 4.903.
<0.615: c = 0.9215
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 1
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:44 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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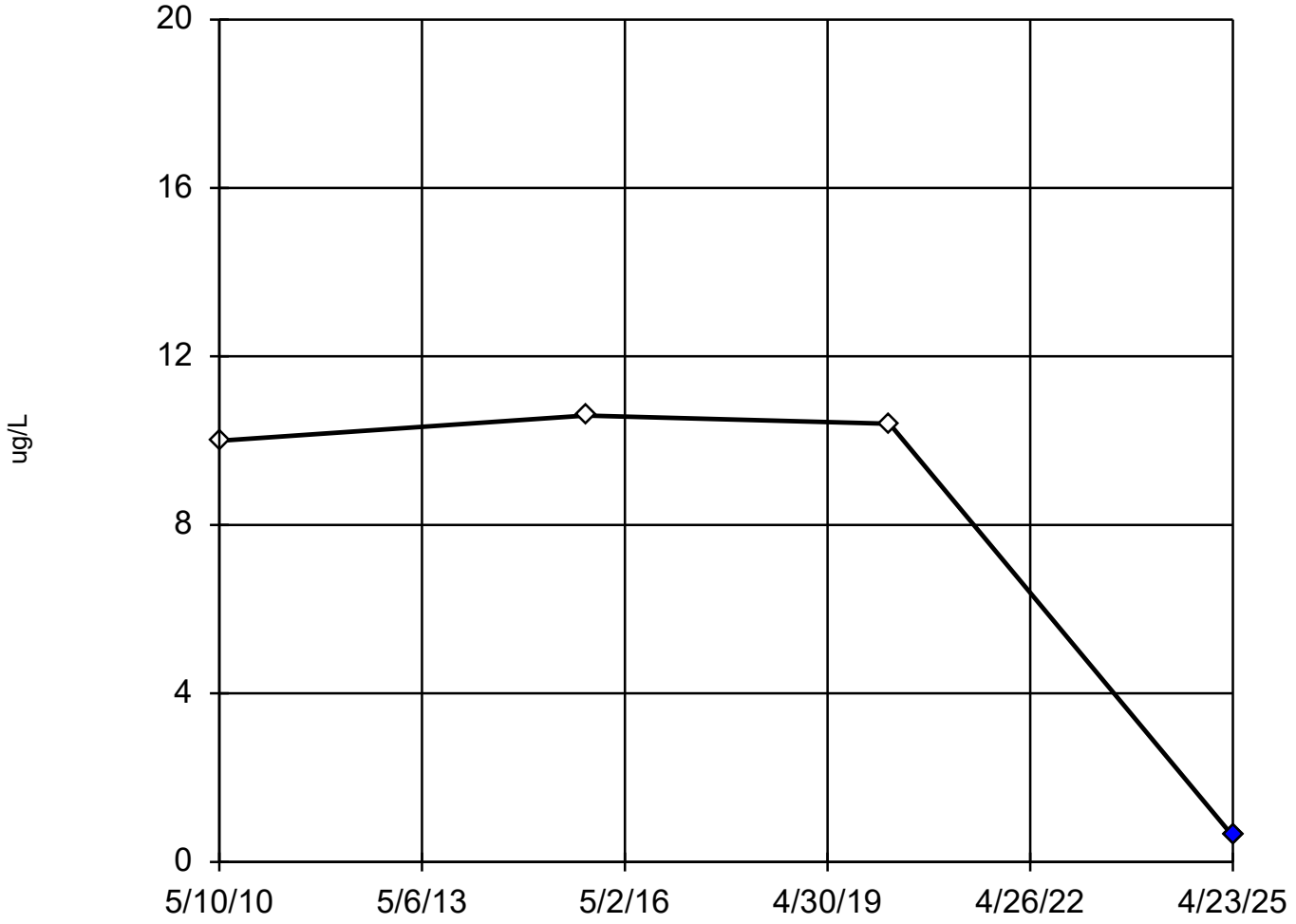
Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.904.
Std. Dev. = 4.866.
<0.615: c = 0.9399
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

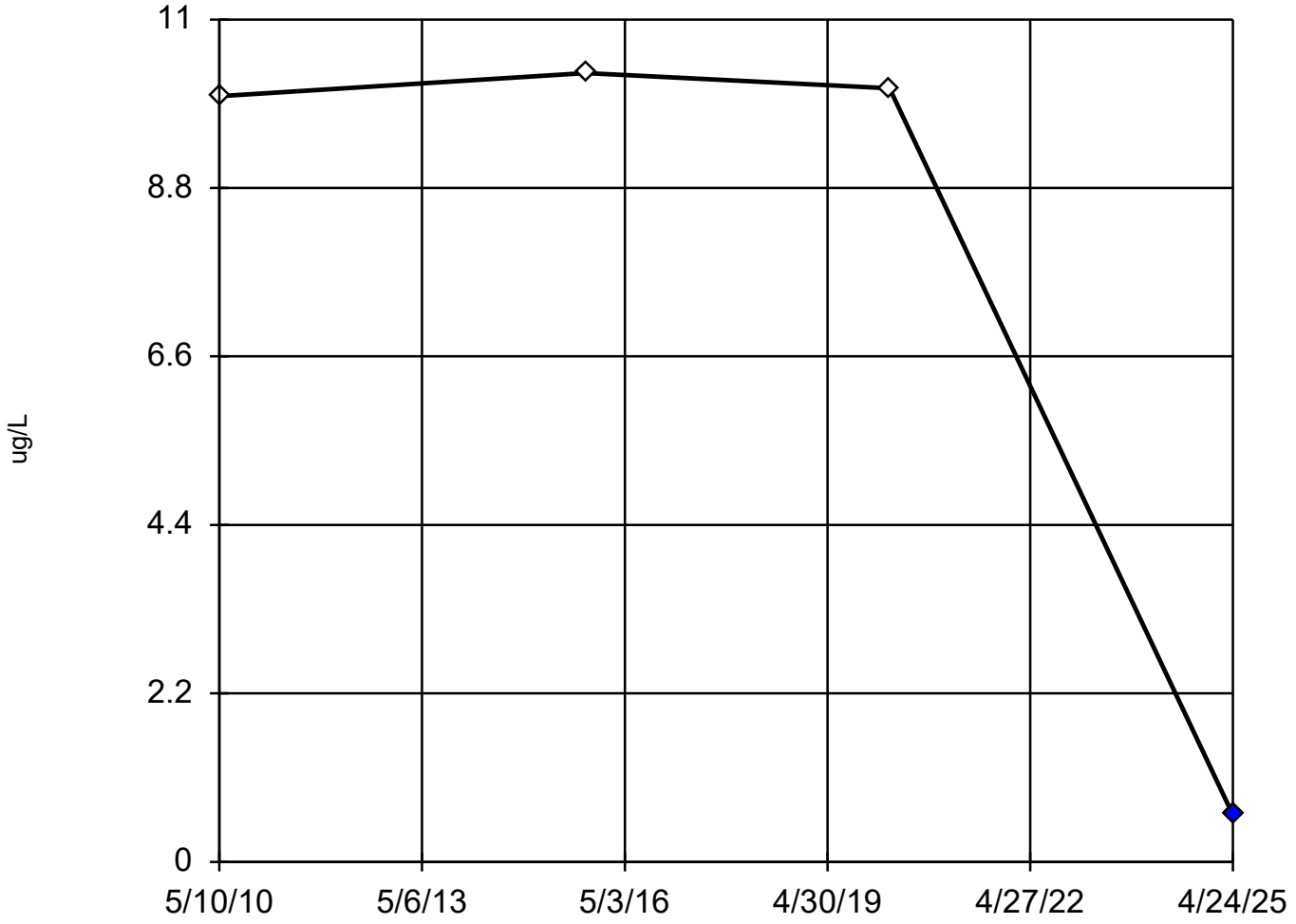
Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:44 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.754.
Std. Dev. = 4.761.
<0.615: c = 0.969
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:45 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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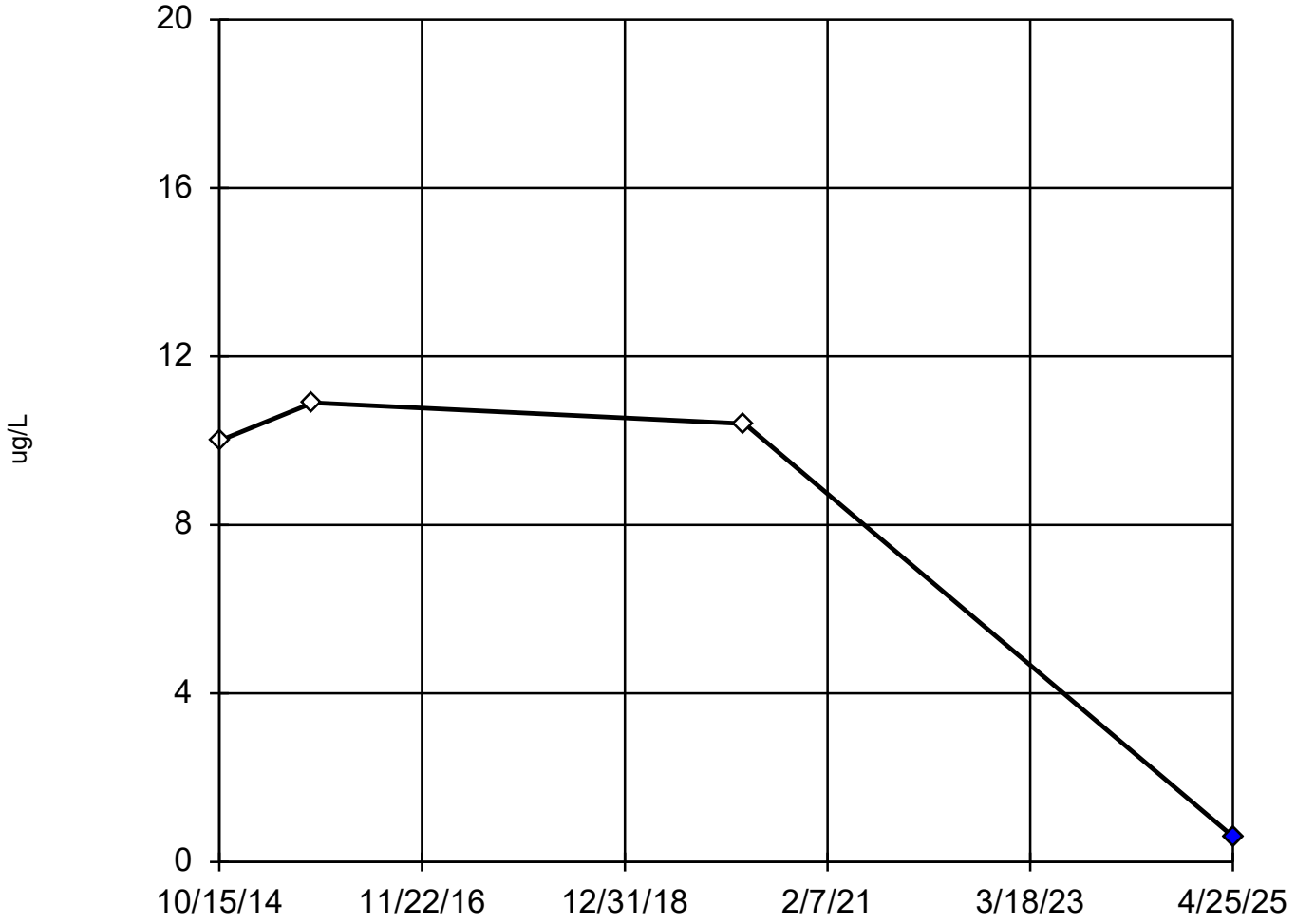
Dixon's Outlier Test

MW-208B



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.975.
Std. Dev. = 4.929.
<0.602: c = 0.9126
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9959
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

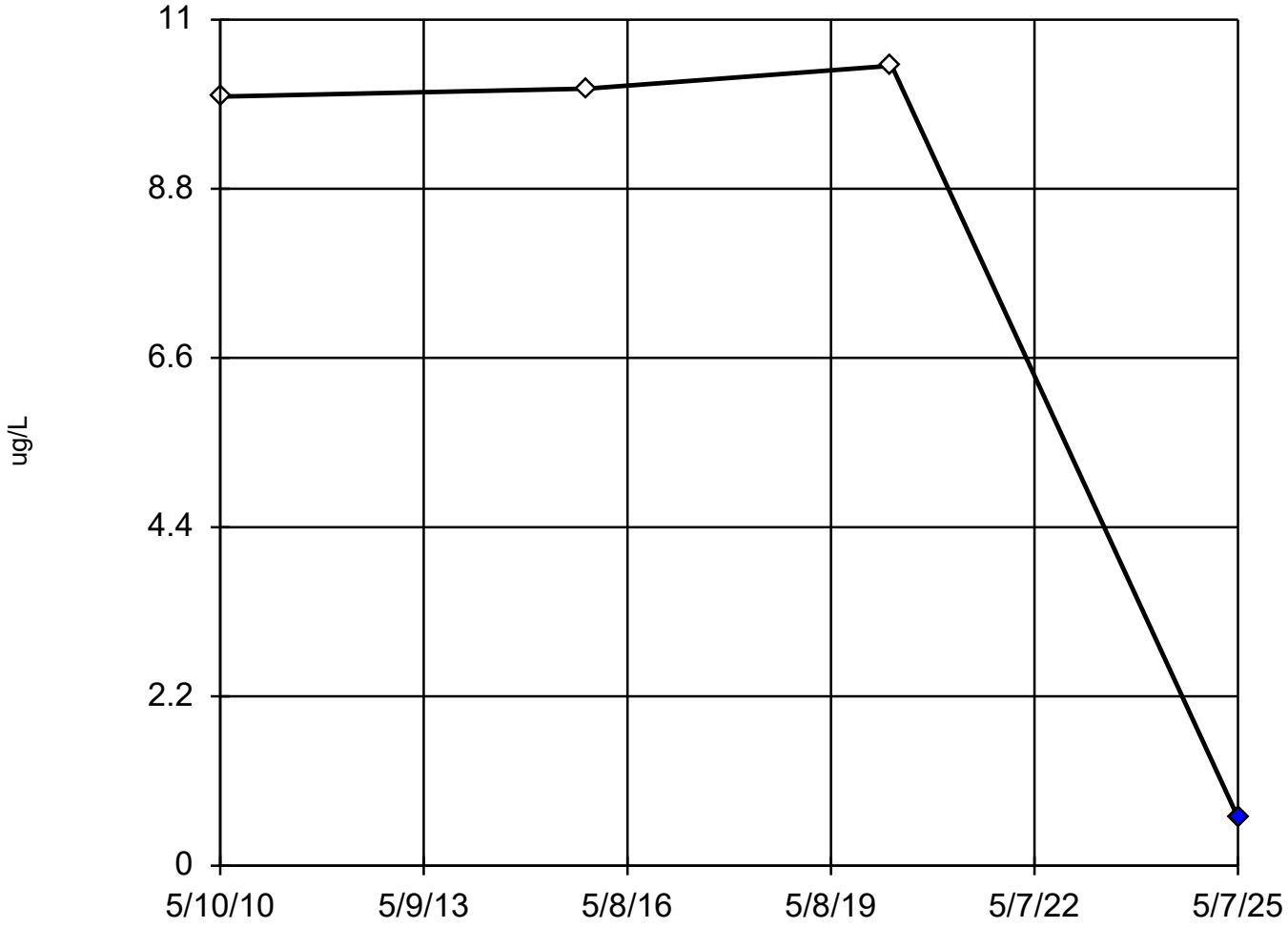
Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:45 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.782.
Std. Dev. = 4.772.
<0.628: c = 0.9591
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9231
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

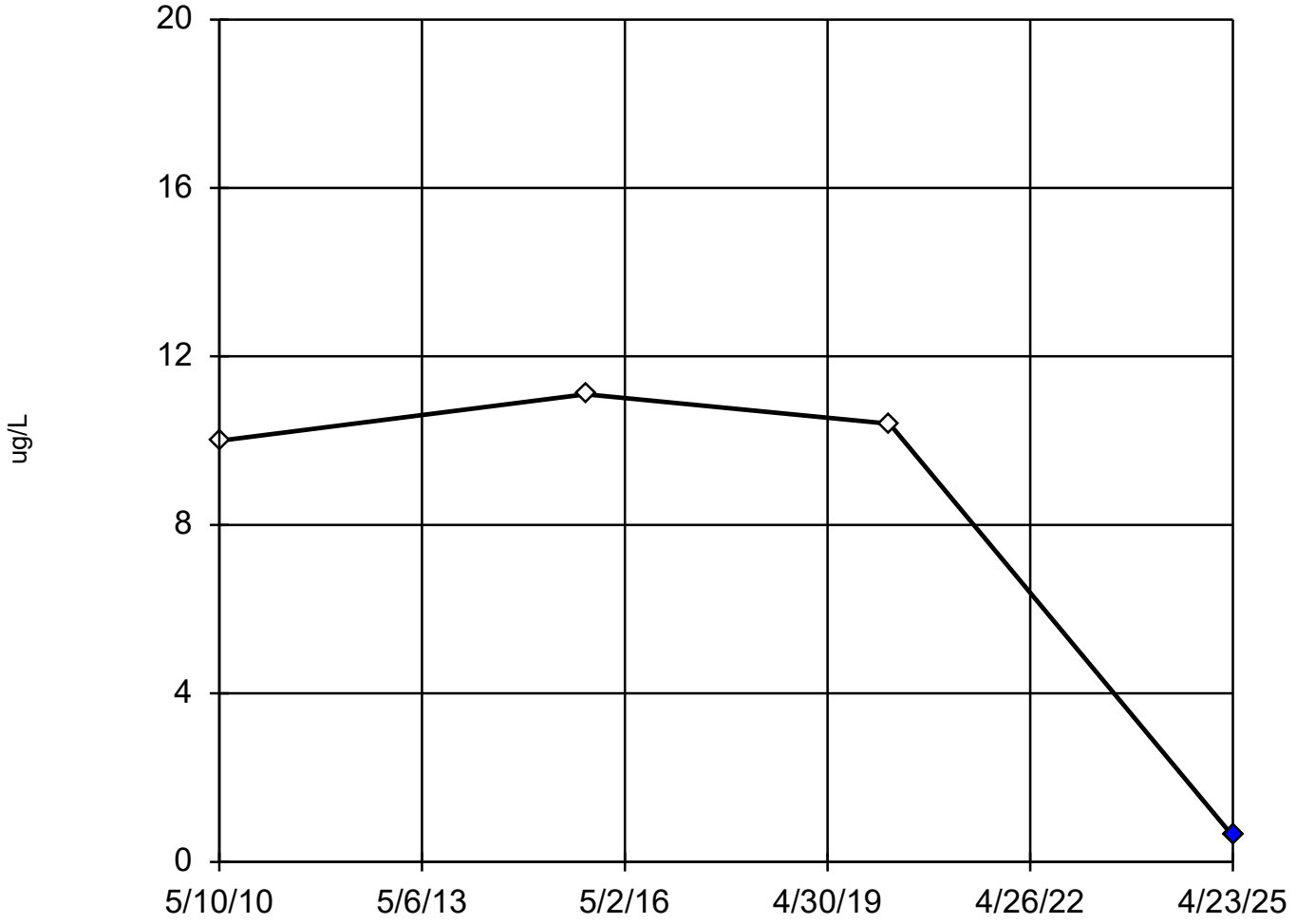
Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:45 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.029.
Std. Dev. = 4.963.
<0.615: c = 0.8951
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9758
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

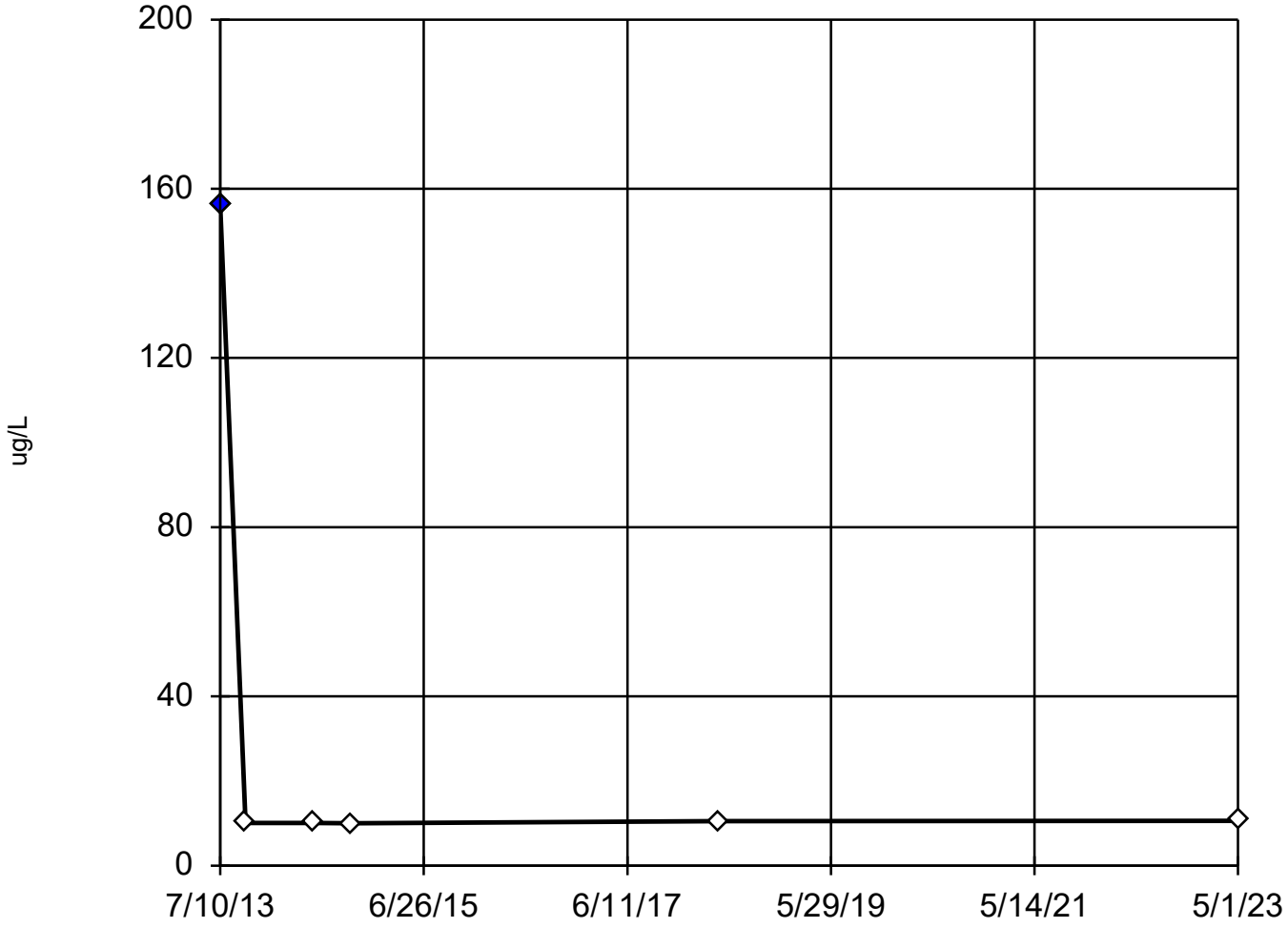
Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:45 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-219A



n = 6

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 34.55.
Std. Dev. = 59.5.
156 (o): c = 0.9959
tabl = 0.56.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8401
Critical = 0.806
The distribution, after removal of suspect value, was found to be normally distributed.

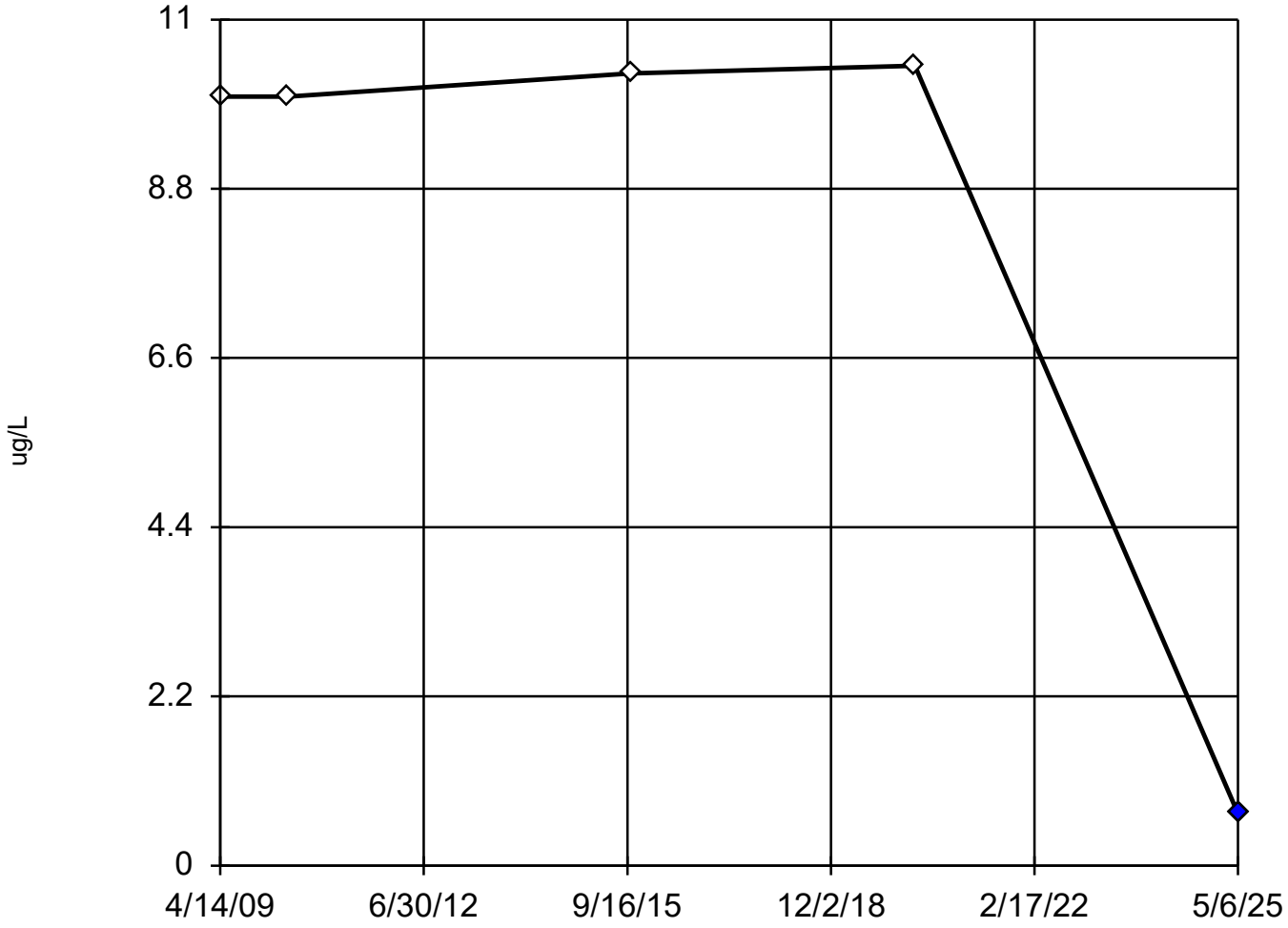
Constituent: 2-Methylnaphthalene Analysis Run 7/1/2026 3:45 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.275.
Std. Dev. = 4.251.
<0.677: c = 0.9589
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8294
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

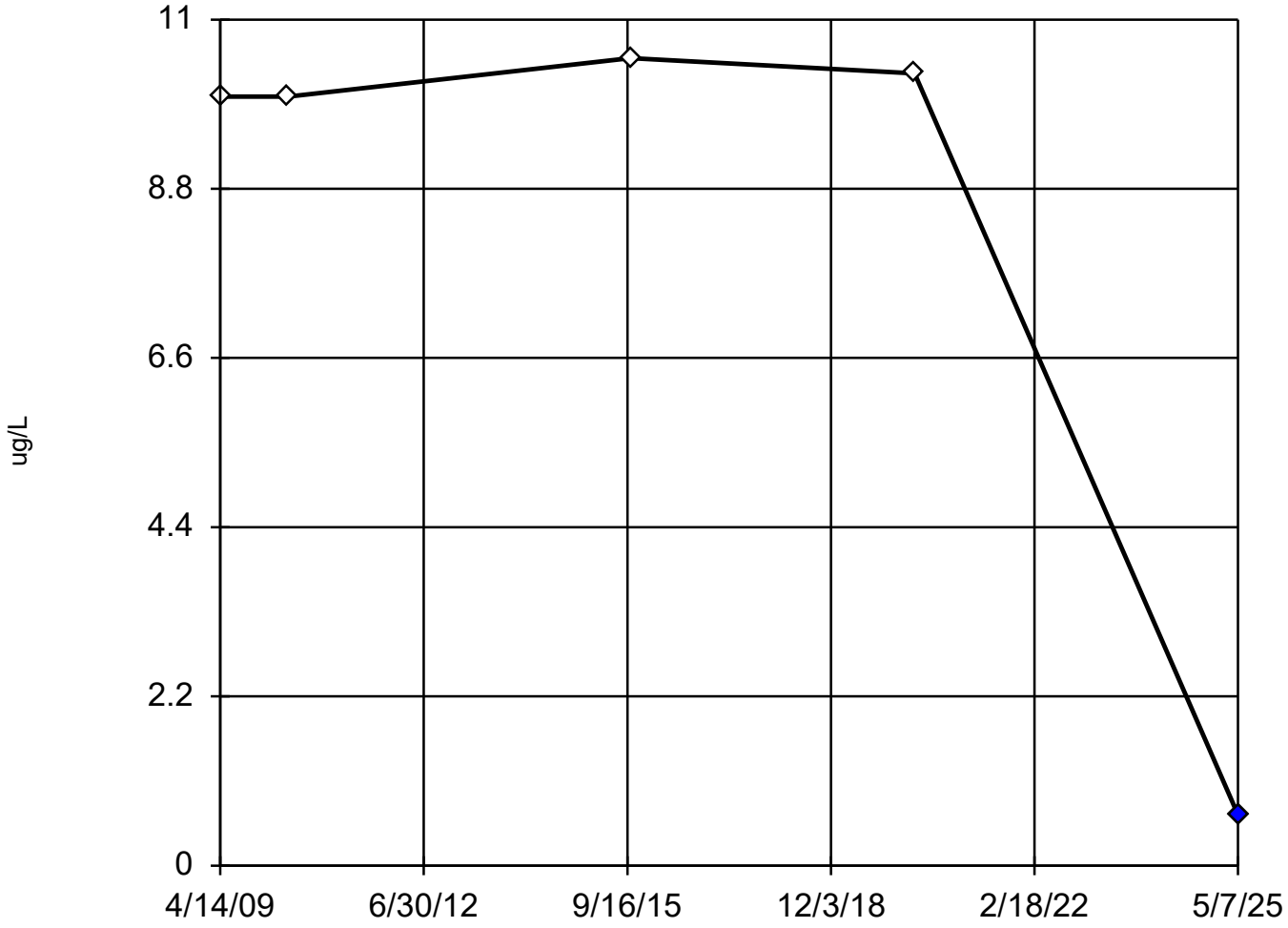
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:45 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-24A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.293.
Std. Dev. = 4.27.
<0.663: c = 0.9492
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.862
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

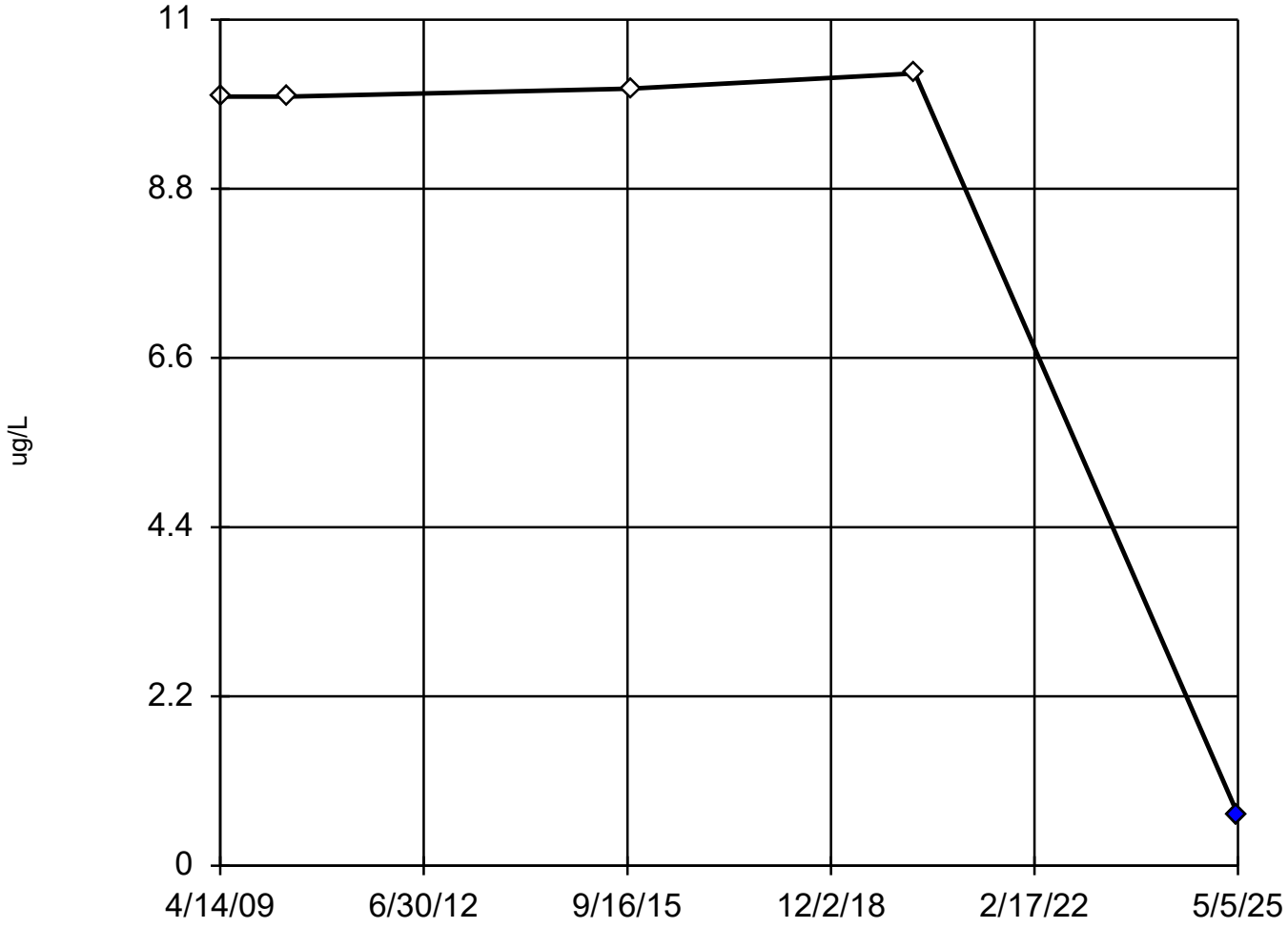
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:45 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-29A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.213.
Std. Dev. = 4.222.
<0.663: c = 0.9689
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8283
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

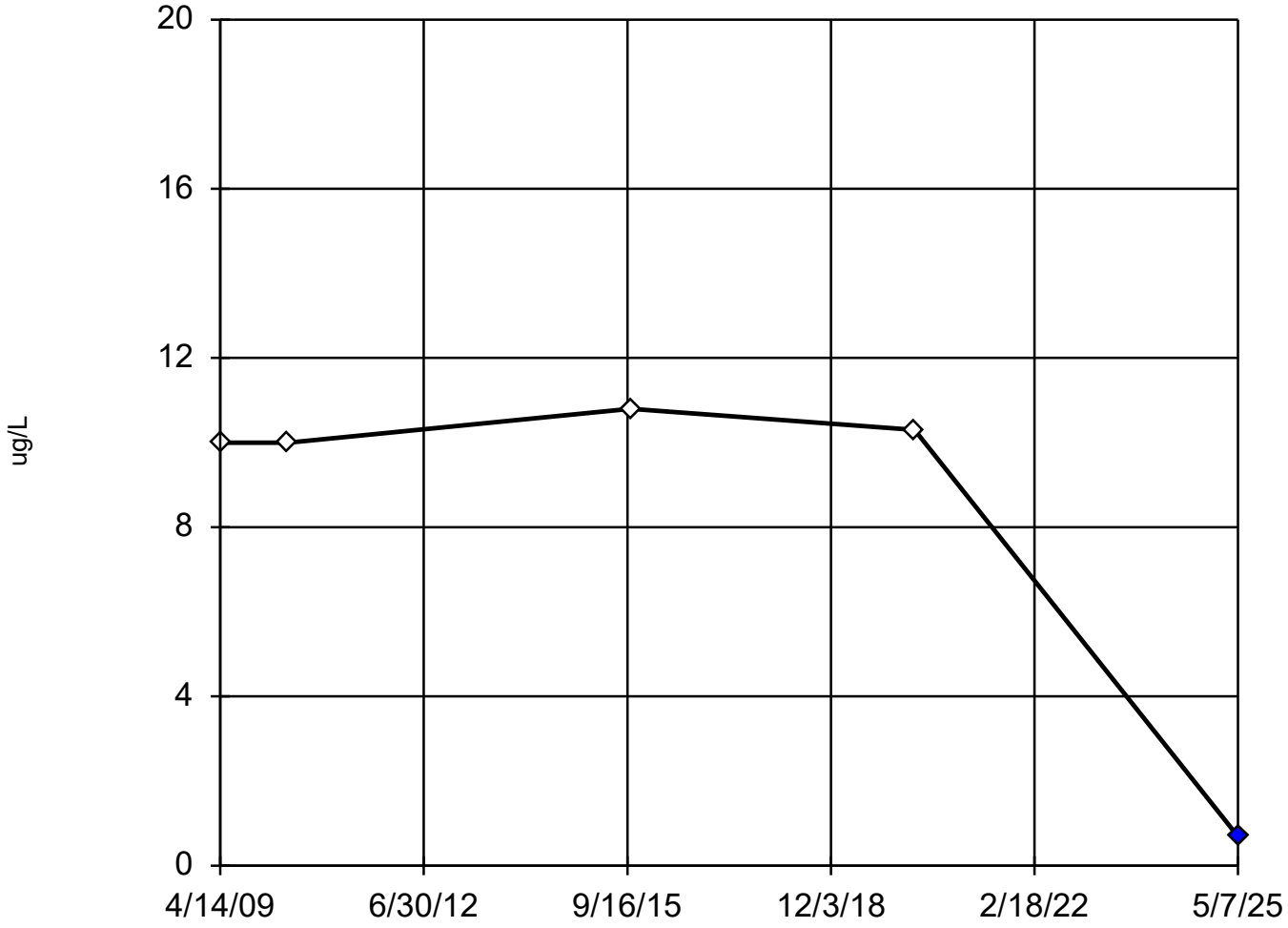
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:46 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.358.
Std. Dev. = 4.299.
<0.691: c = 0.9209
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8423
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

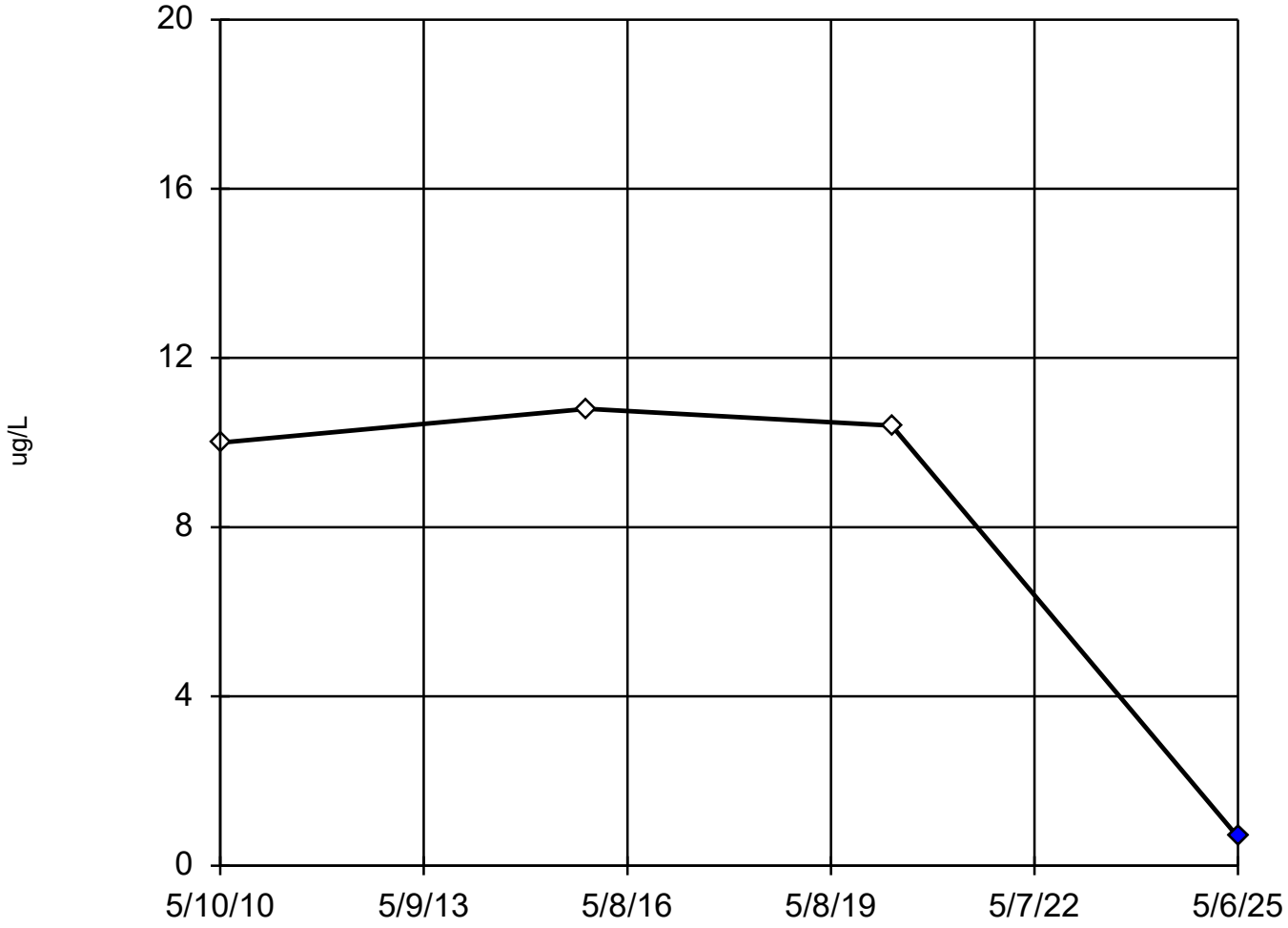
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:46 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.969.
Std. Dev. = 4.872.
<0.677: c = 0.921
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 1
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

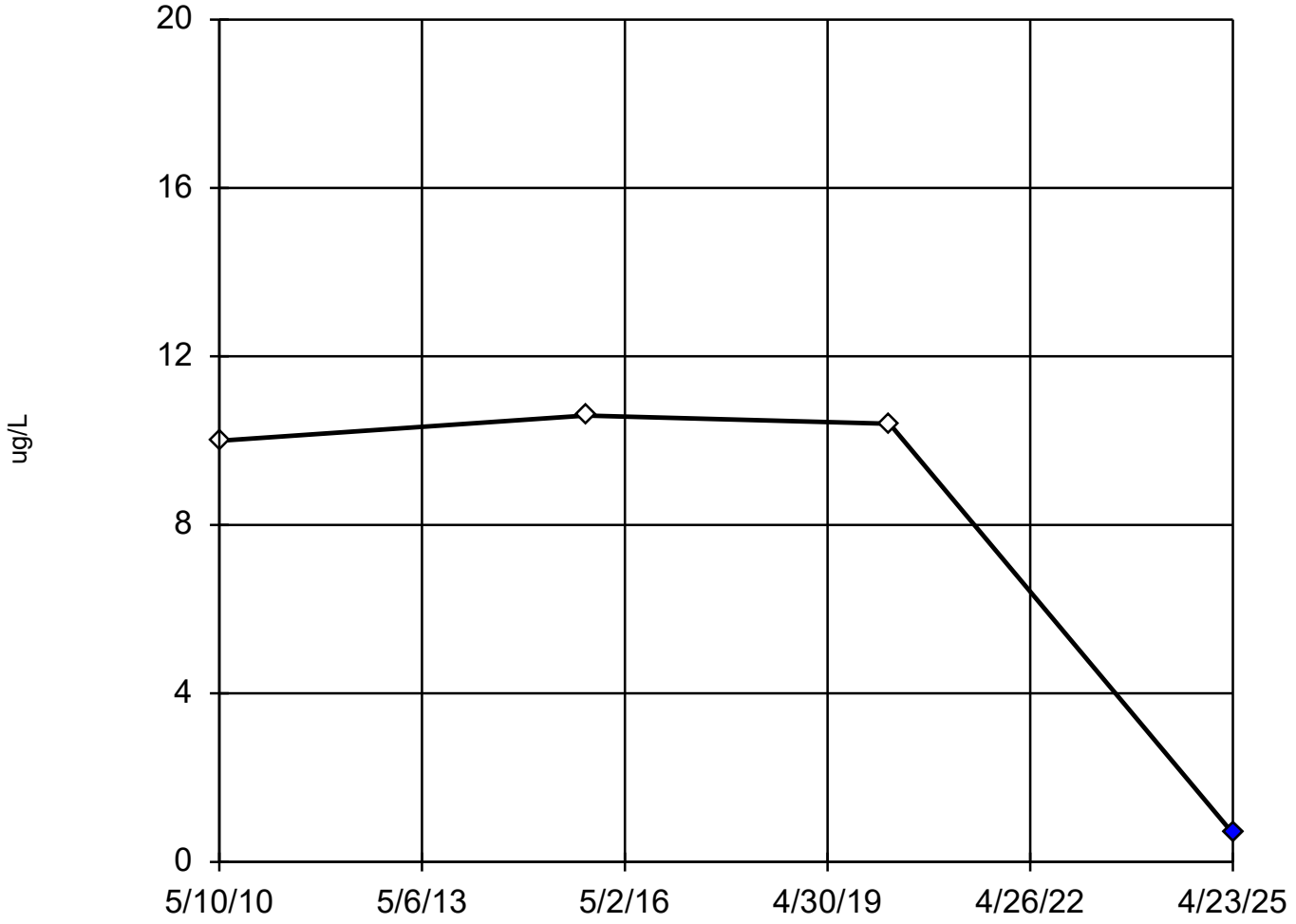
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:46 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.919.
Std. Dev. = 4.835.
<0.677: c = 0.9395
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

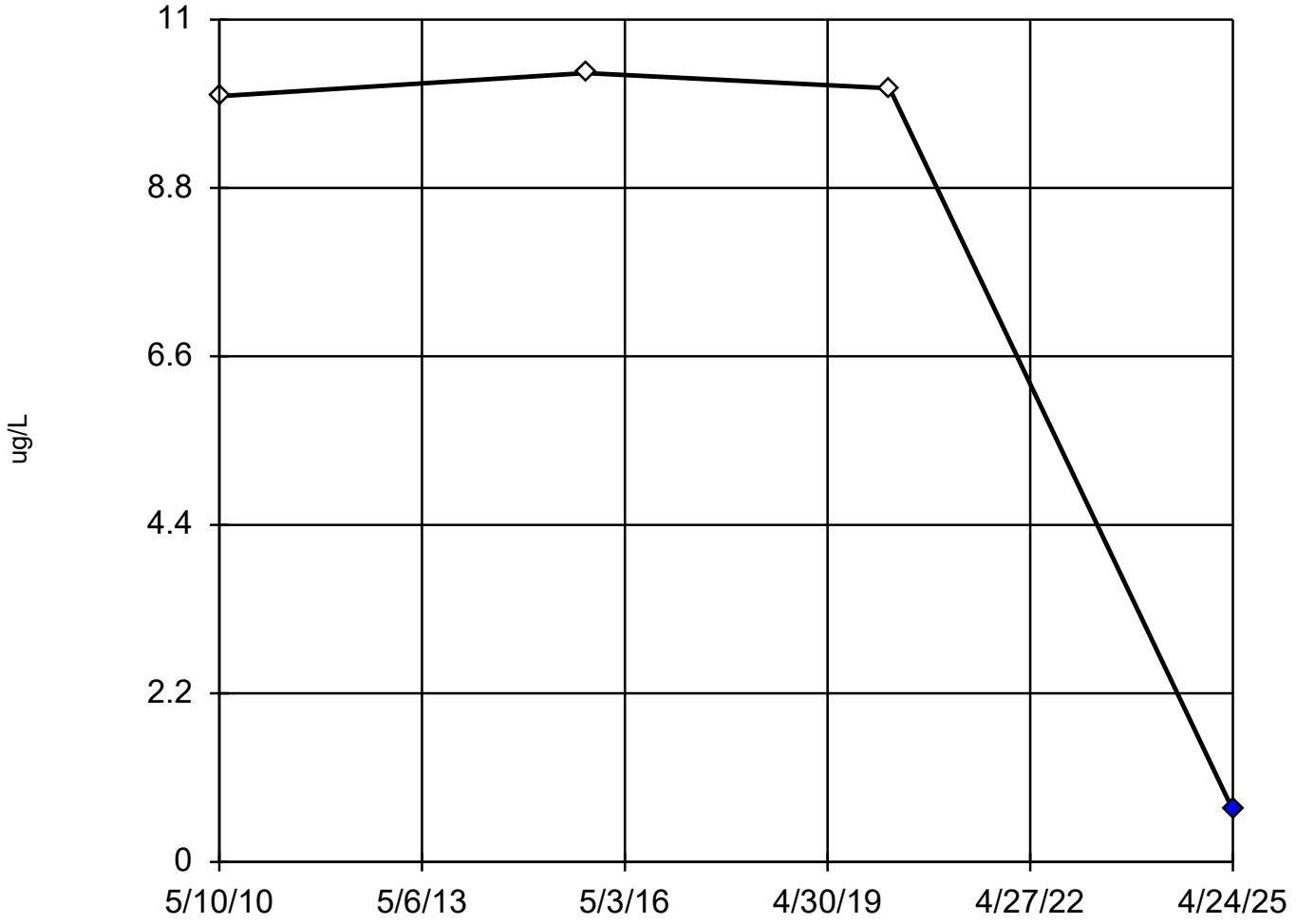
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:46 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.769.
Std. Dev. = 4.73.
<0.677: c = 0.9688
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

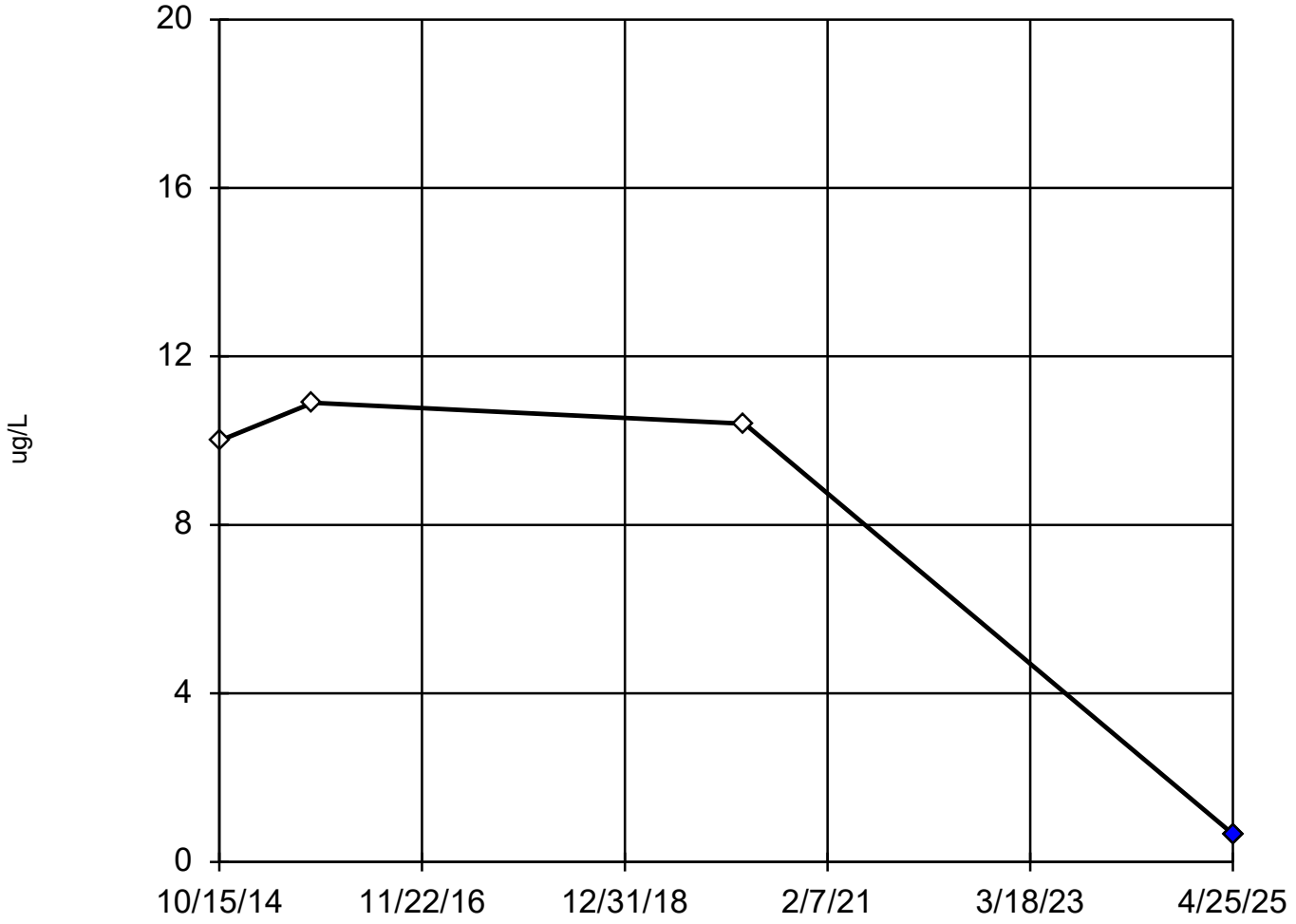
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:46 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-208B



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.991.
Std. Dev. = 4.899.
<0.663: c = 0.9121
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9959
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

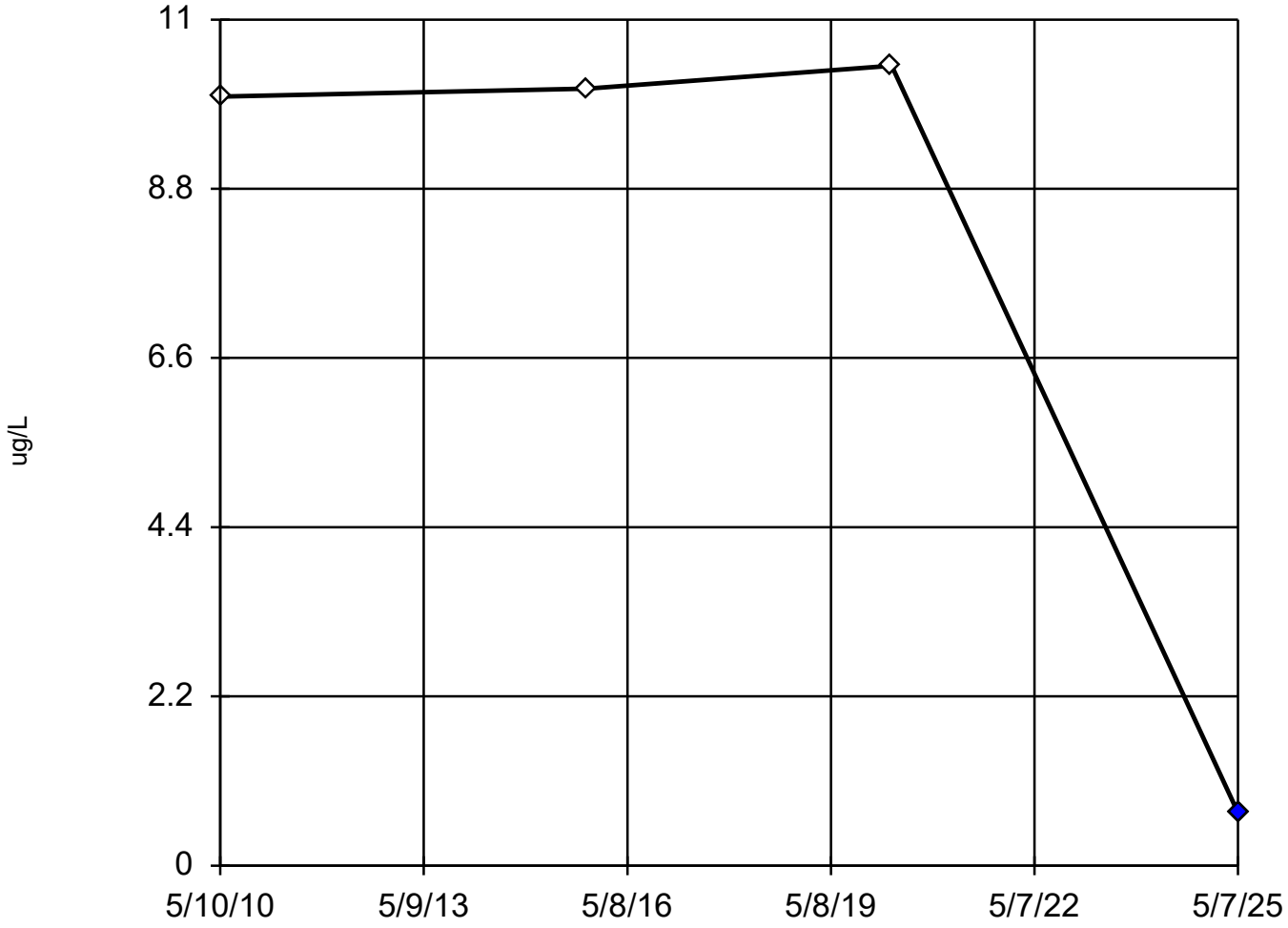
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:46 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.798.
Std. Dev. = 4.741.
<0.691: c = 0.9588
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9231
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

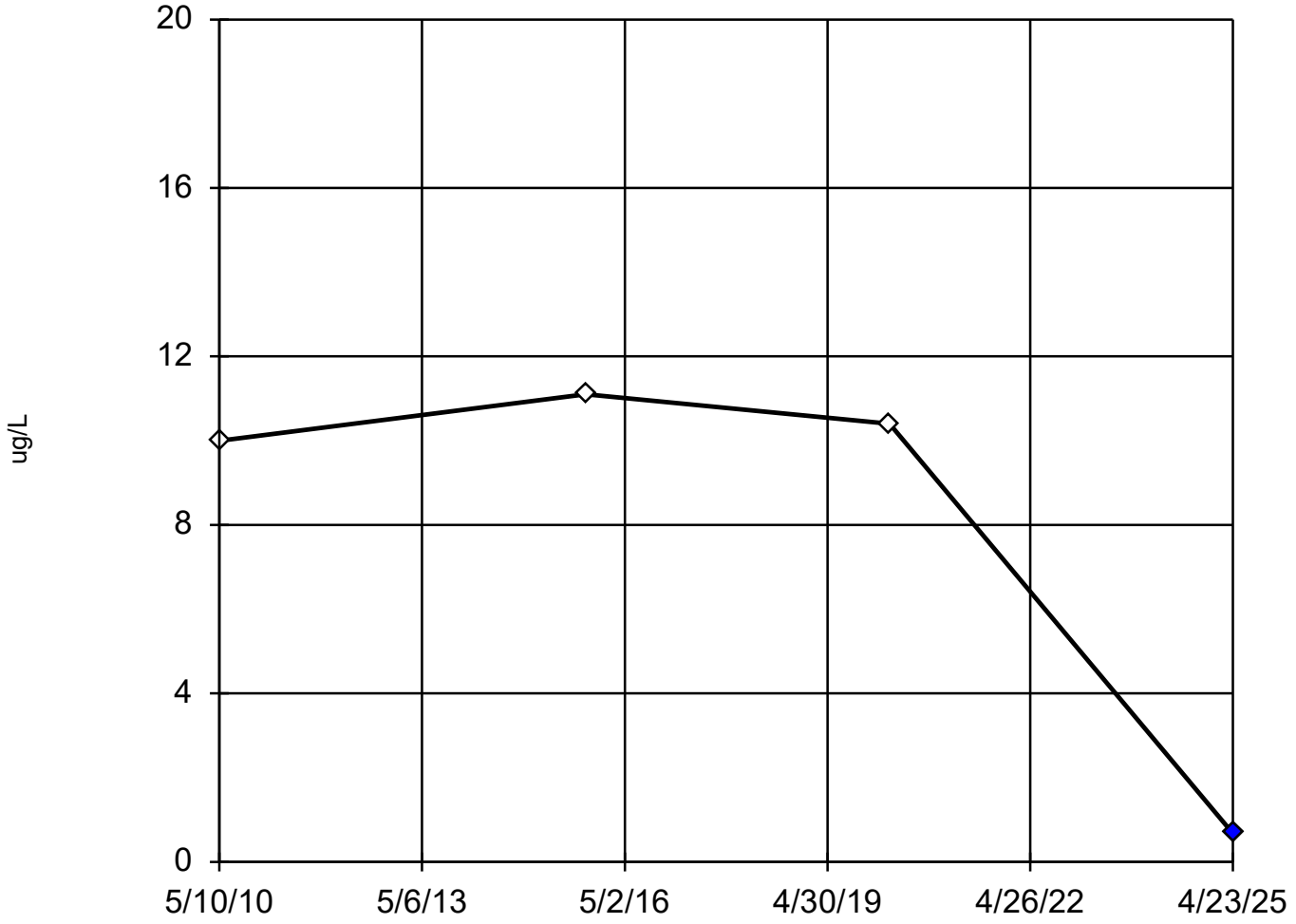
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:46 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.044.
Std. Dev. = 4.932.
<0.677: c = 0.8945
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9758
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

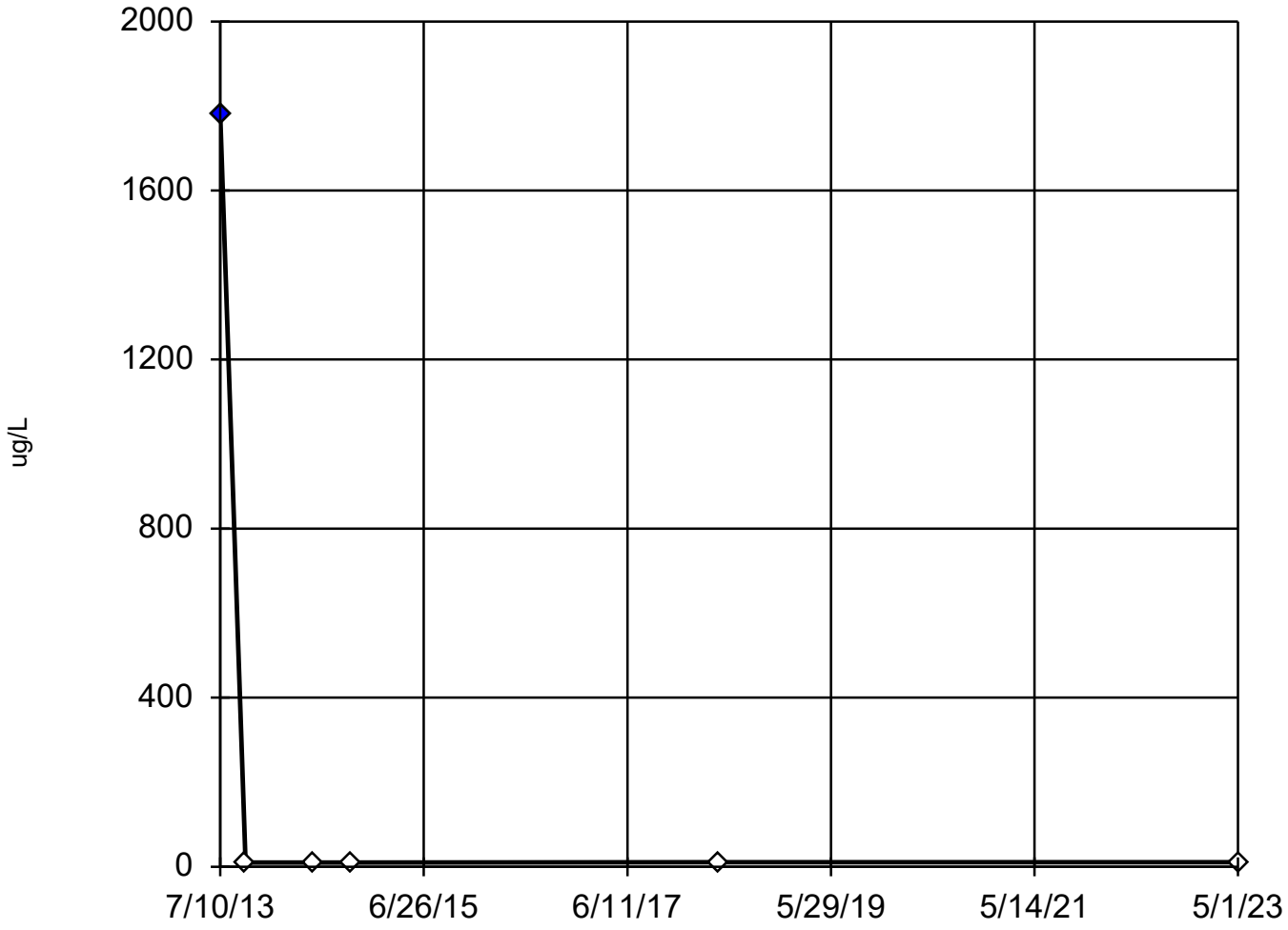
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:46 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-219A



n = 6

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 305.2.
Std. Dev. = 722.5.
1780 (o): c = 0.9997
tabl = 0.56.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8401
Critical = 0.806
The distribution, after removal of suspect value, was found to be normally distributed.

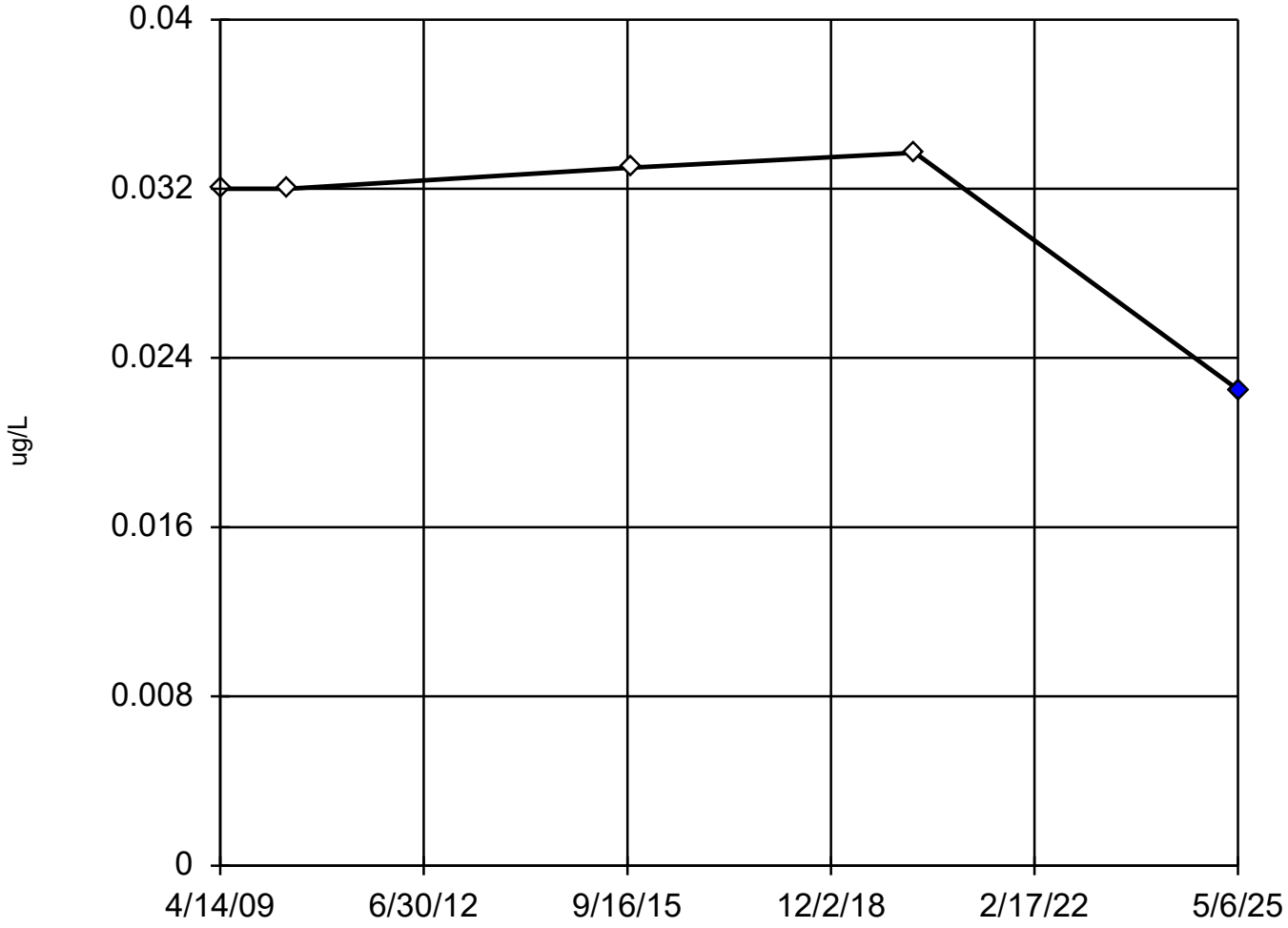
Constituent: 2-Methylphenol Analysis Run 7/1/2026 3:46 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03064.
Std. Dev. = 0.004607.
<0.0225: c = 0.8482
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8632
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

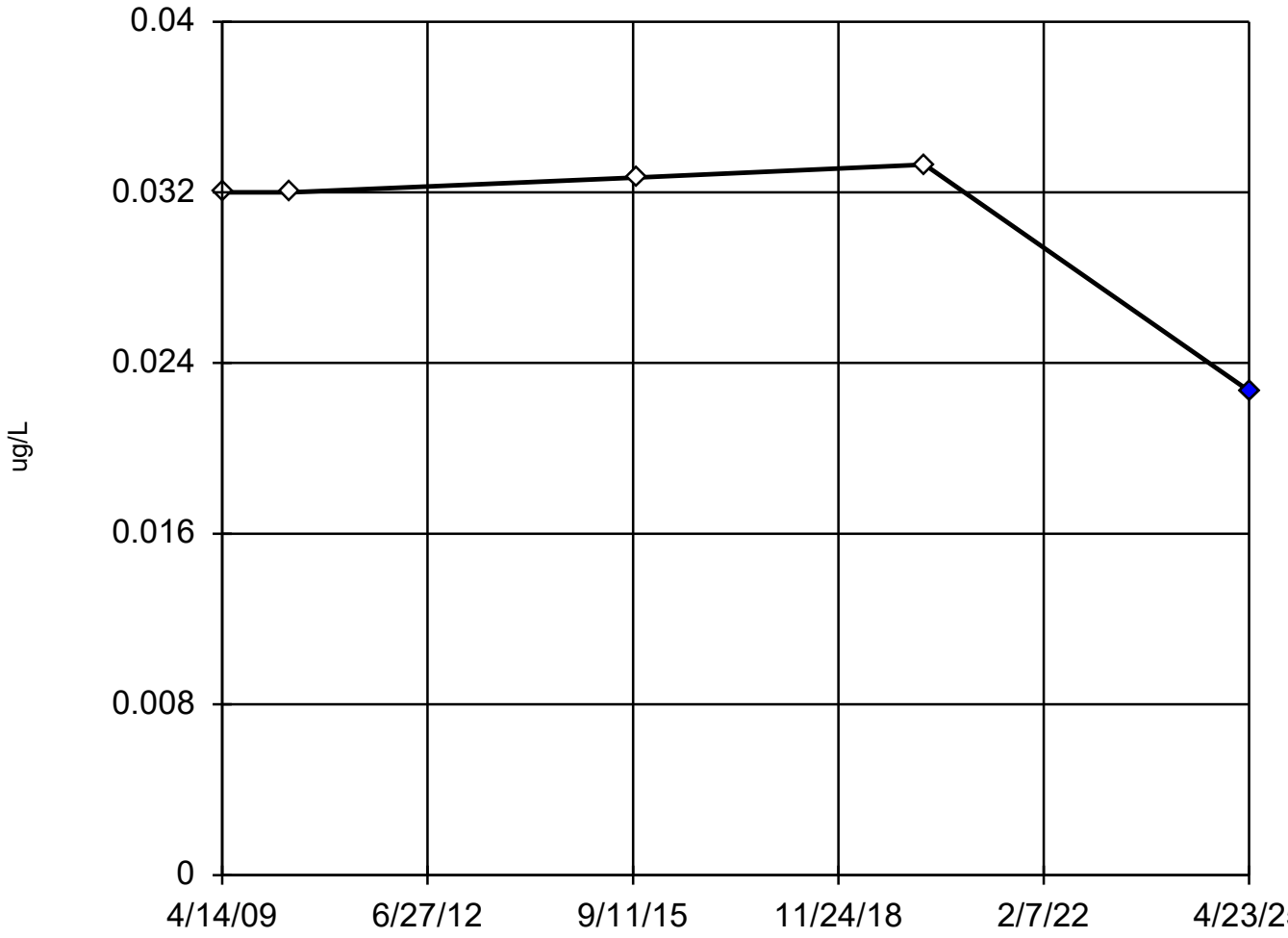
Constituent: 4,4`-DDD Analysis Run 7/1/2026 3:47 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-17A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03054.
Std. Dev. = 0.004416.
<0.0227: c = 0.8774
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8658
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

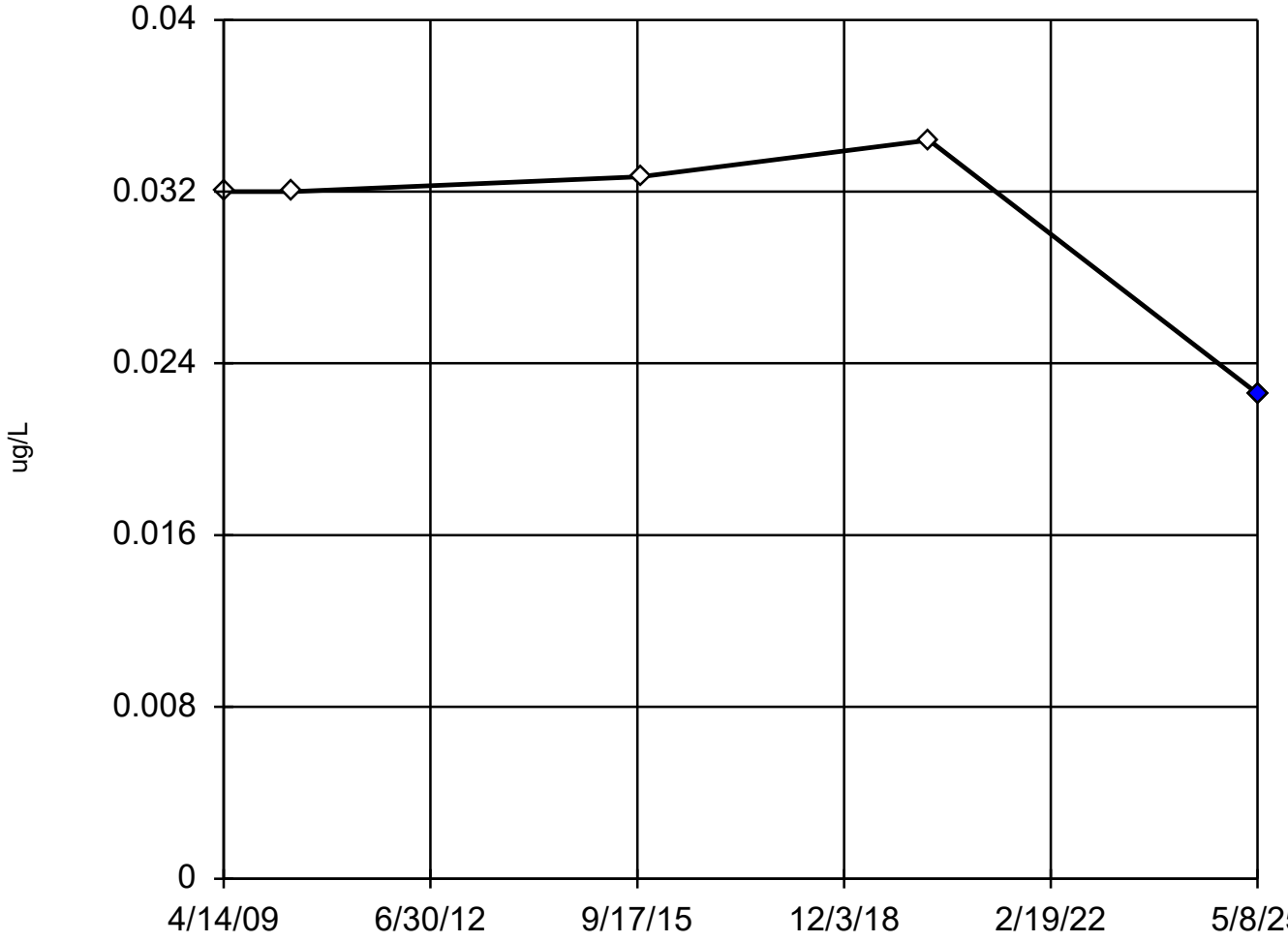
Constituent: 4,4`-DDD Analysis Run 7/1/2026 3:47 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-25A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03074.
Std. Dev. = 0.004655.
<0.0226: c = 0.7966
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8112
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

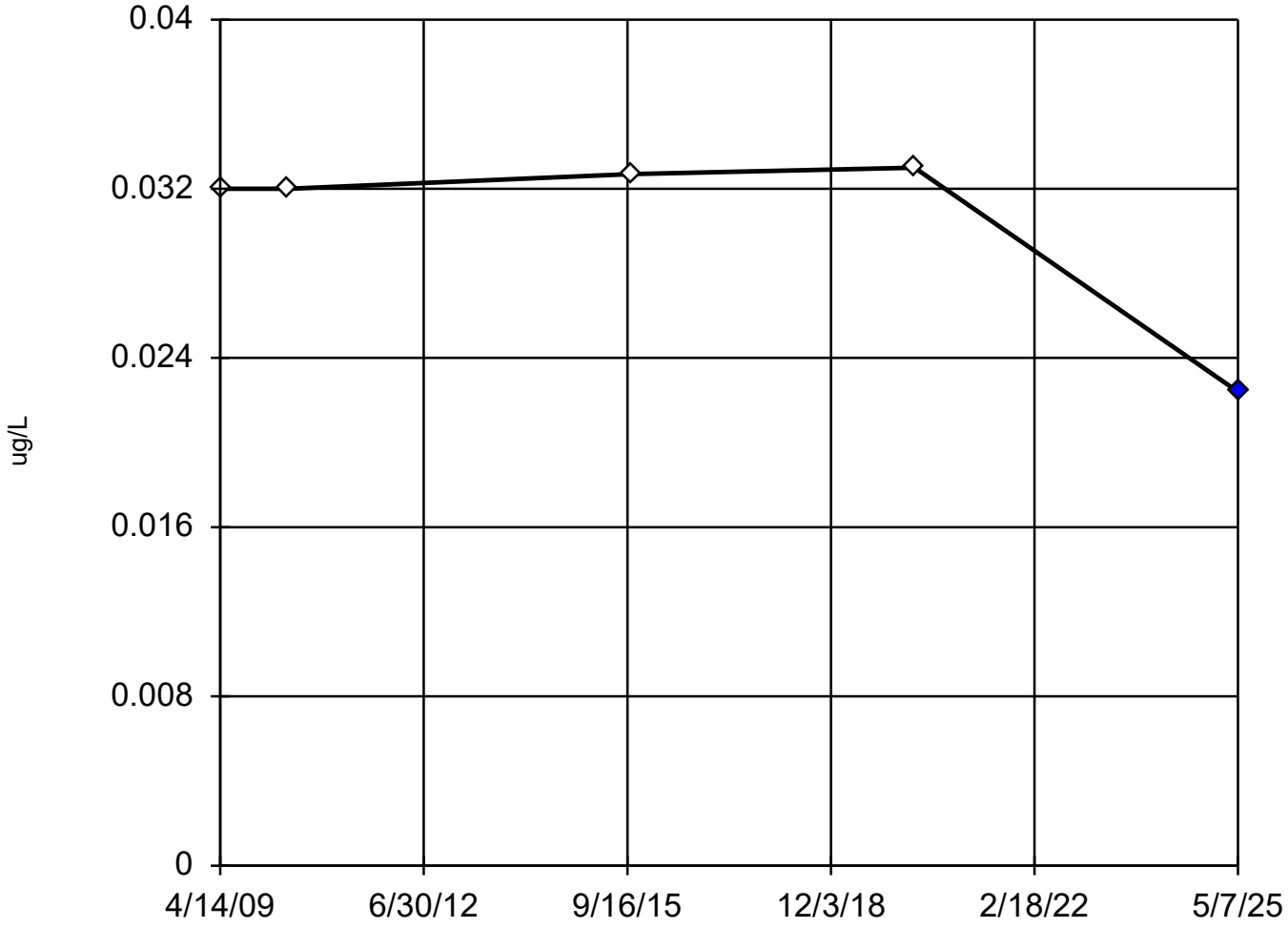
Constituent: 4,4`-DDD Analysis Run 7/1/2026 3:47 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03042.
Std. Dev. = 0.004505.
<0.0224: c = 0.9057
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8435
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

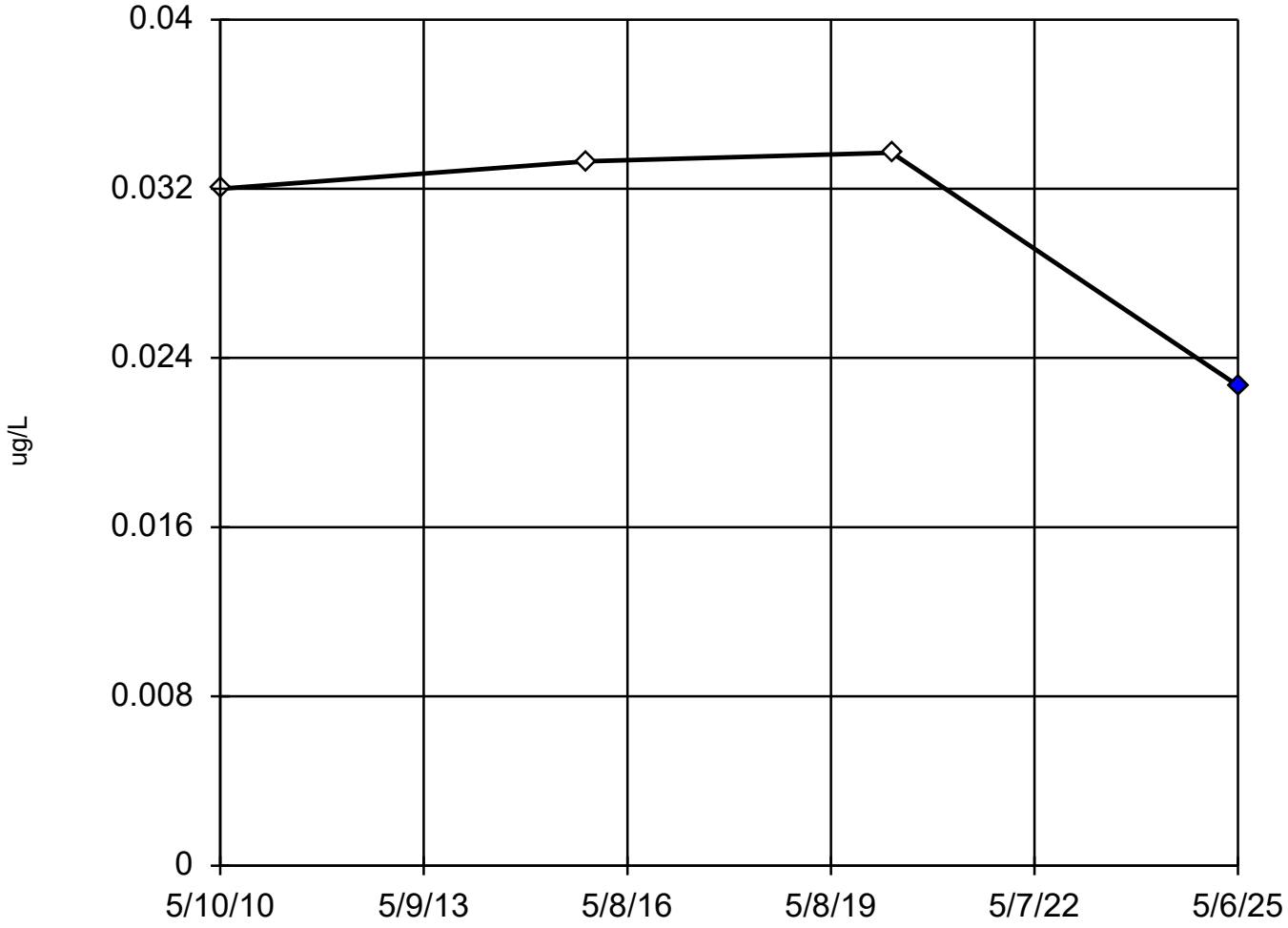
Constituent: 4,4`-DDD Analysis Run 7/1/2026 3:47 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03043.
Std. Dev. = 0.005201.
<0.0227: c = 0.8455
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9145
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

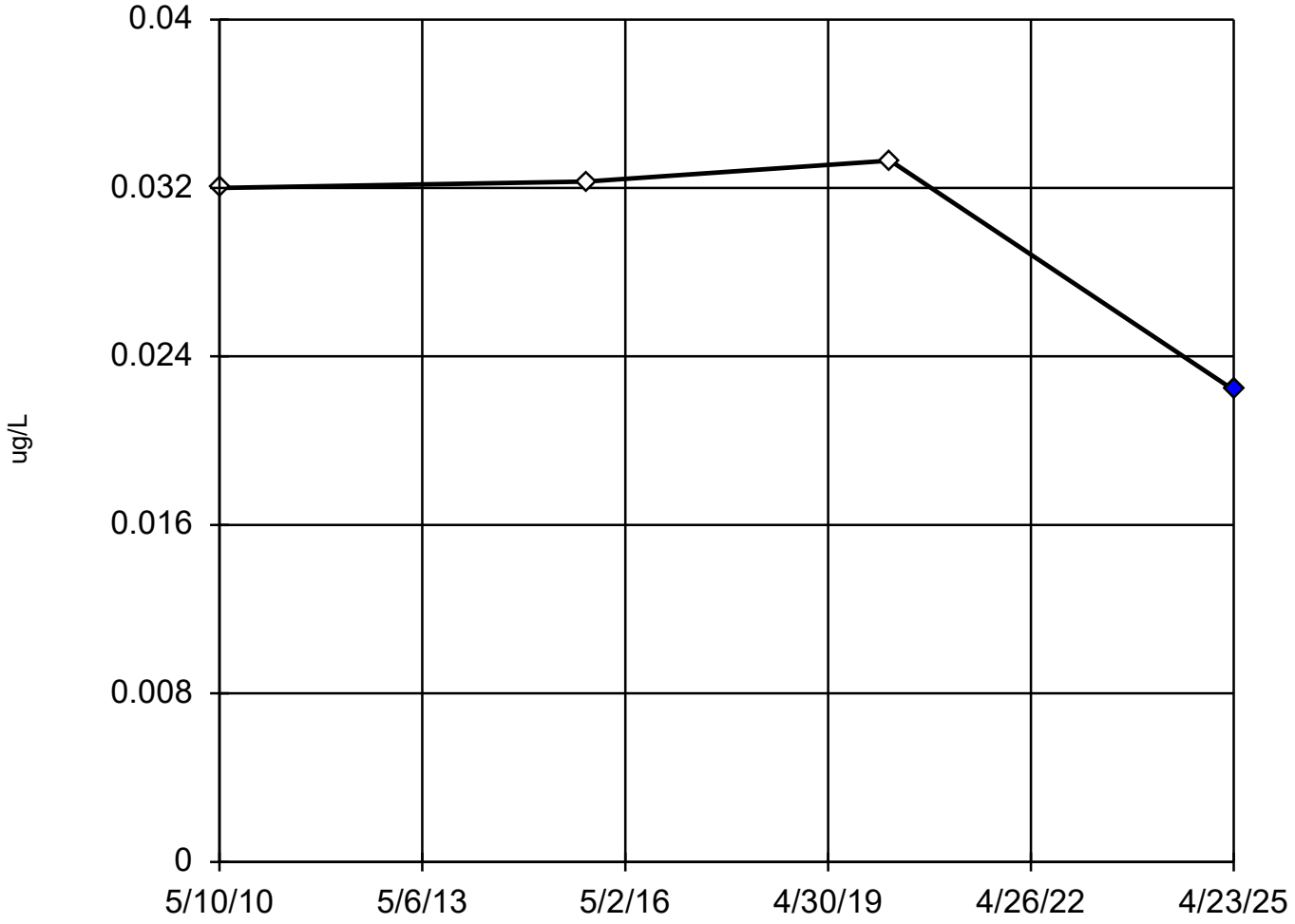
Constituent: 4,4`-DDD Analysis Run 7/1/2026 3:47 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03.
Std. Dev. = 0.005097.
<0.0224: c = 0.8807
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9119
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

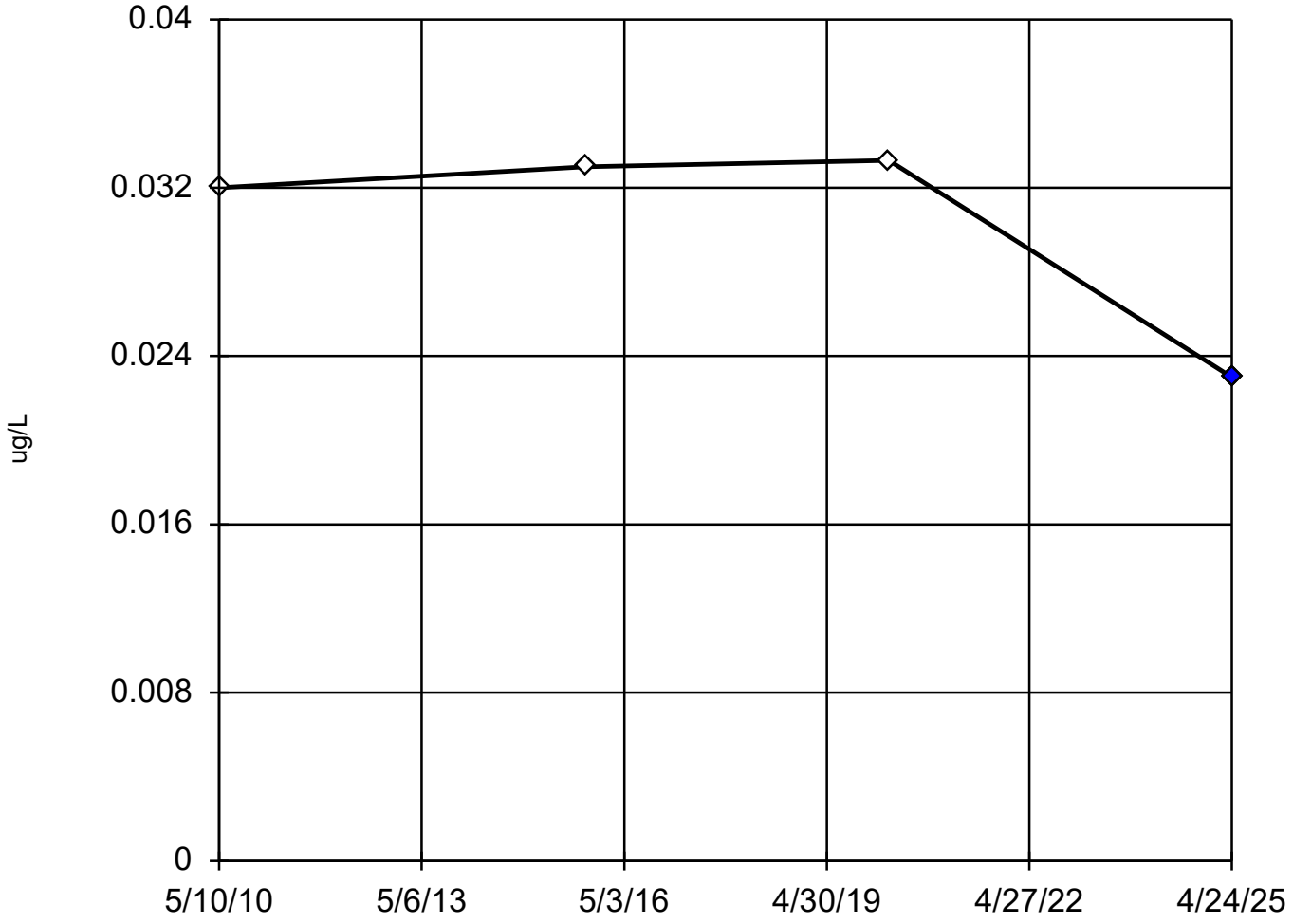
Constituent: 4,4`-DDD Analysis Run 7/1/2026 3:47 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03033.
Std. Dev. = 0.004915.
<0.023: c = 0.8738
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9119
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

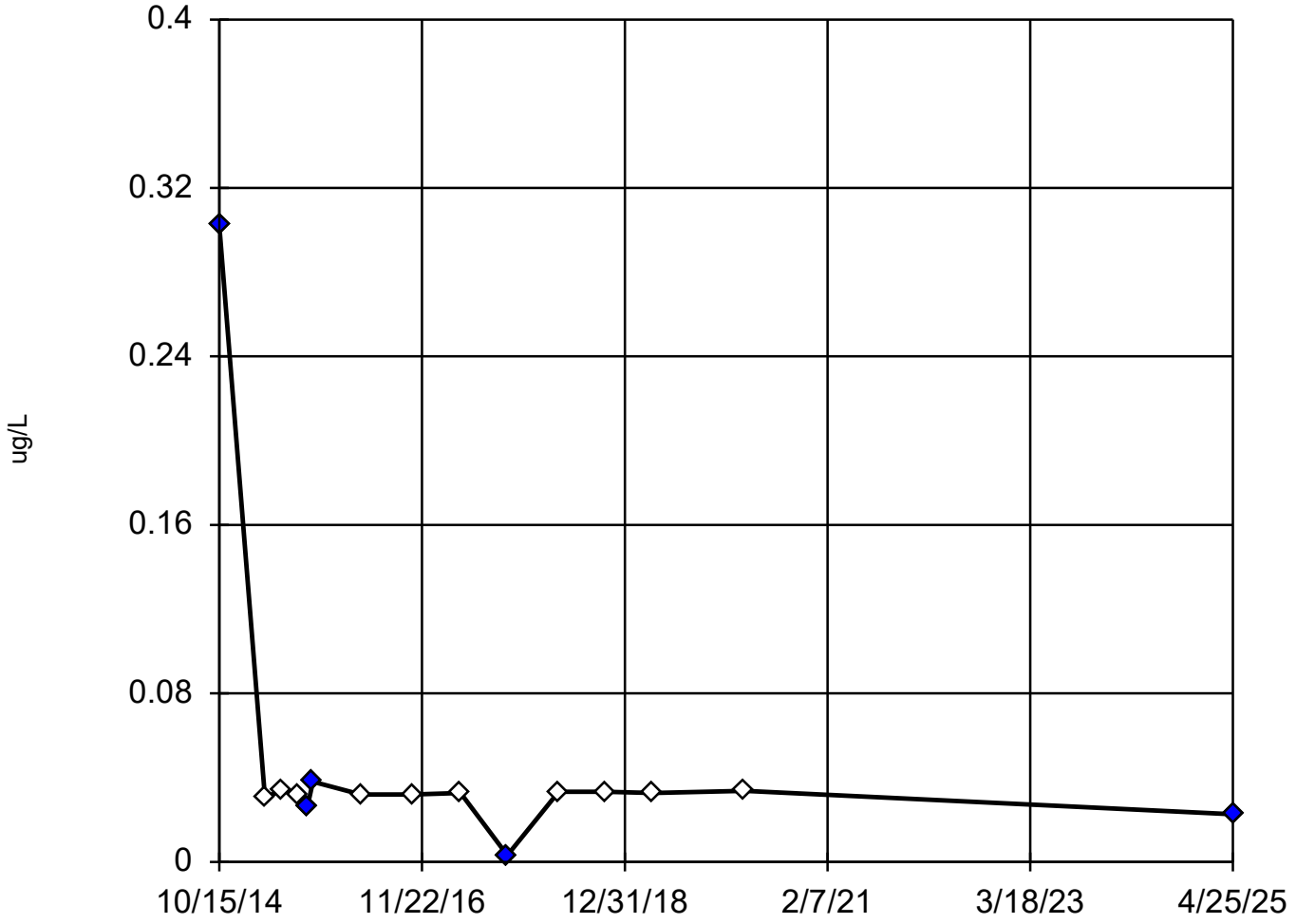
Constituent: 4,4`-DDD Analysis Run 7/1/2026 3:47 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-208B



n = 15

Statistical outliers are drawn as solid.
1 value manually flagged as an outlier.
Testing for 2 high and 3 low outliers.
Mean = 0.04789.
Std. Dev. = 0.07077.
0.0337: c = 0.7213
tabl = 0.525.
0.0263 (J): c = 0.7703
tabl = 0.525.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9155
Critical = 0.869
The distribution, after removal of suspect values, was found to be normally distributed.

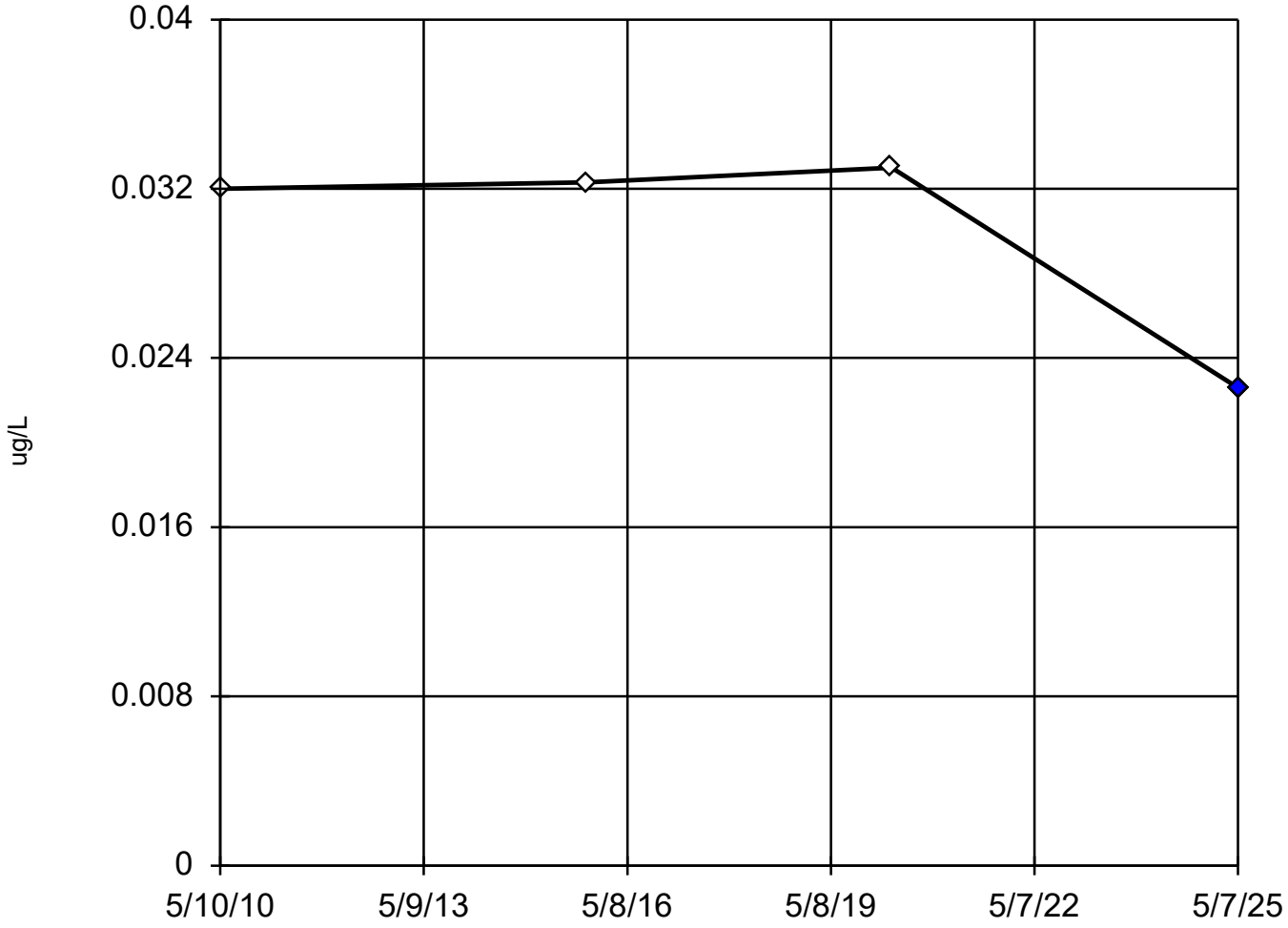
Constituent: 4,4`-DDD Analysis Run 7/1/2026 3:47 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02998.
Std. Dev. = 0.004934.
<0.0226: c = 0.9038
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9493
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

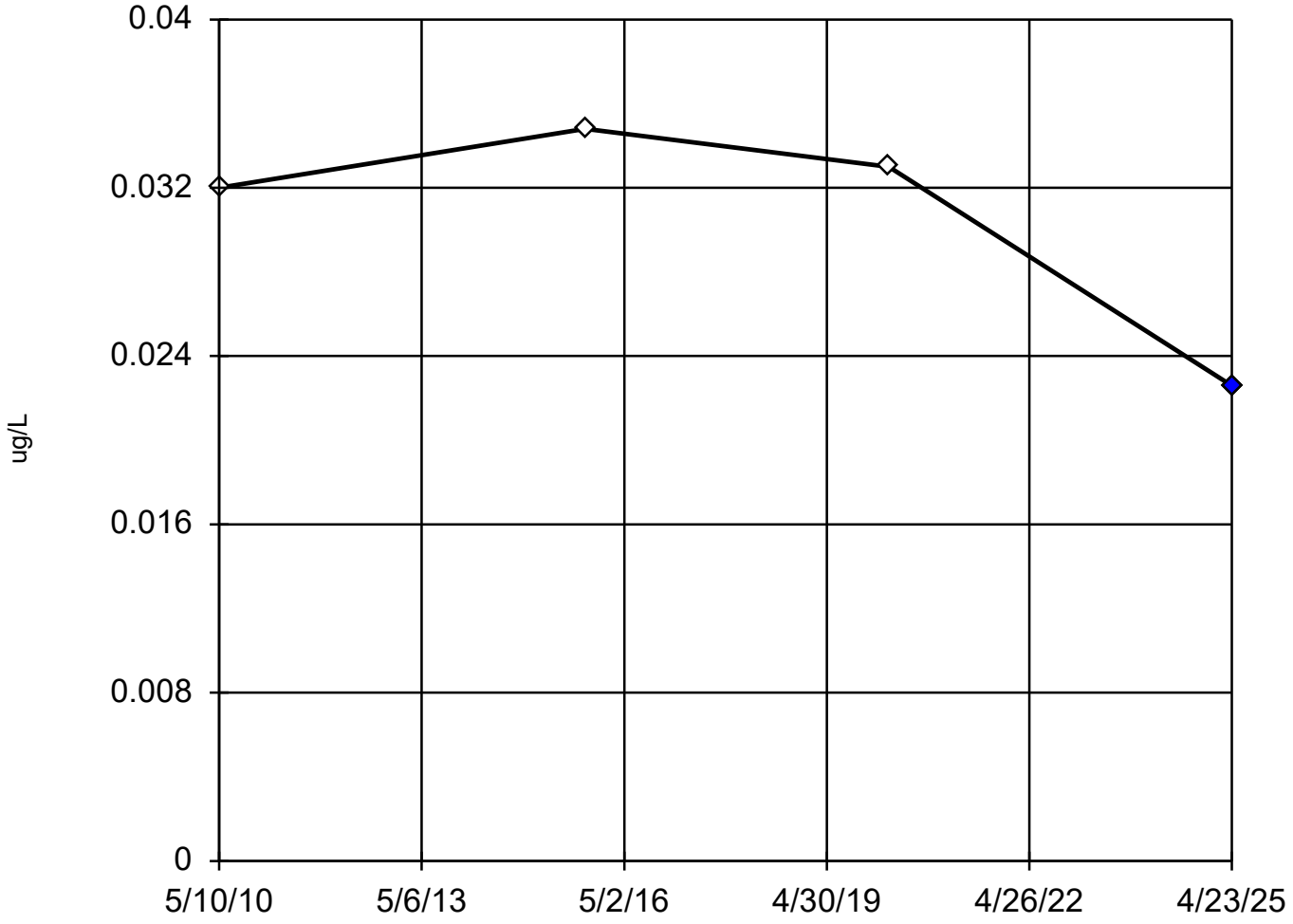
Constituent: 4,4`-DDD Analysis Run 7/1/2026 3:47 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.0306.
Std. Dev. = 0.005458.
<0.0226: c = 0.7705
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9735
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

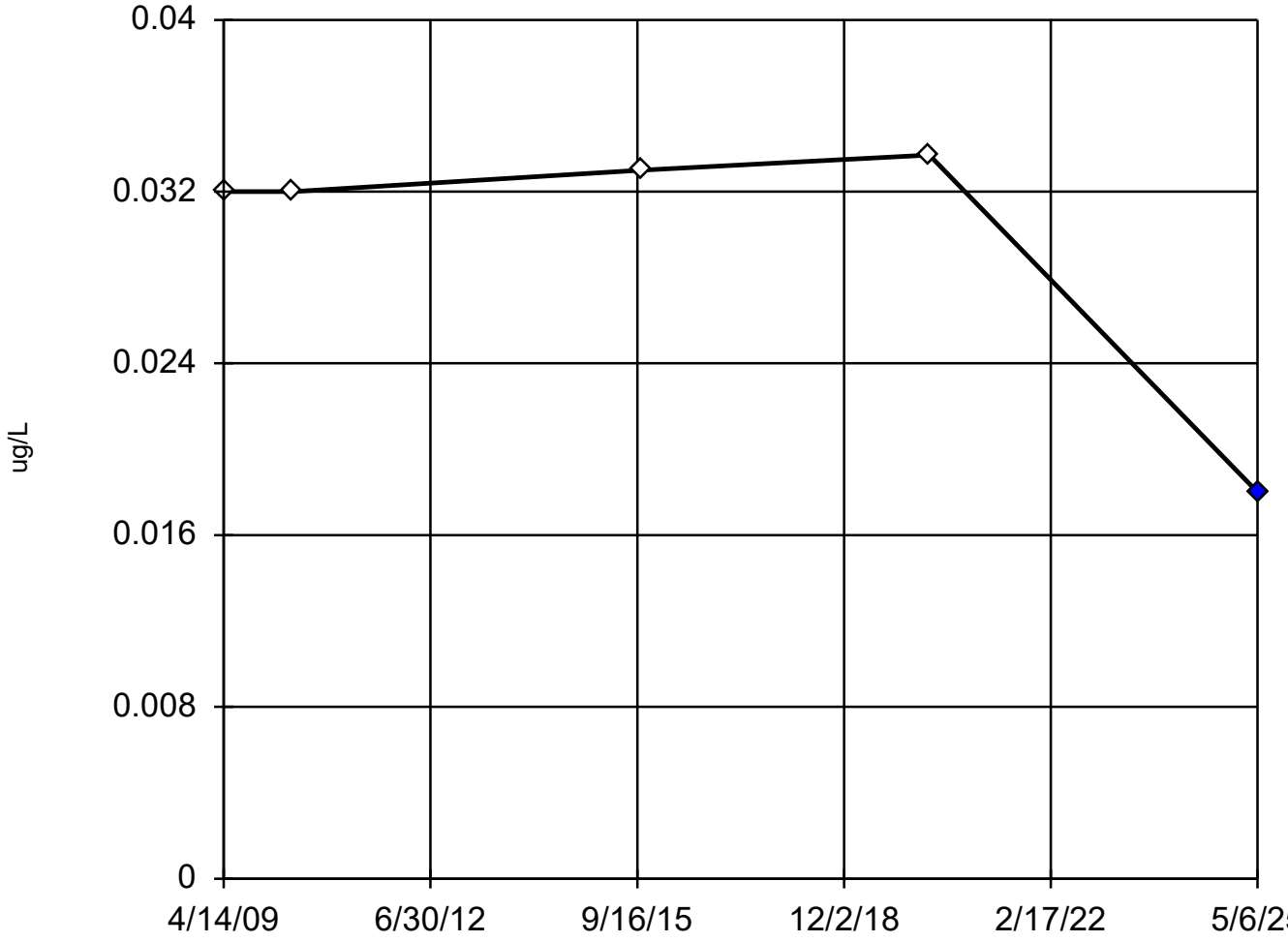
Constituent: 4,4`-DDD Analysis Run 7/1/2026 3:48 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02974.
Std. Dev. = 0.006602.
<0.018: c = 0.8917
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8632
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 4,4`-DDT Analysis Run 7/1/2026 3:48 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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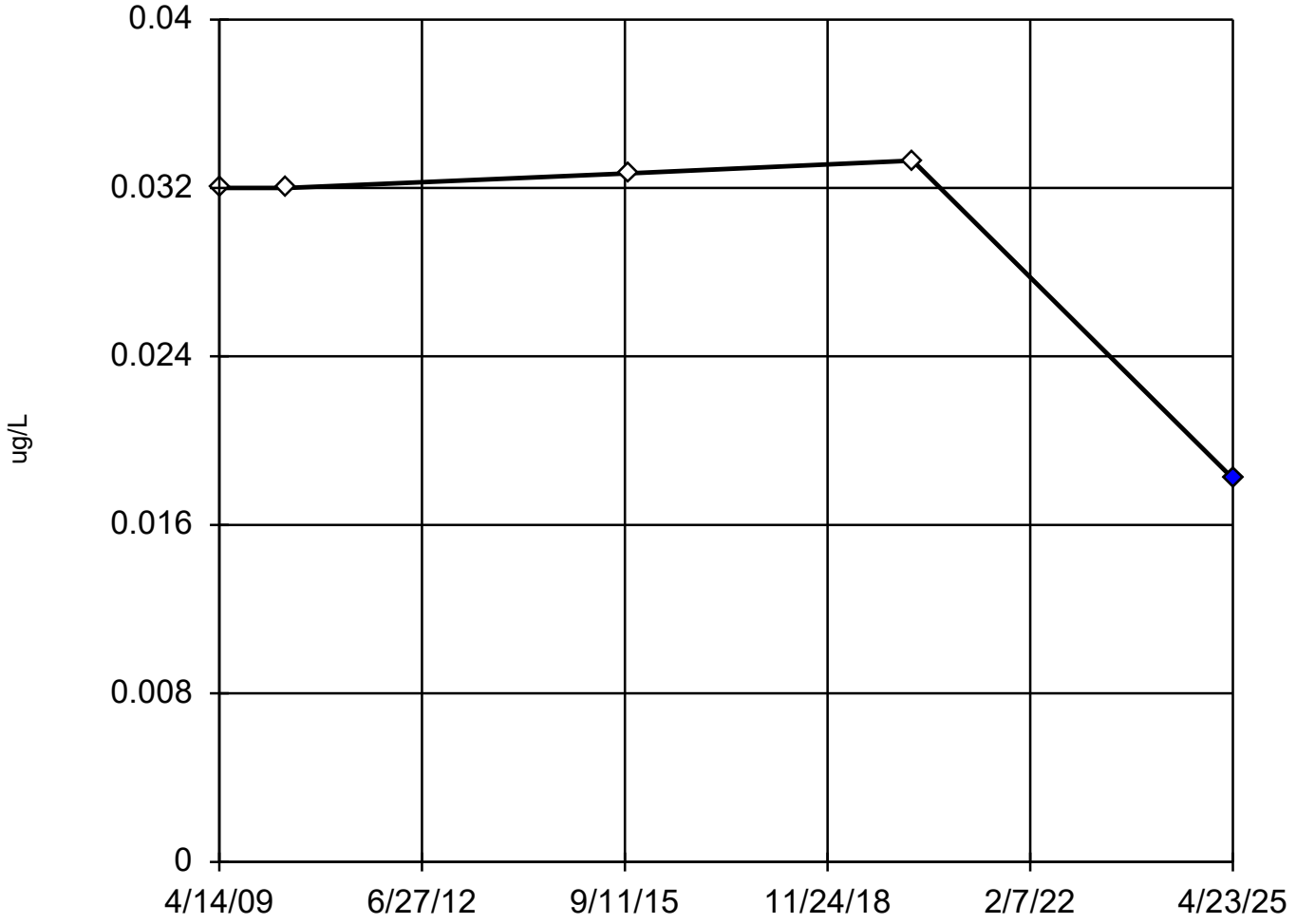
Dixon's Outlier Test

MW-17A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02964.
Std. Dev. = 0.006418.
<0.0182: c = 0.9139
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8658
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

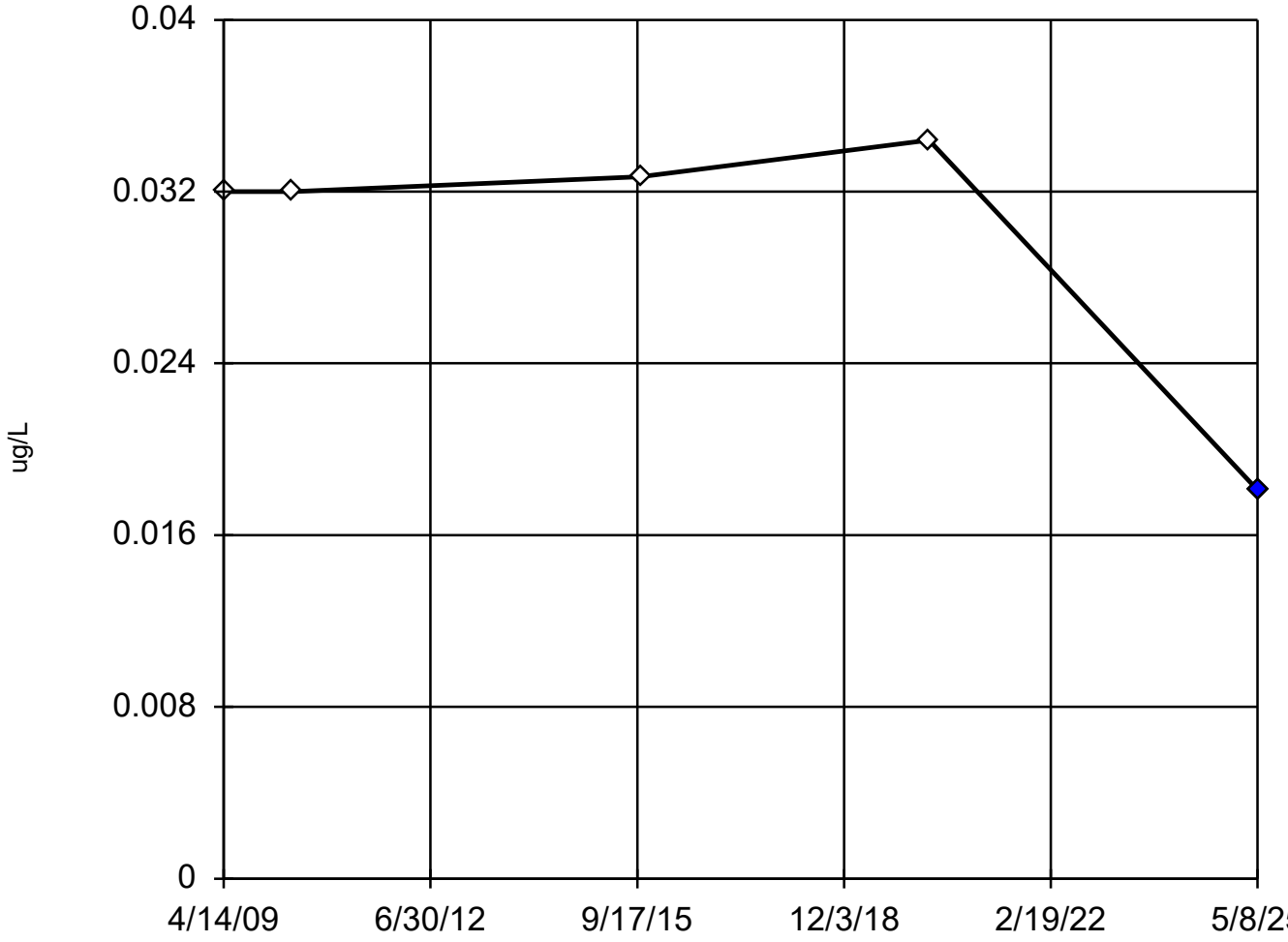
Constituent: 4,4`-DDT Analysis Run 7/1/2026 3:48 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-25A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02984.
Std. Dev. = 0.006636.
<0.0181: c = 0.8528
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8112
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

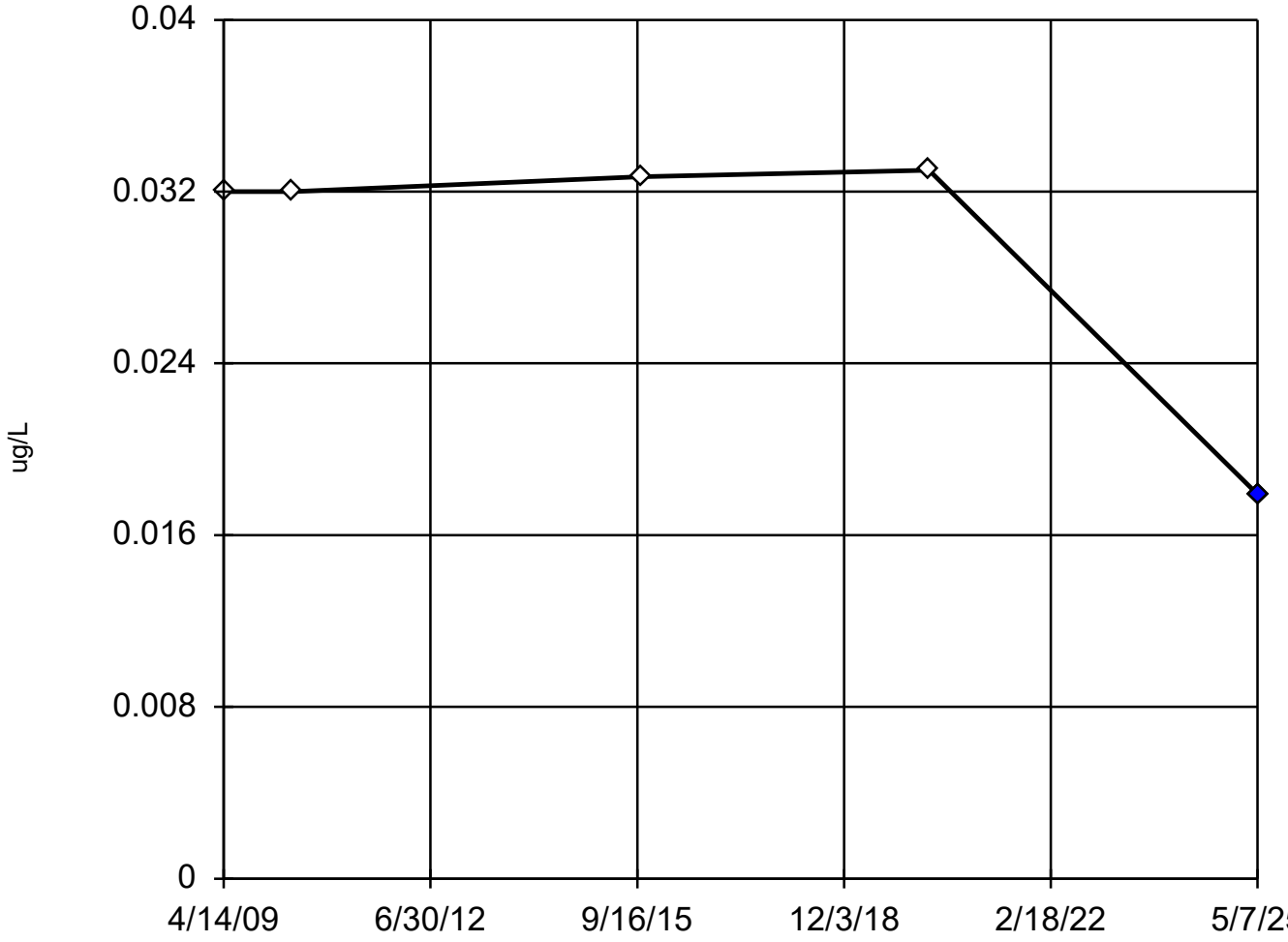
Constituent: 4,4`-DDT Analysis Run 7/1/2026 3:48 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02952.
Std. Dev. = 0.006511.
<0.0179: c = 0.9338
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8435
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 4,4`-DDT Analysis Run 7/1/2026 3:48 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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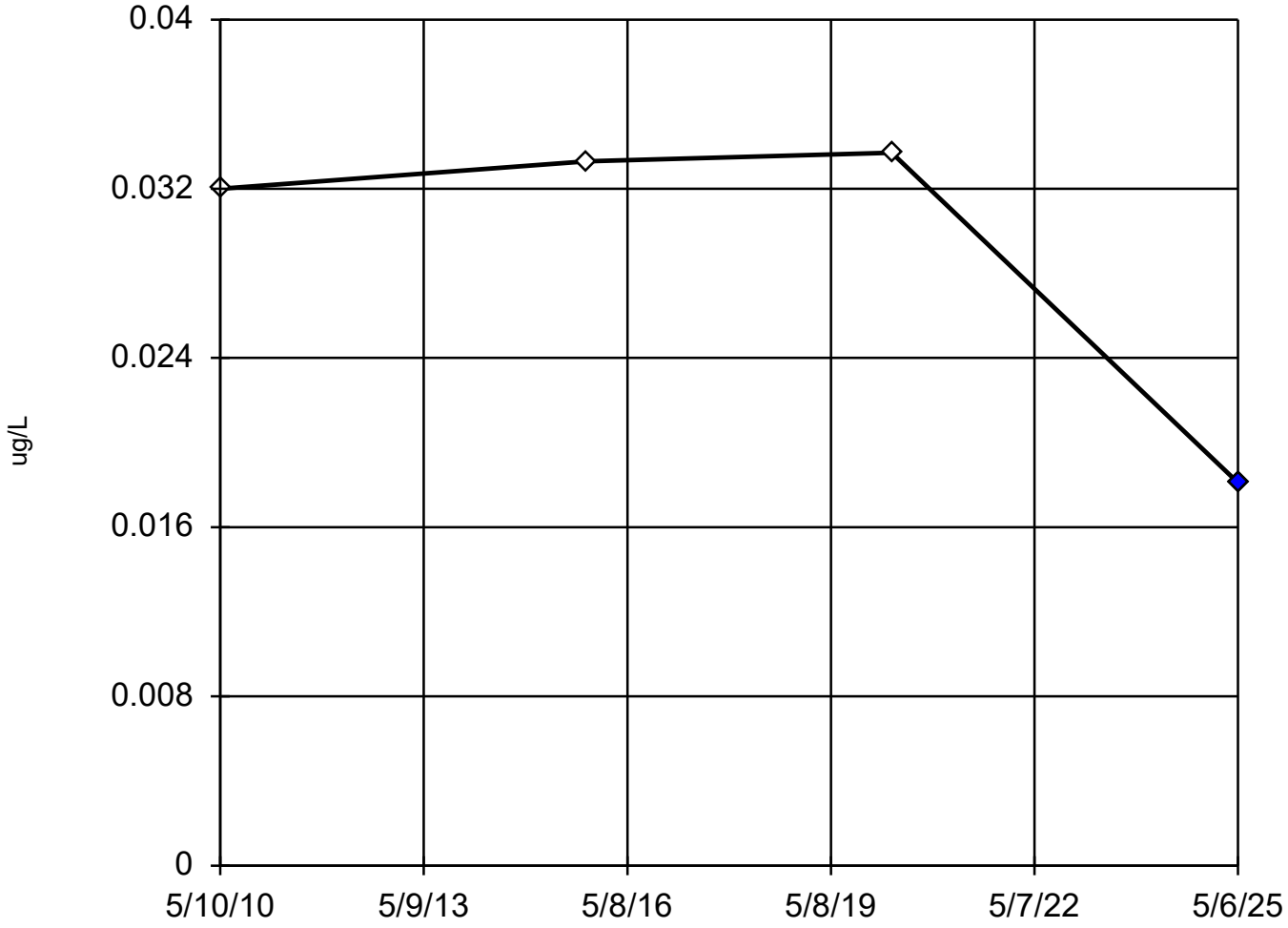
Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02928.
Std. Dev. = 0.007485.
<0.0181: c = 0.891
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9145
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 4,4`-DDT Analysis Run 7/1/2026 3:48 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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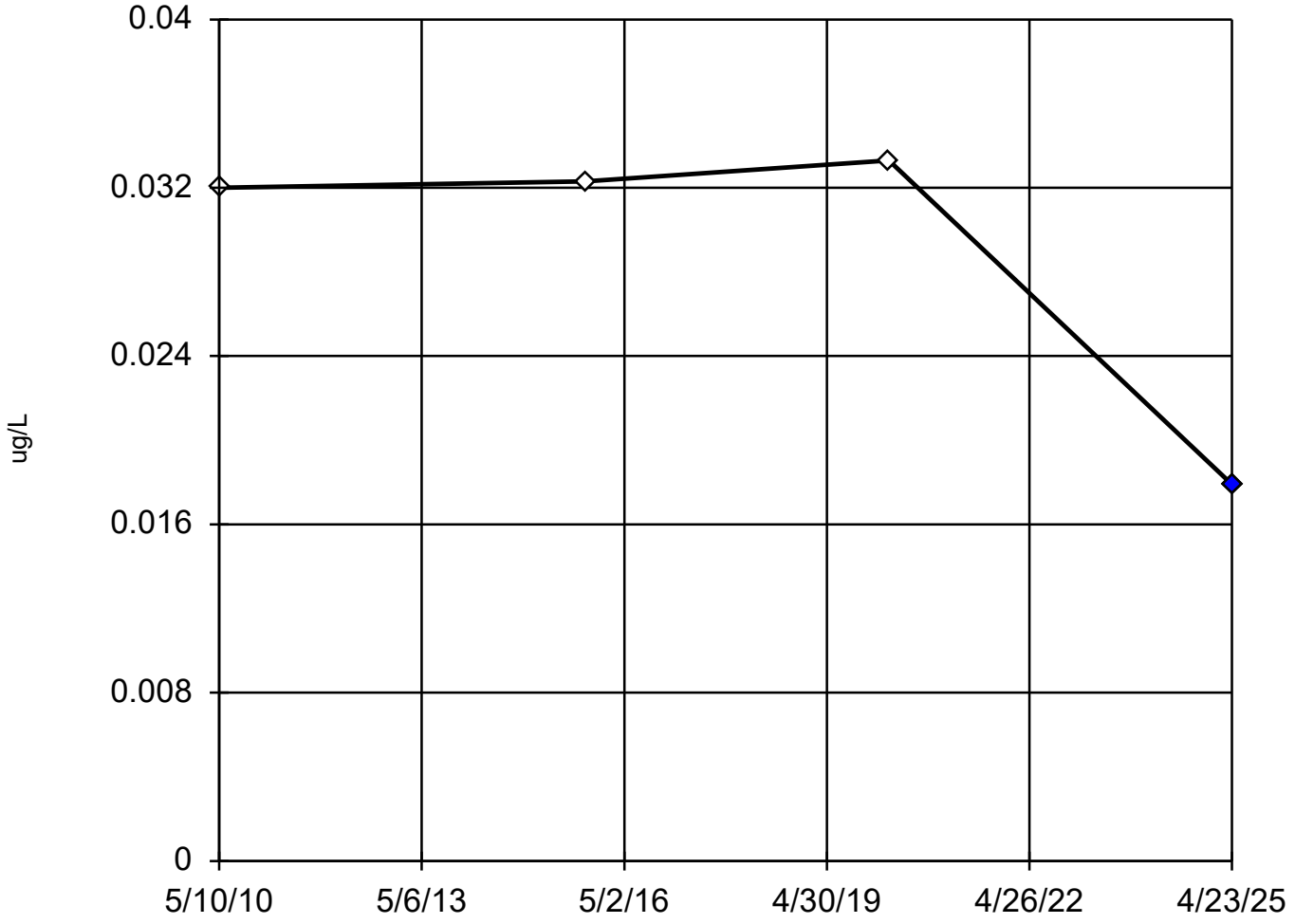
Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02888.
Std. Dev. = 0.007338.
<0.0179: c = 0.9156
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9119
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

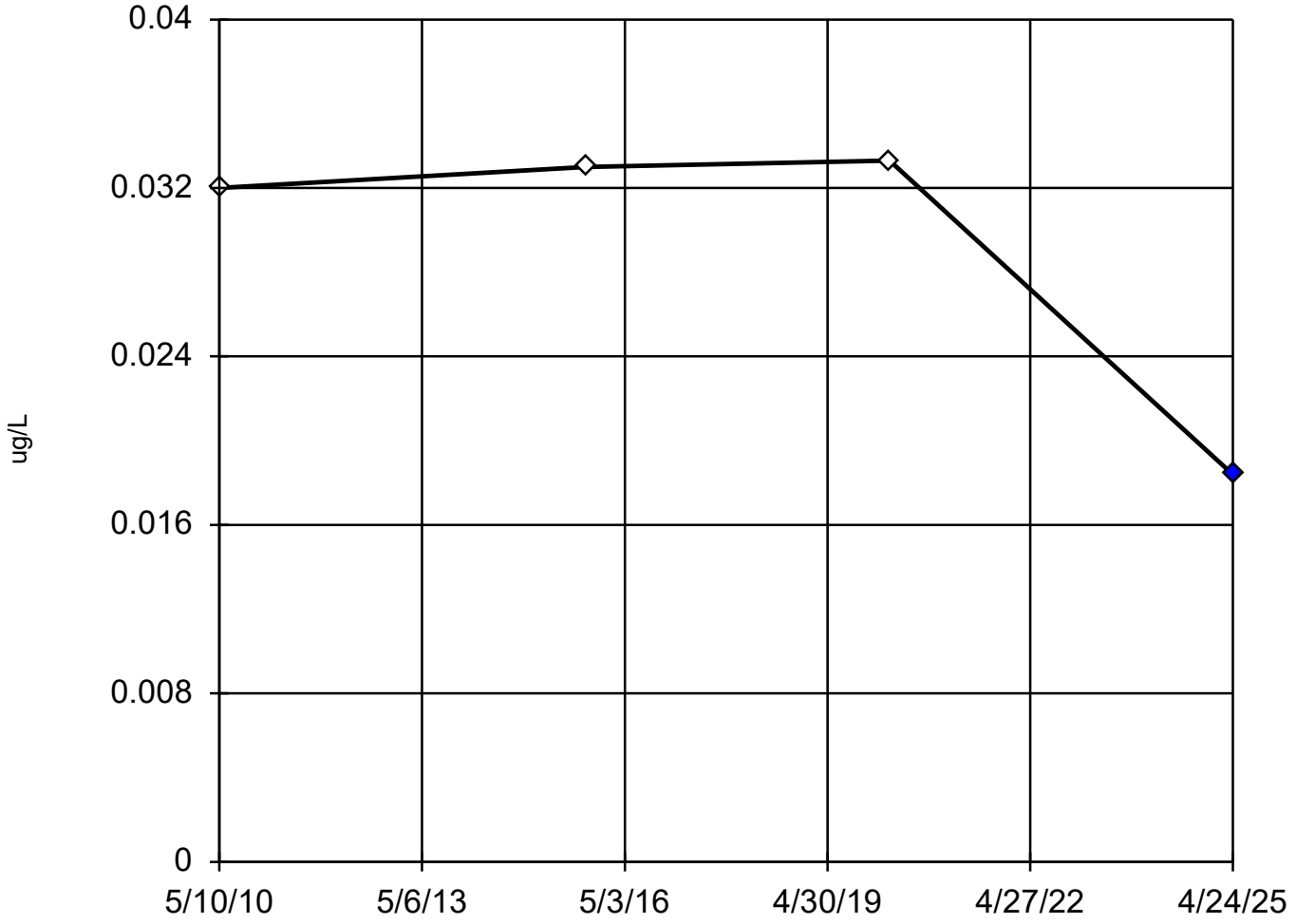
Constituent: 4,4`-DDT Analysis Run 7/1/2026 3:48 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02918.
Std. Dev. = 0.007205.
<0.0184: c = 0.9128
tabl = 0.765.
Alpha = 0.05.

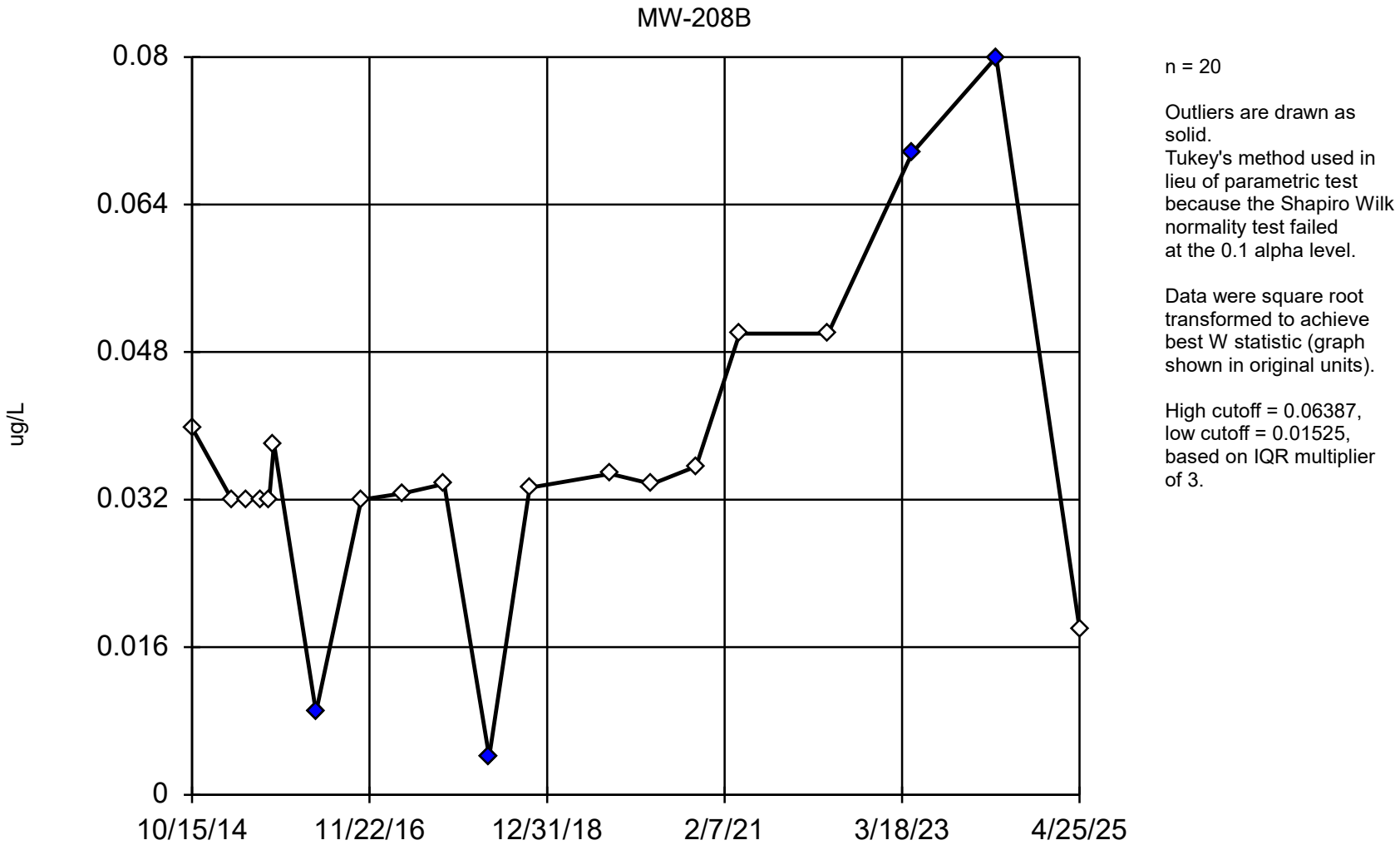
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9119
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 4,4`-DDT Analysis Run 7/1/2026 3:49 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 20

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06387, low cutoff = 0.01525, based on IQR multiplier of 3.

Constituent: 4,4`-DDT Analysis Run 7/1/2026 3:49 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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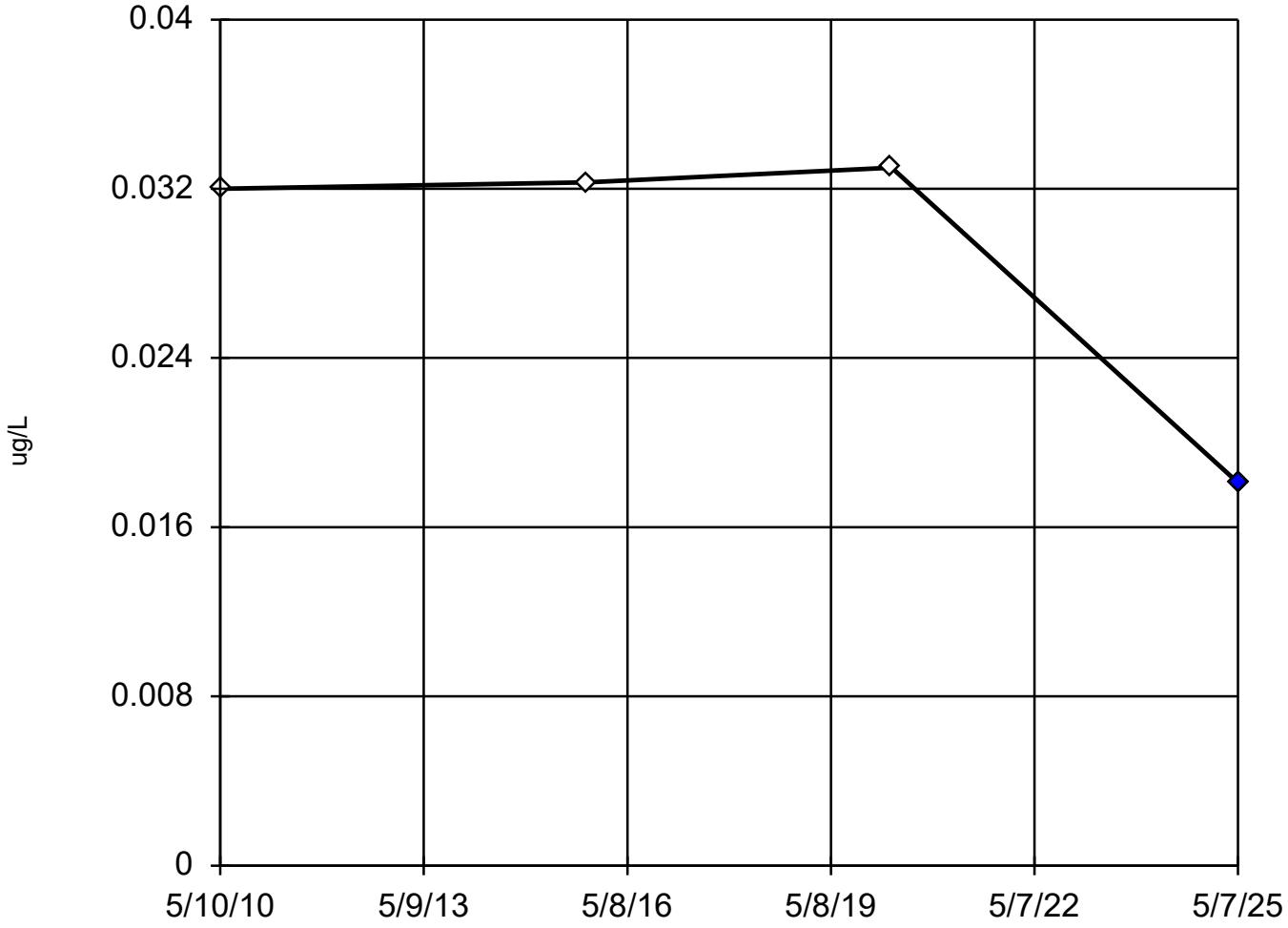
Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02885.
Std. Dev. = 0.007179.
<0.0181: c = 0.9329
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9493
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 4,4`-DDT Analysis Run 7/1/2026 3:49 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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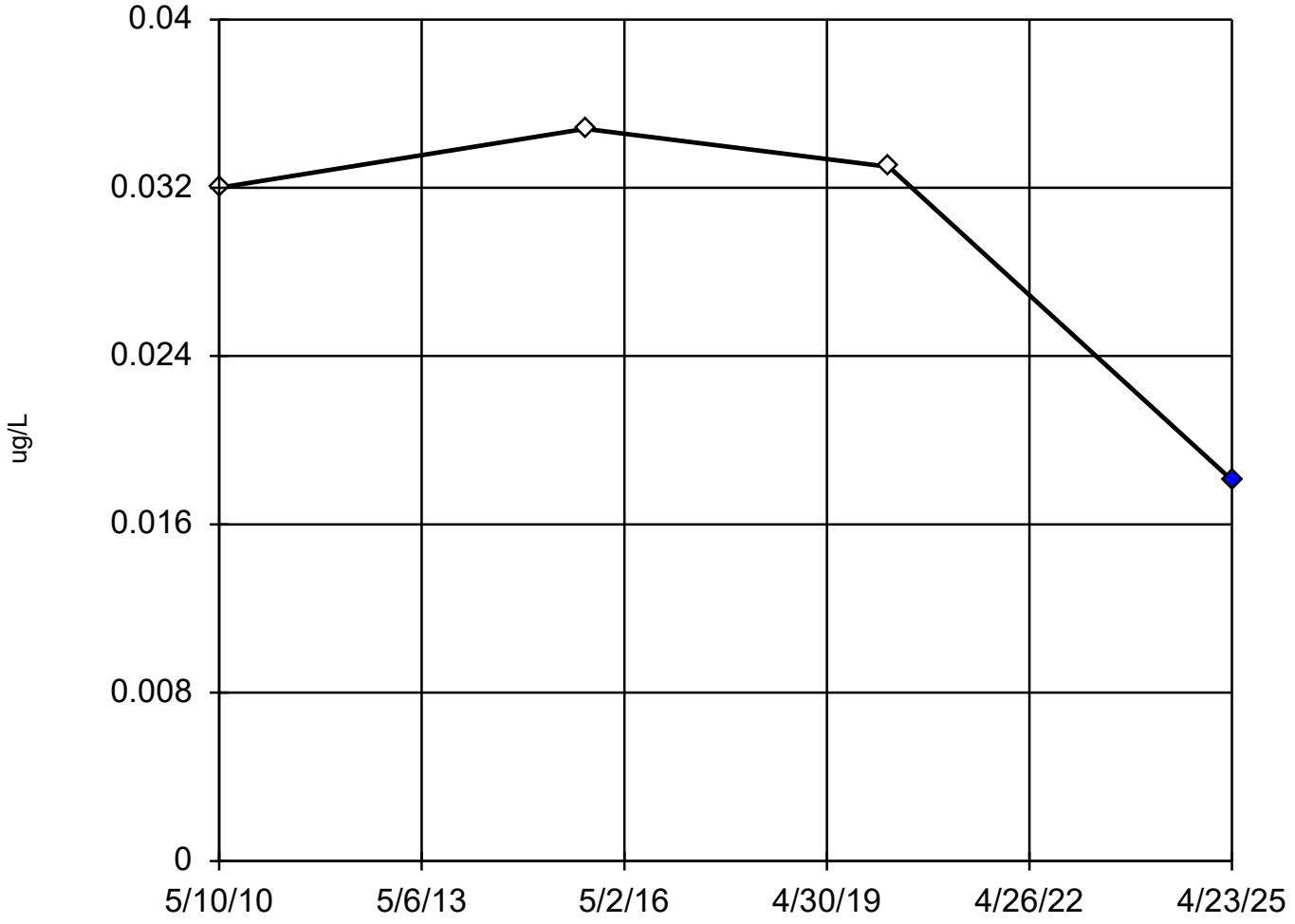
Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02948.
Std. Dev. = 0.007671.
<0.0181: c = 0.8323
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9735
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: 4,4`-DDT Analysis Run 7/1/2026 3:49 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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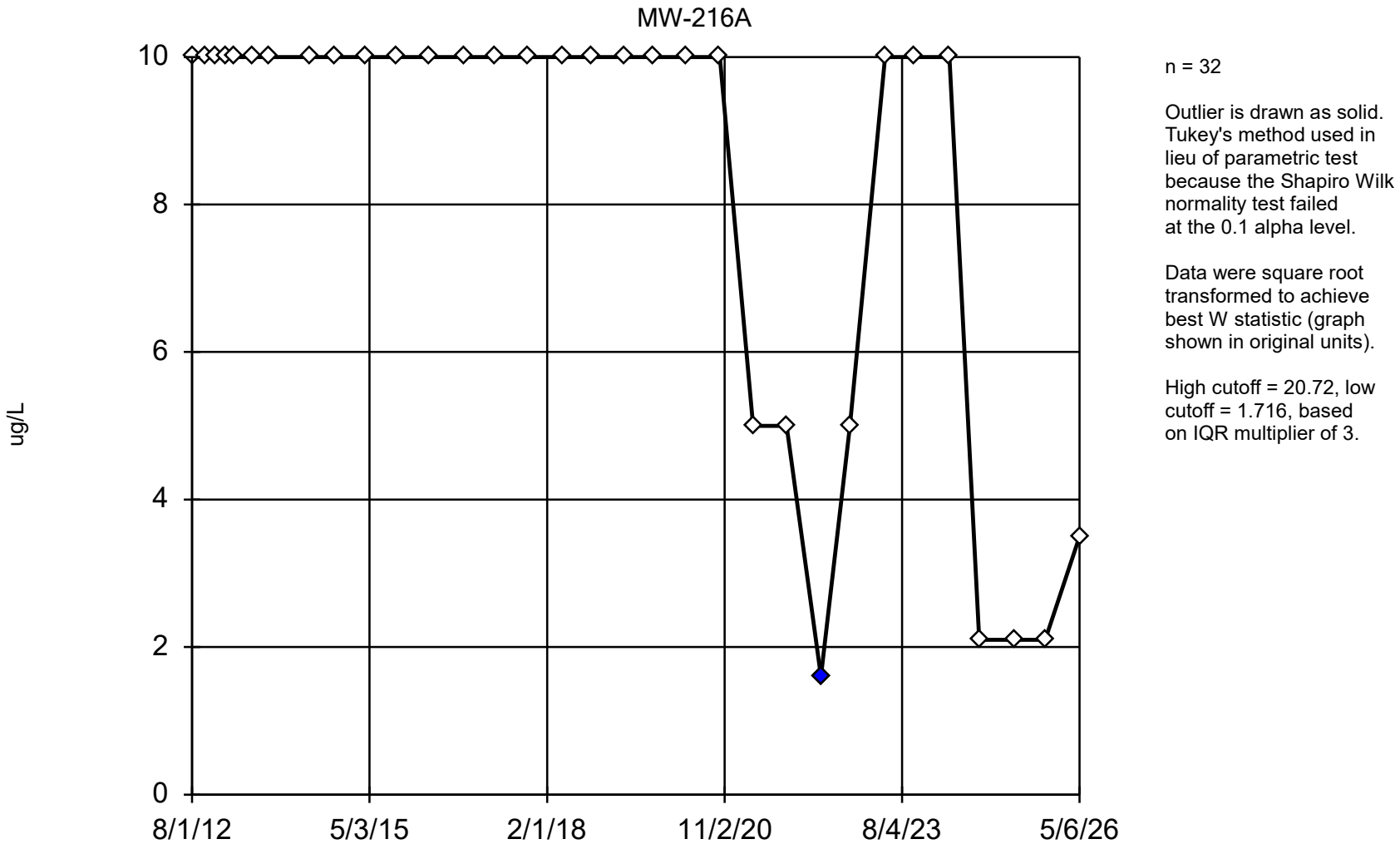
Tukey's Outlier Screening



n = 32

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 20.72, low cutoff = 1.716, based on IQR multiplier of 3.

Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 7/1/2026 3:50 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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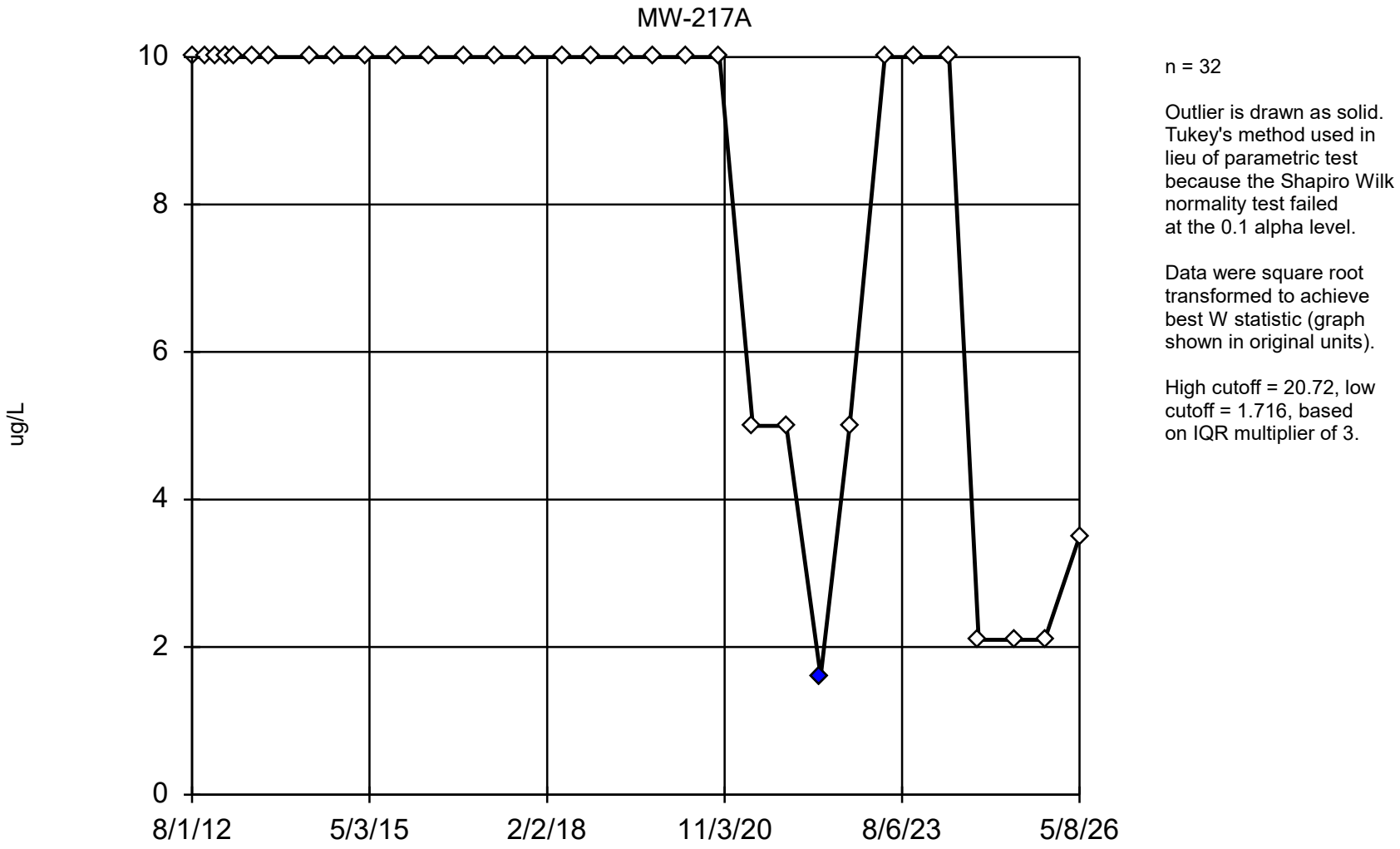
Tukey's Outlier Screening



n = 32

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 20.72, low cutoff = 1.716, based on IQR multiplier of 3.

Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 7/1/2026 3:50 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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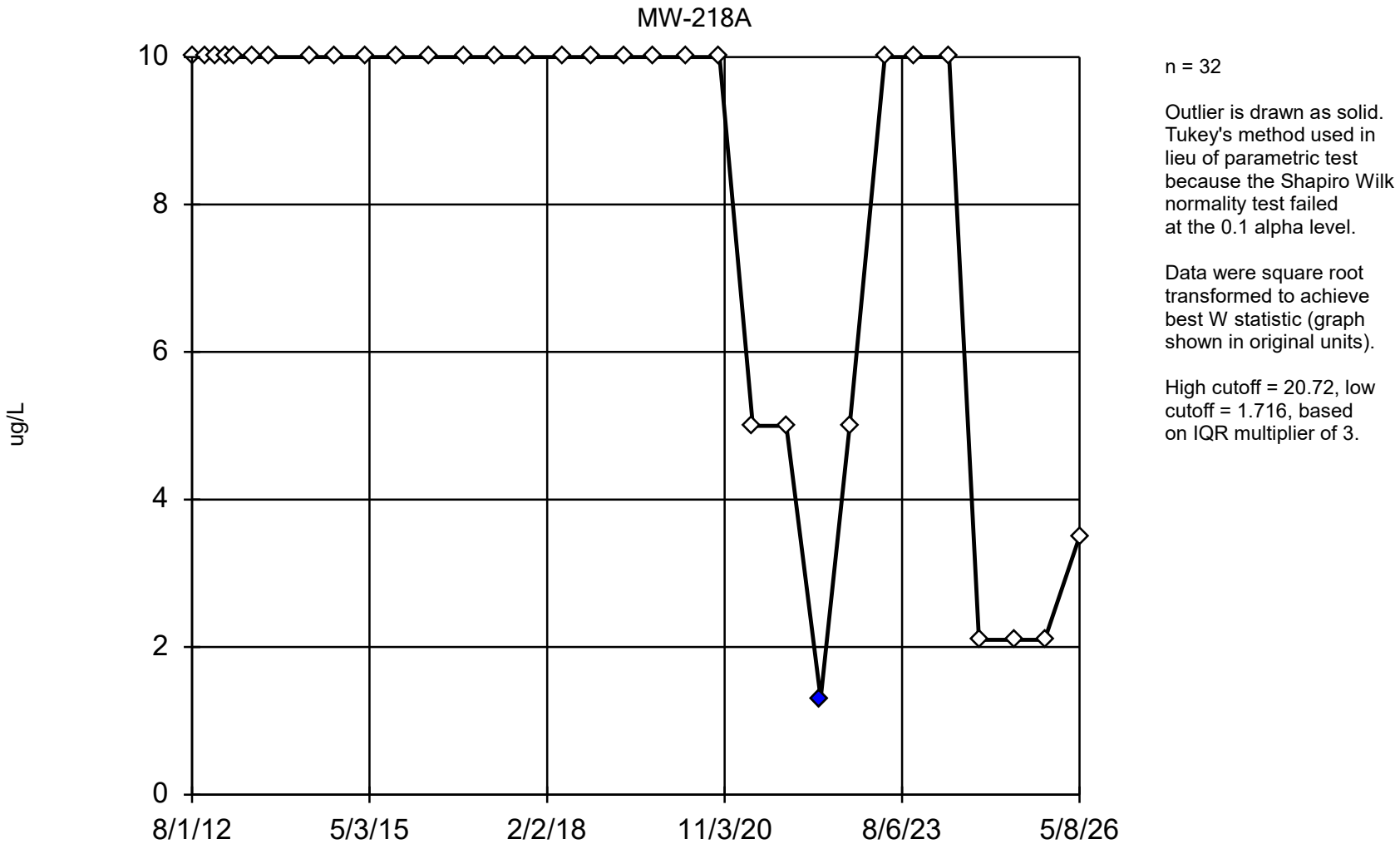
Tukey's Outlier Screening



n = 32

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

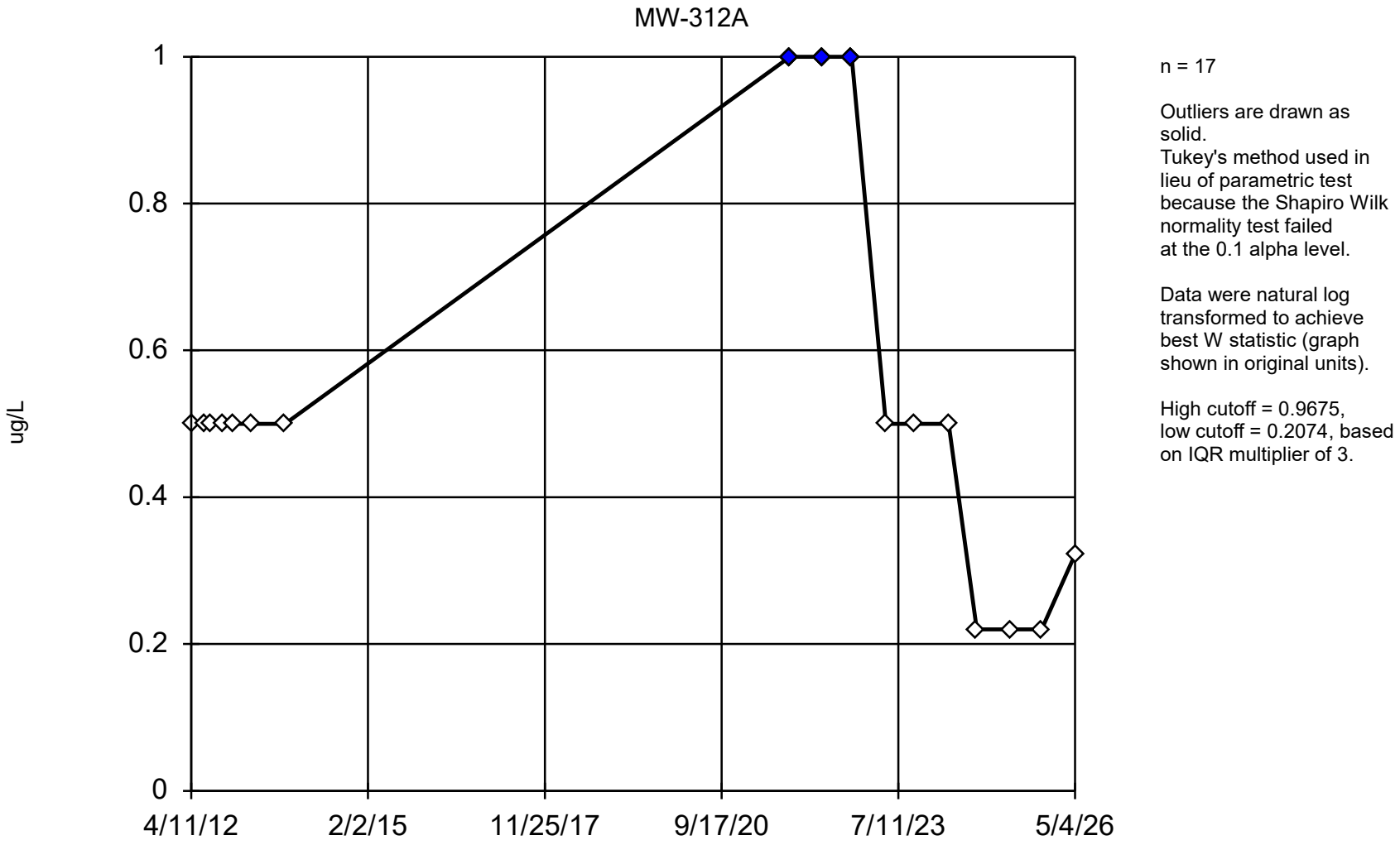
High cutoff = 20.72, low cutoff = 1.716, based on IQR multiplier of 3.

Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 7/1/2026 3:50 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 17

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.9675, low cutoff = 0.2074, based on IQR multiplier of 3.

Constituent: Benzene Analysis Run 7/1/2026 3:52 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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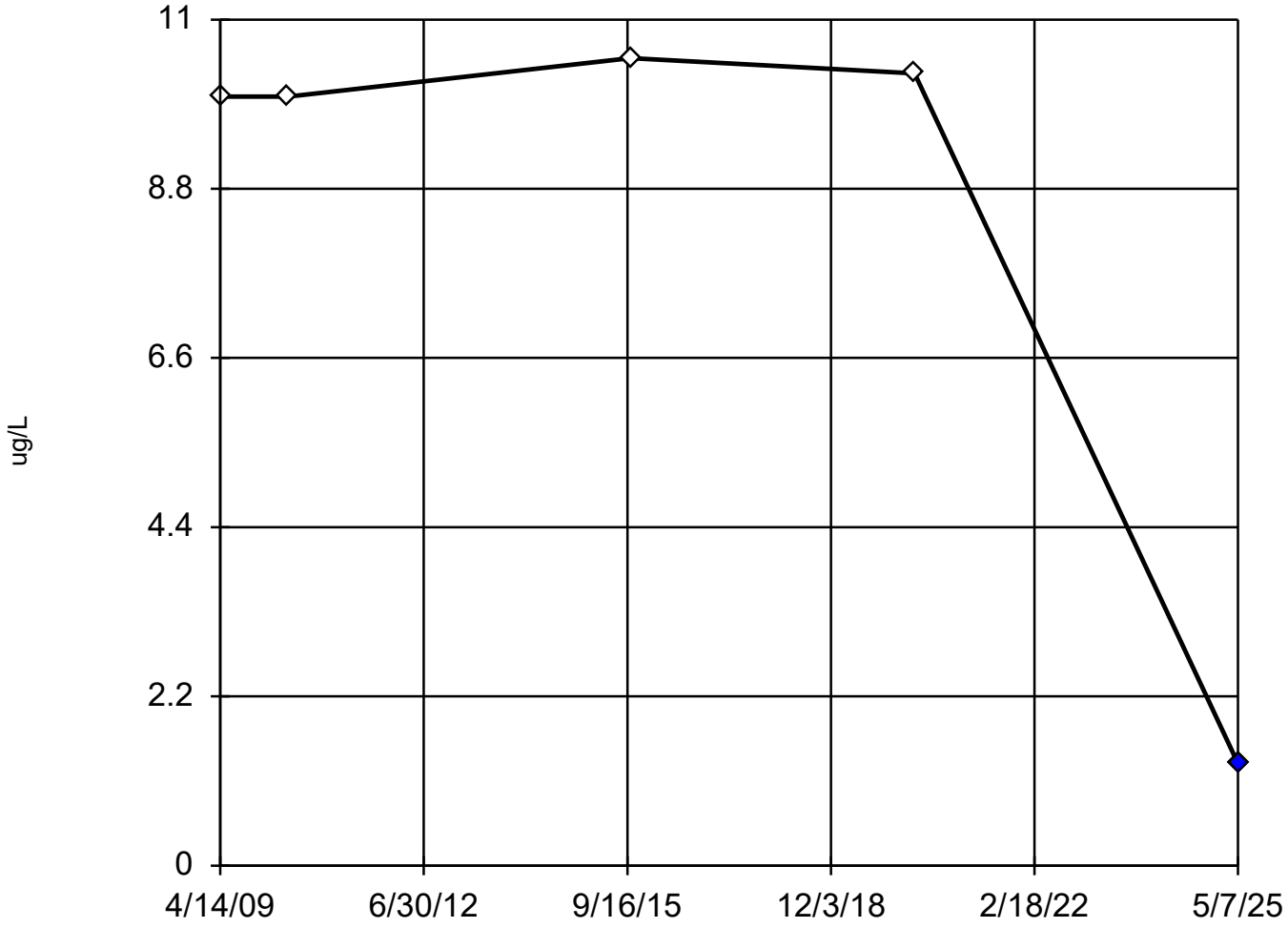
Dixon's Outlier Test

MW-24A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.426.
Std. Dev. = 3.972.
<1.33: c = 0.9455
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.862
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Benzyl alcohol Analysis Run 7/1/2026 3:53 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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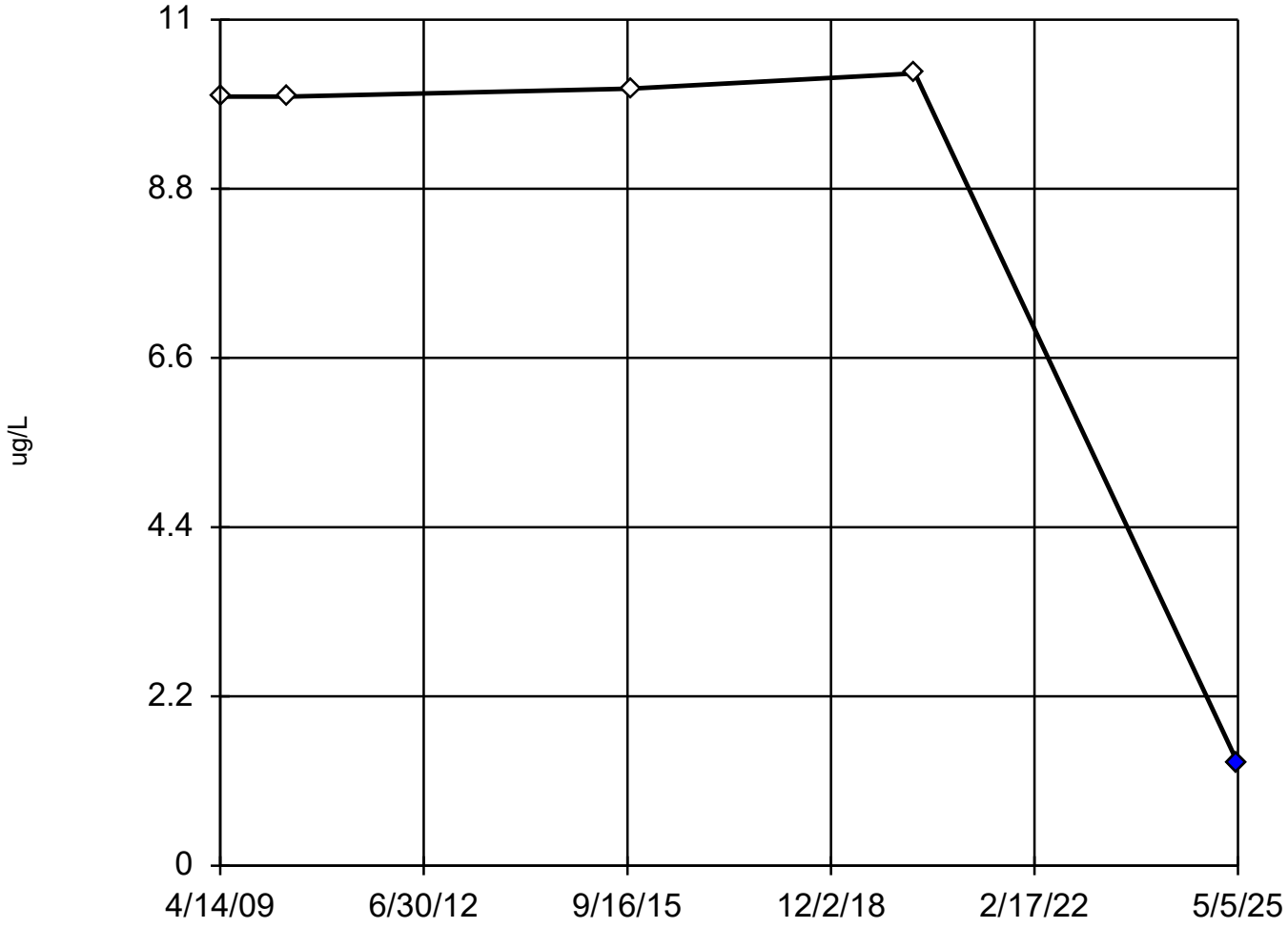
Dixon's Outlier Test

MW-29A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.346.
Std. Dev. = 3.924.
<1.33: c = 0.9666
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8283
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Benzyl alcohol Analysis Run 7/1/2026 3:53 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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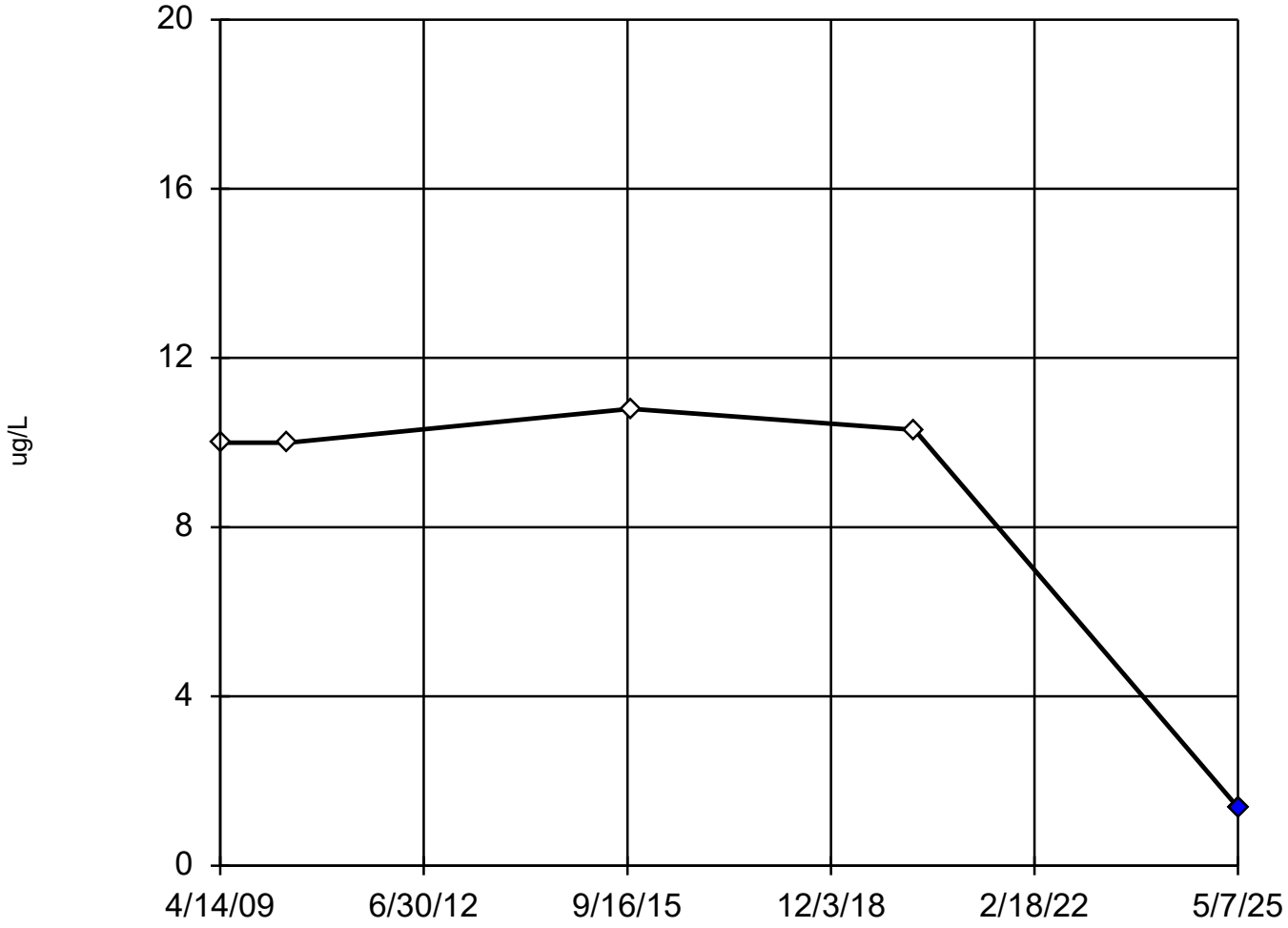
Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.496.
Std. Dev. = 3.991.
<1.38: c = 0.9151
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8423
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

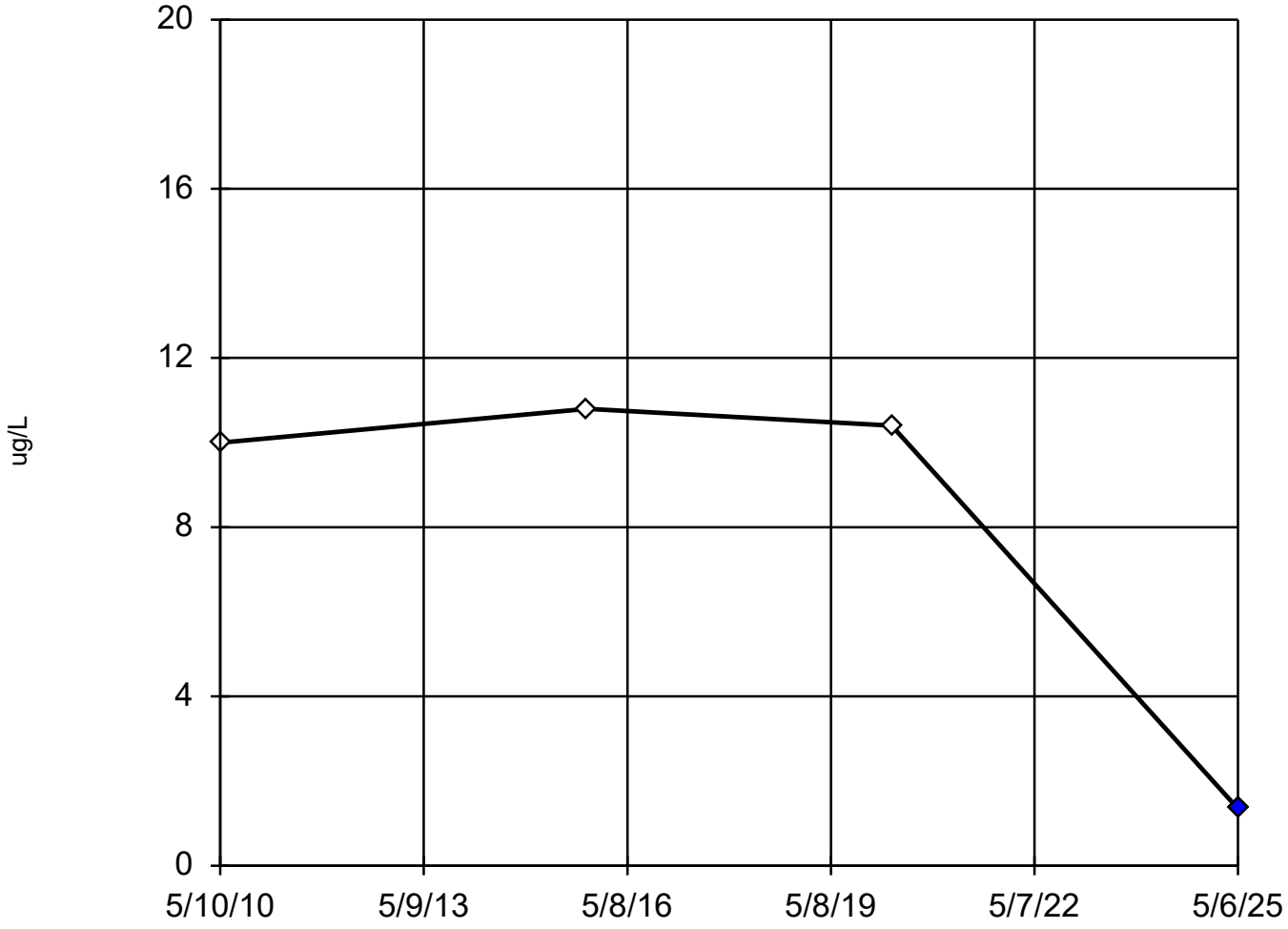
Constituent: Benzyl alcohol Analysis Run 7/1/2026 3:53 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.137.
Std. Dev. = 4.537.
<1.35: c = 0.9153
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 1
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

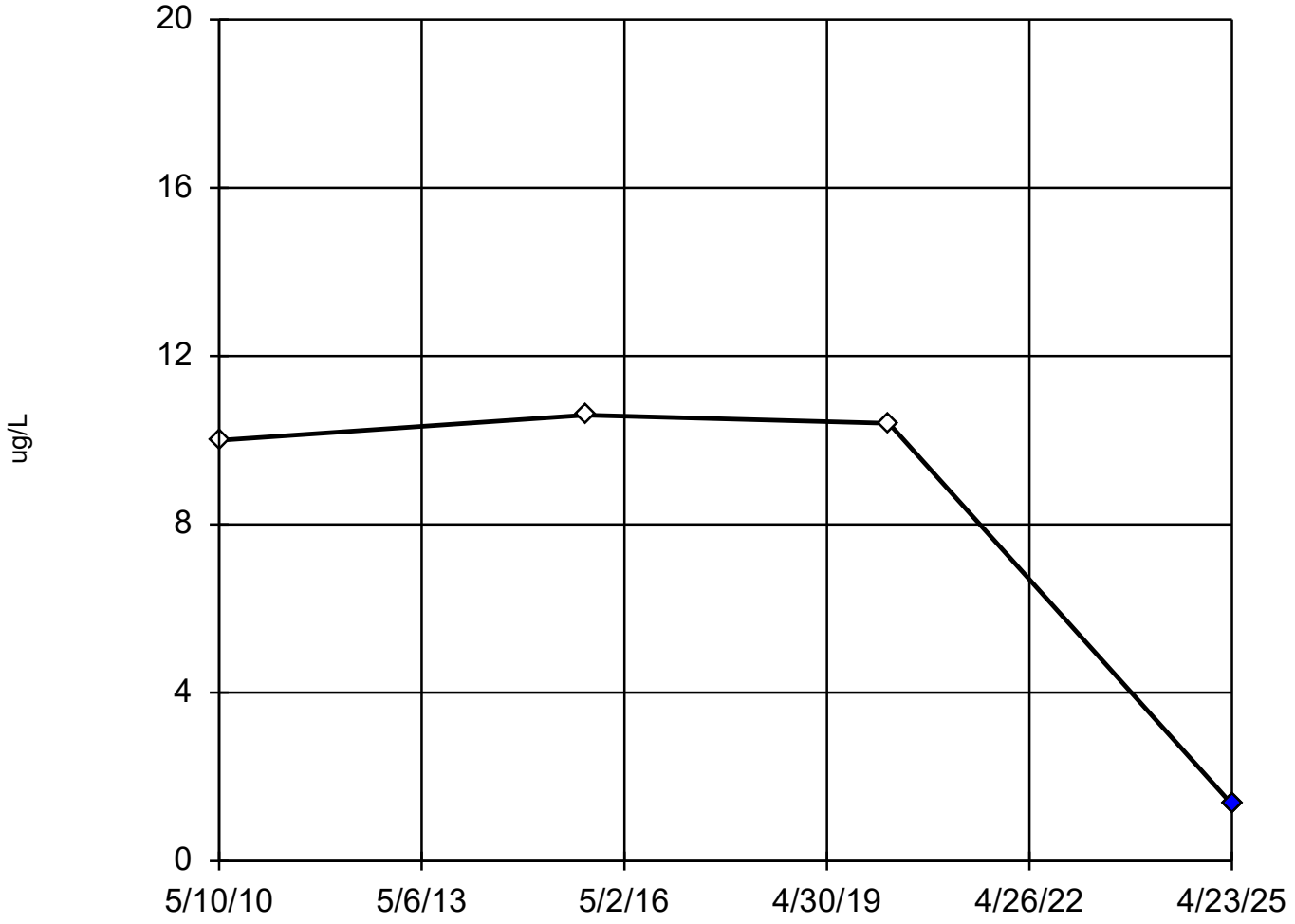
Constituent: Benzyl alcohol Analysis Run 7/1/2026 3:53 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.088.
Std. Dev. = 4.499.
<1.35: c = 0.9351
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

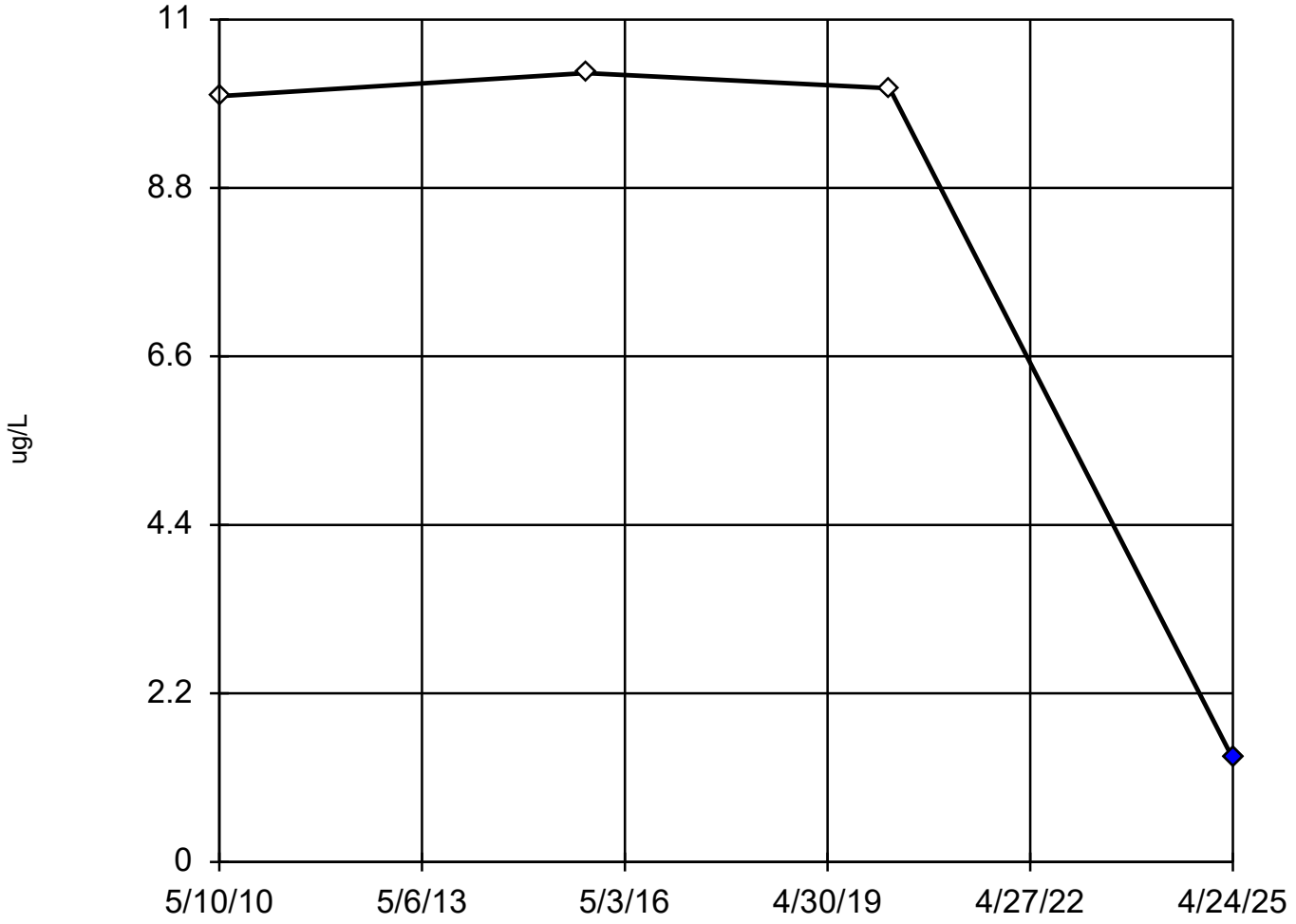
Constituent: Benzyl alcohol Analysis Run 7/1/2026 3:53 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.938.
Std. Dev. = 4.393.
<1.35: c = 0.9665
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

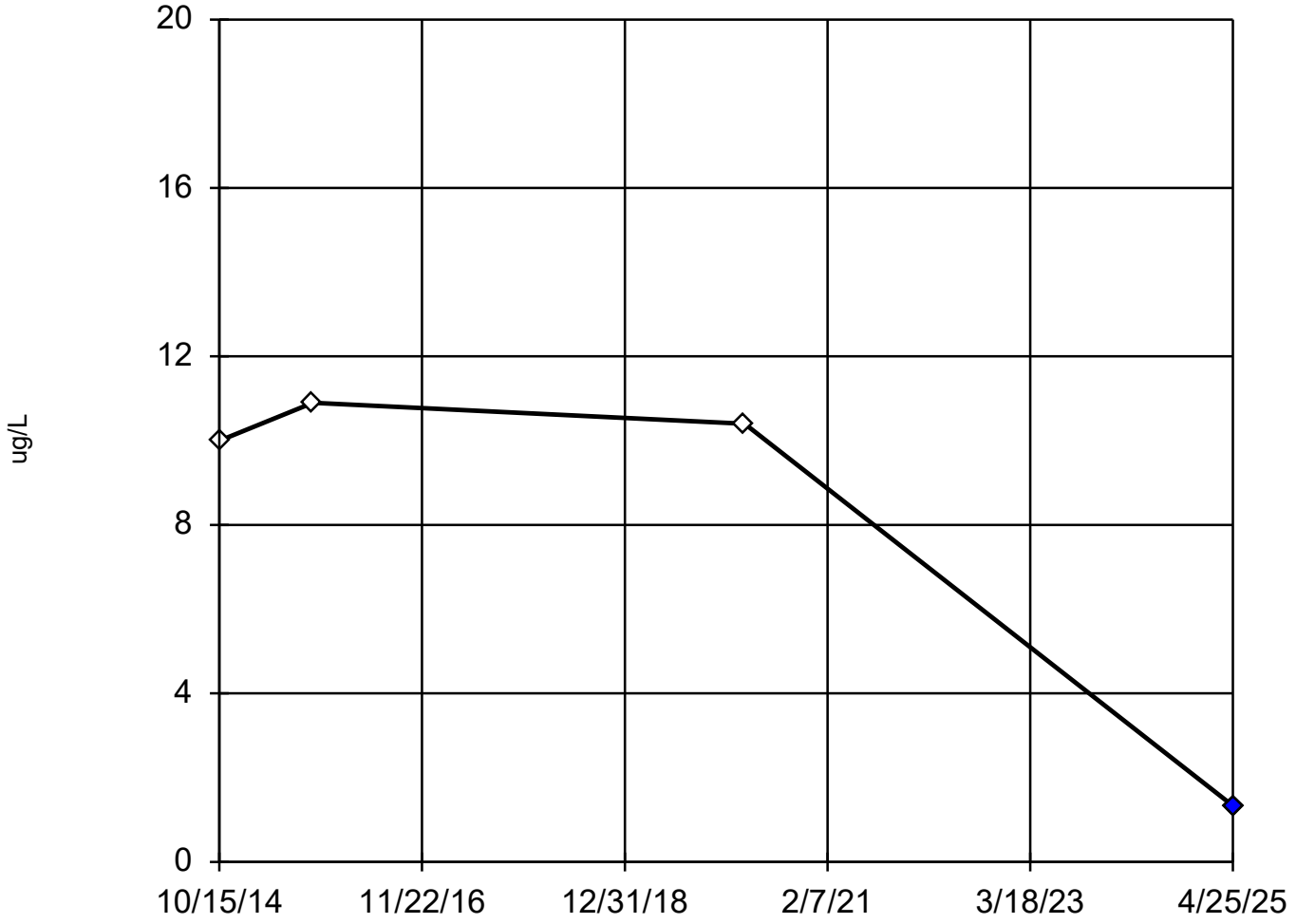
Constituent: Benzyl alcohol Analysis Run 7/1/2026 3:53 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-208B



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.157.
Std. Dev. = 4.567.
<1.33: c = 0.906
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9959
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

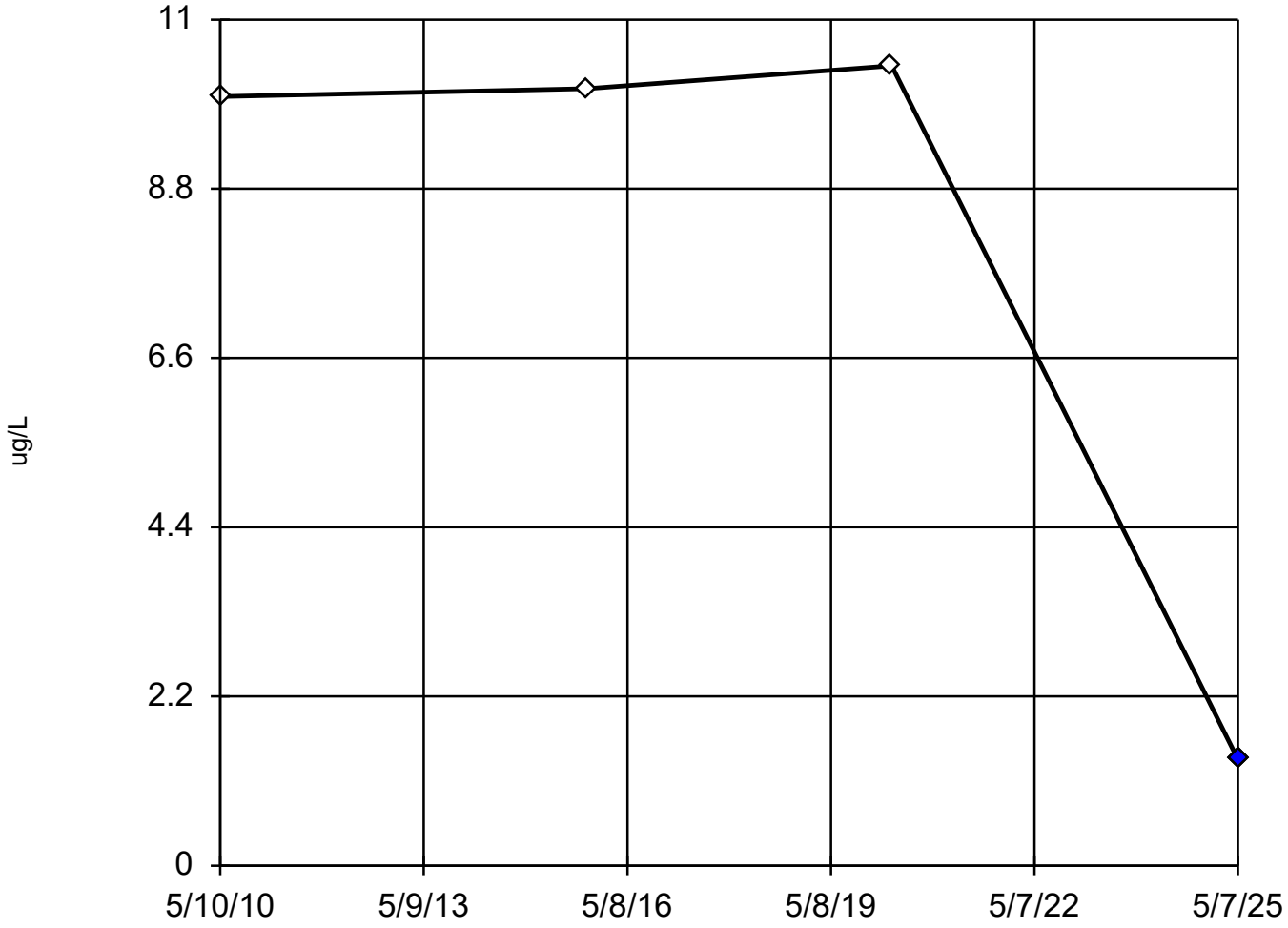
Constituent: Benzyl alcohol Analysis Run 7/1/2026 3:53 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.97.
Std. Dev. = 4.397.
<1.38: c = 0.9557
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9231
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

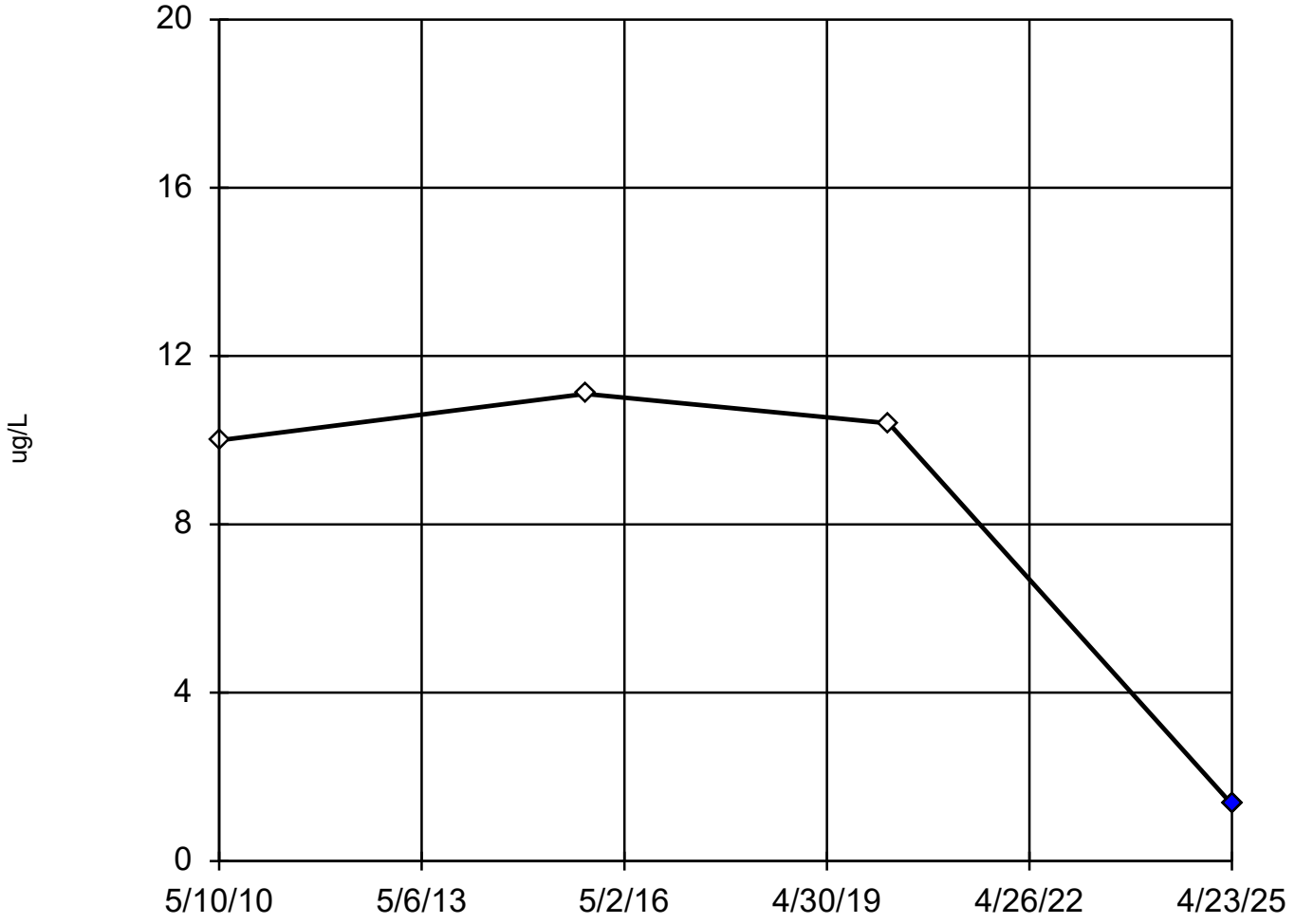
Constituent: Benzyl alcohol Analysis Run 7/1/2026 3:53 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.213.
Std. Dev. = 4.598.
<1.35: c = 0.8872
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9758
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

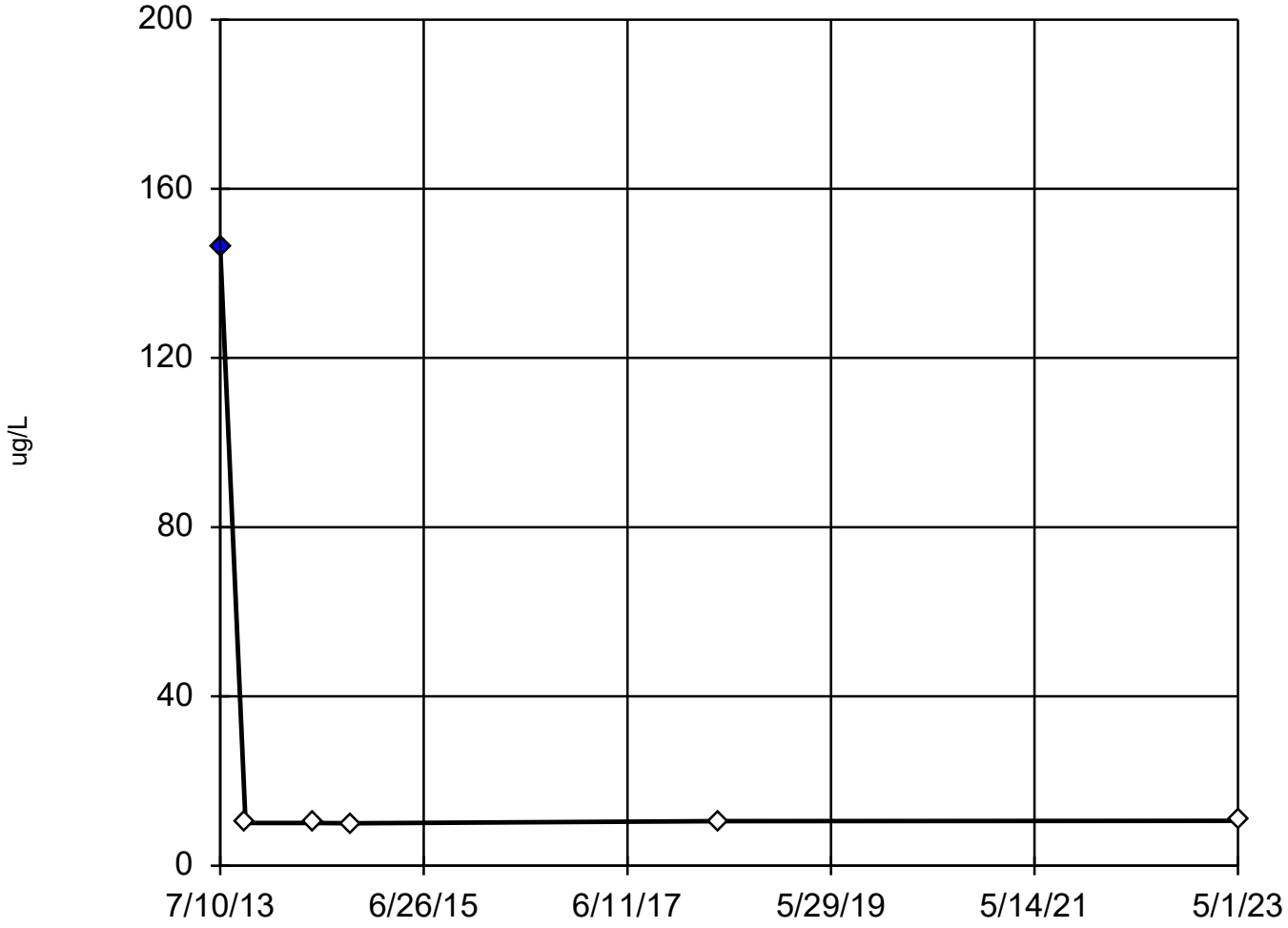
Constituent: Benzyl alcohol Analysis Run 7/1/2026 3:53 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-219A



n = 6

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 32.88.
Std. Dev. = 55.42.
146 (o): c = 0.9956
tabl = 0.56.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8401
Critical = 0.806
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Benzyl alcohol Analysis Run 7/1/2026 3:53 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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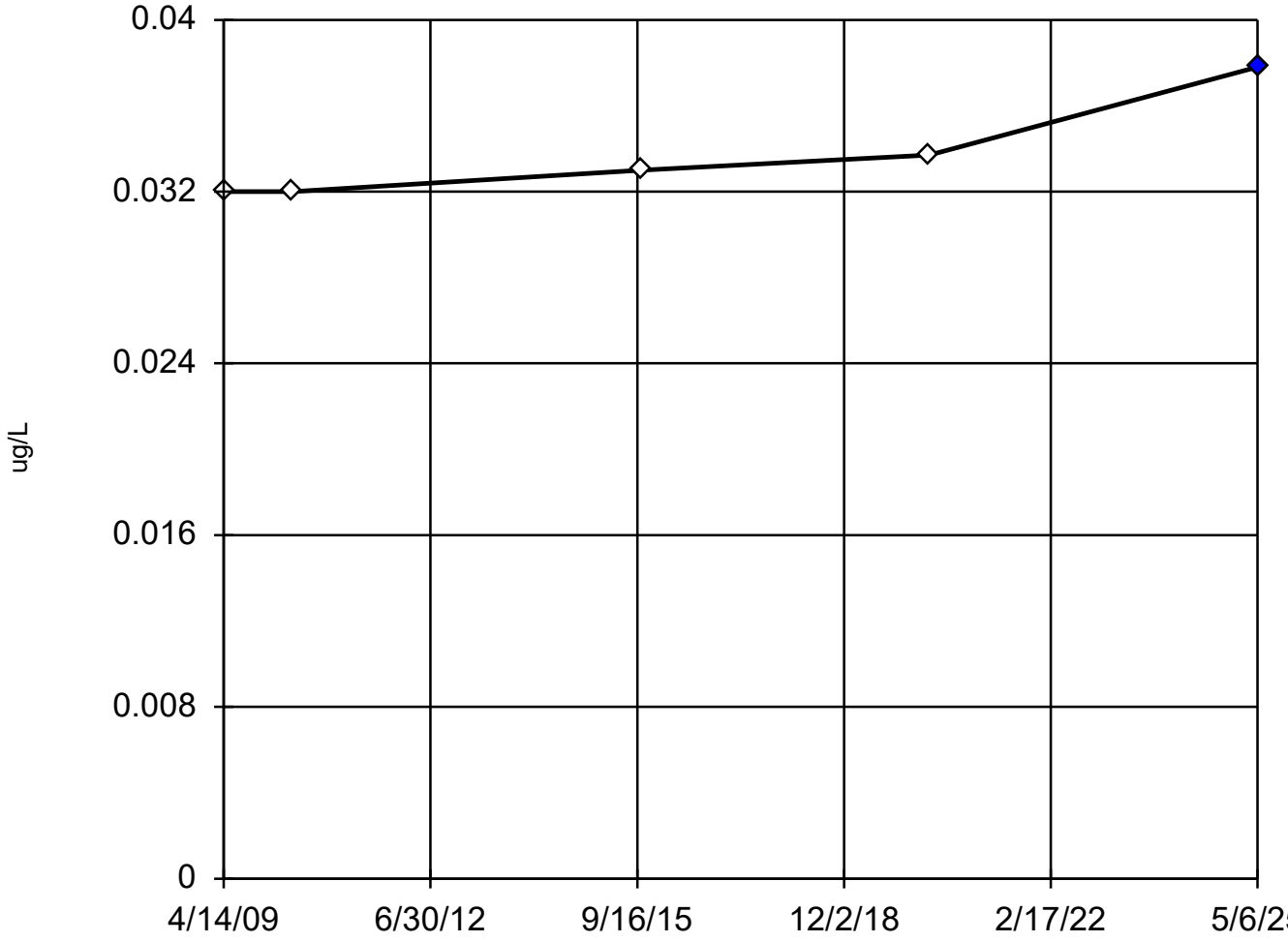
Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.0337.
Std. Dev. = 0.002402.
<0.0378: c = 0.7069
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8632
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

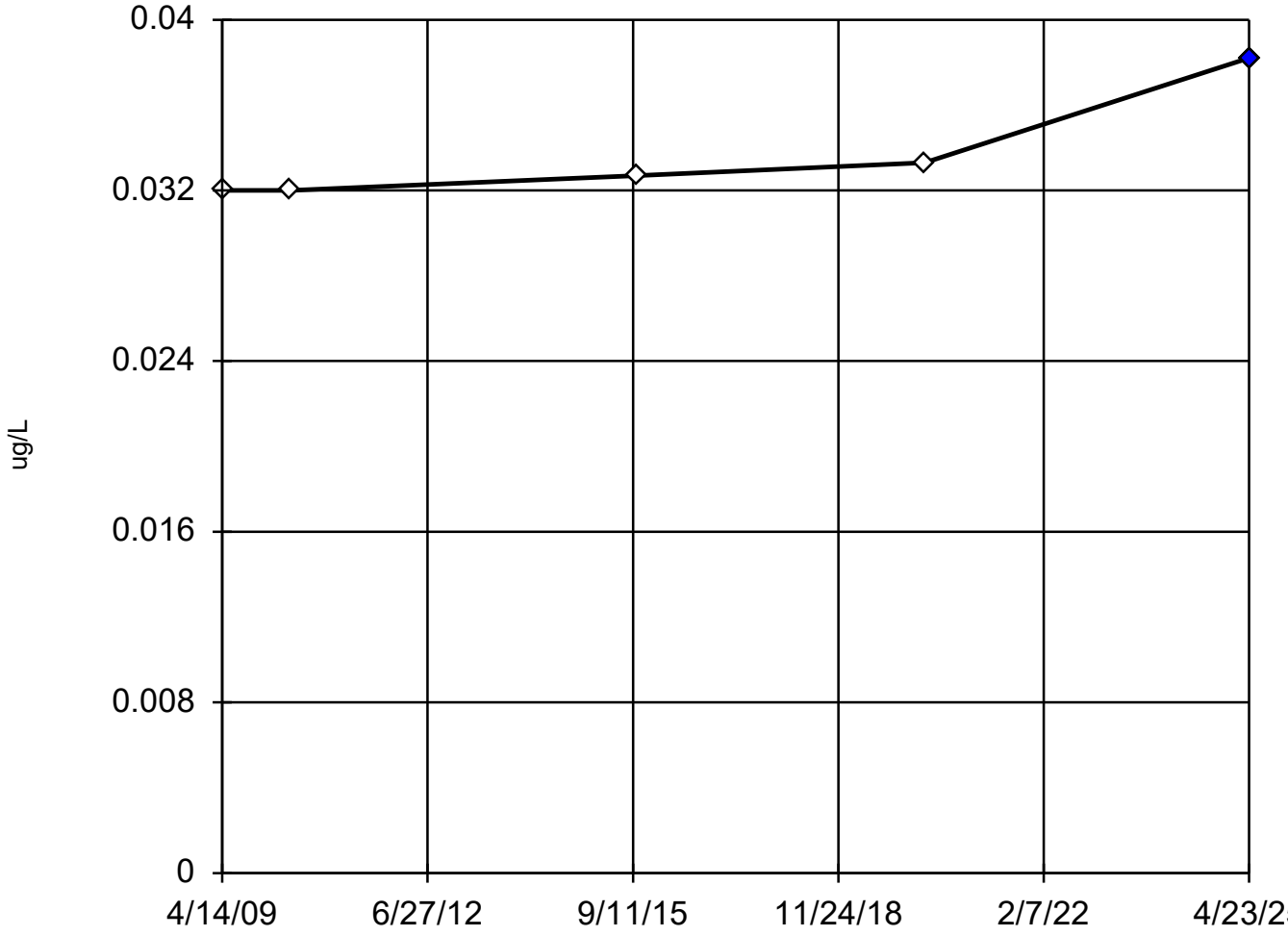
Constituent: Beta-BHC Analysis Run 7/1/2026 3:54 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-17A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.03364.
Std. Dev. = 0.002606.
<0.0382: c = 0.7903
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8658
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

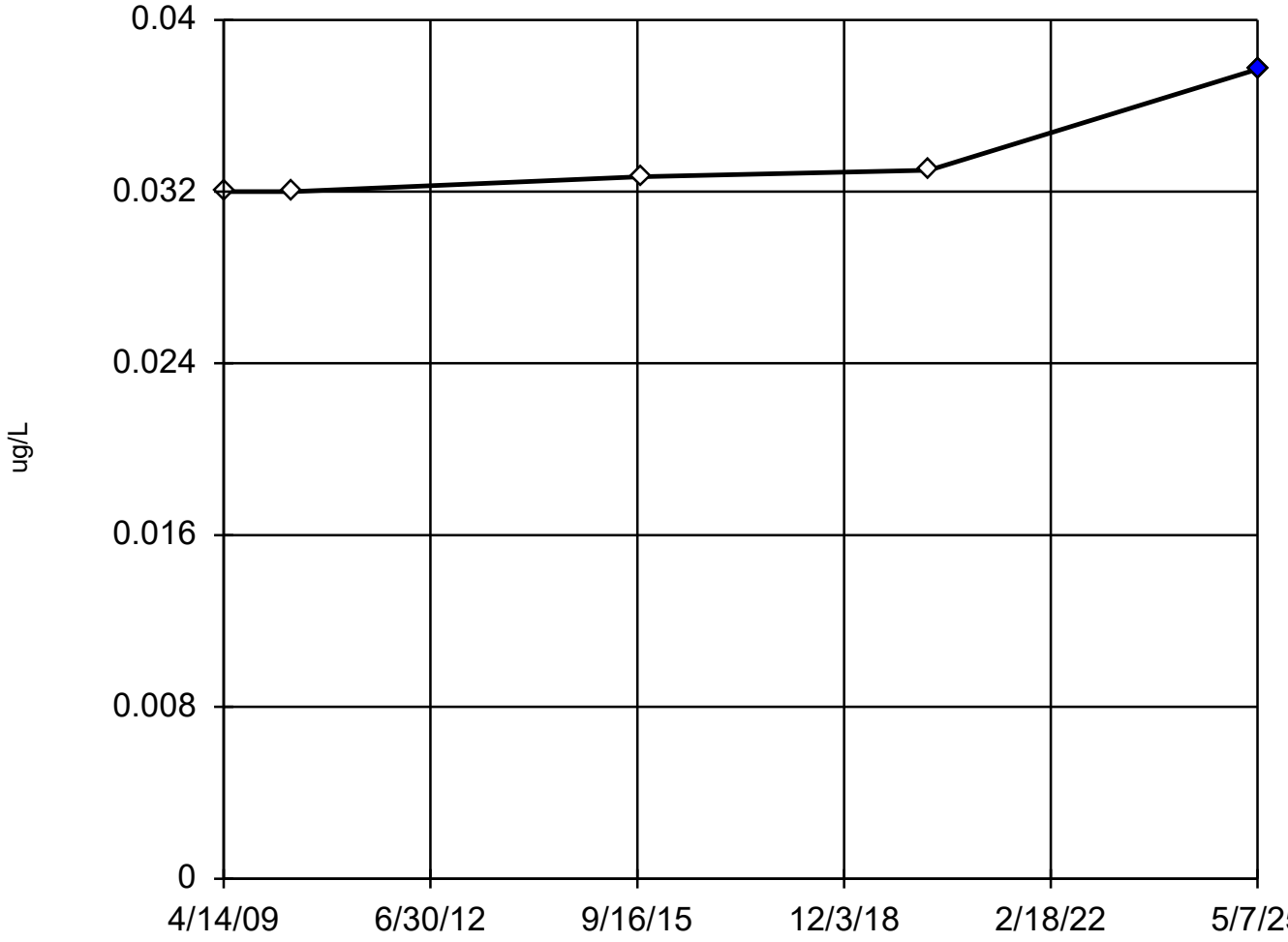
Constituent: Beta-BHC Analysis Run 7/1/2026 3:54 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.03348.
Std. Dev. = 0.002399.
<0.0377: c = 0.8246
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8435
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Beta-BHC Analysis Run 7/1/2026 3:54 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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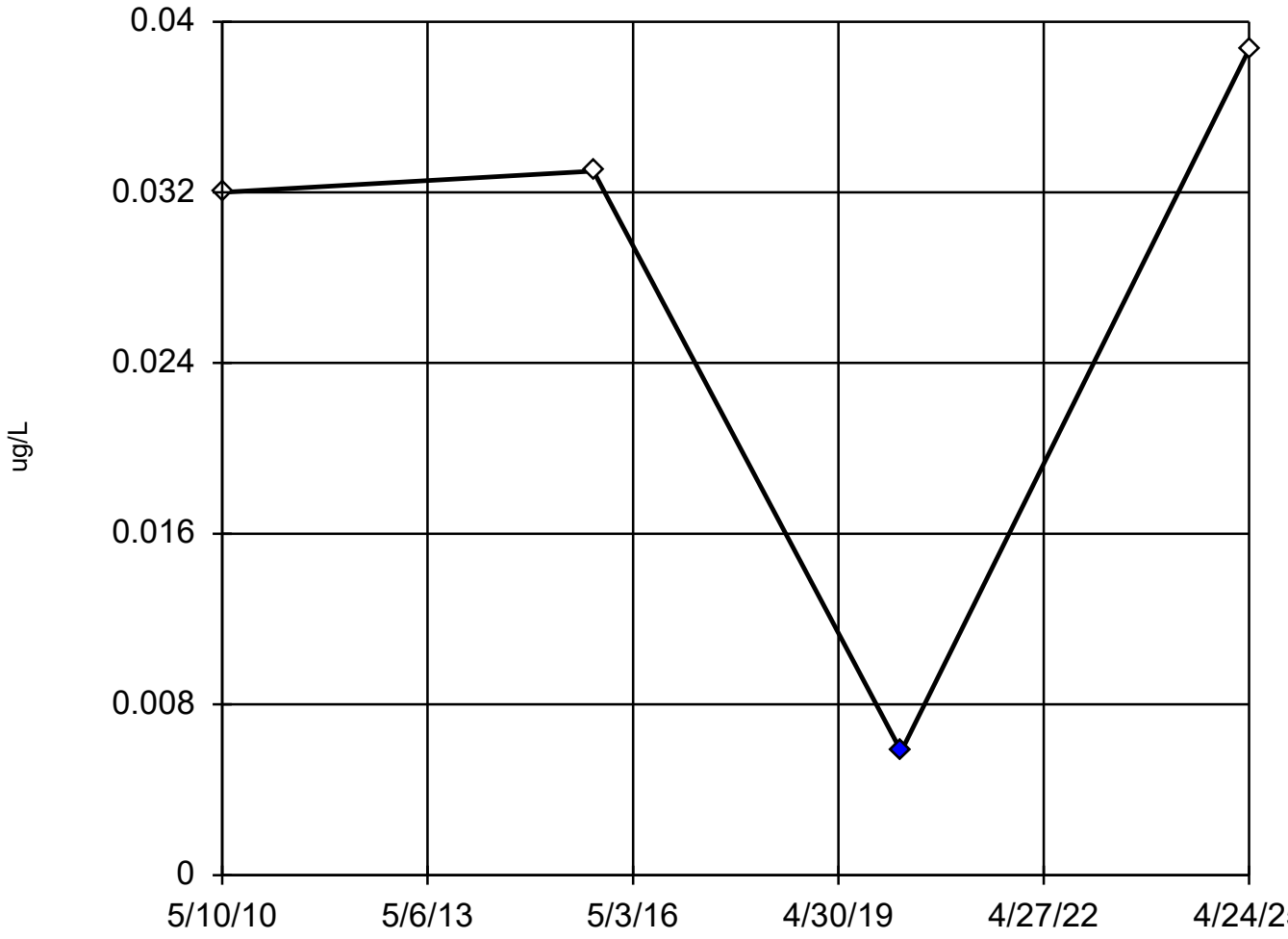
Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02738.
Std. Dev. = 0.01468.
0.0058 (J): c = 0.7964
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8591
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Beta-BHC Analysis Run 7/1/2026 3:54 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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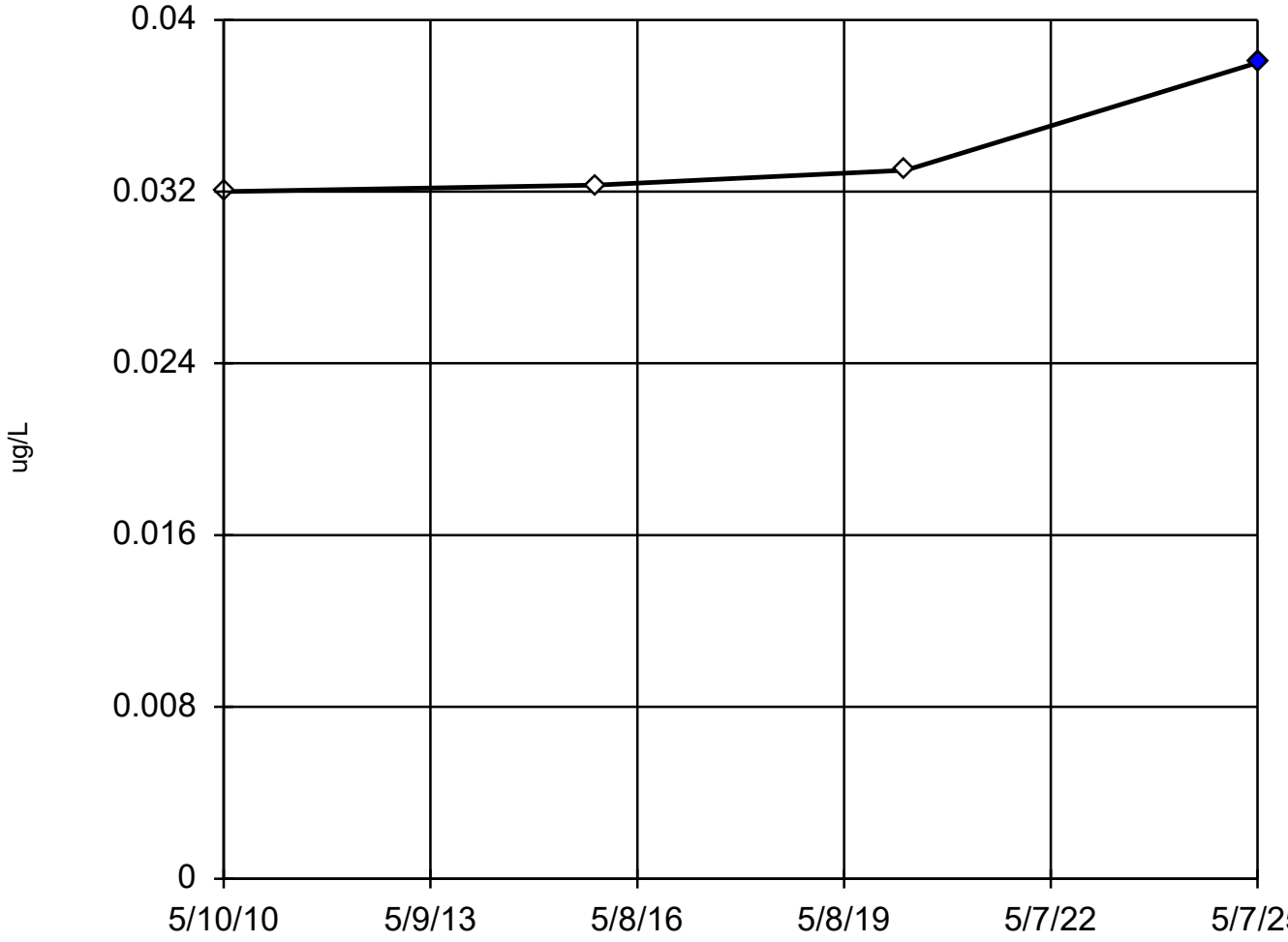
Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 0.03382.
Std. Dev. = 0.002815.
<0.038: c = 0.8333
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9493
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

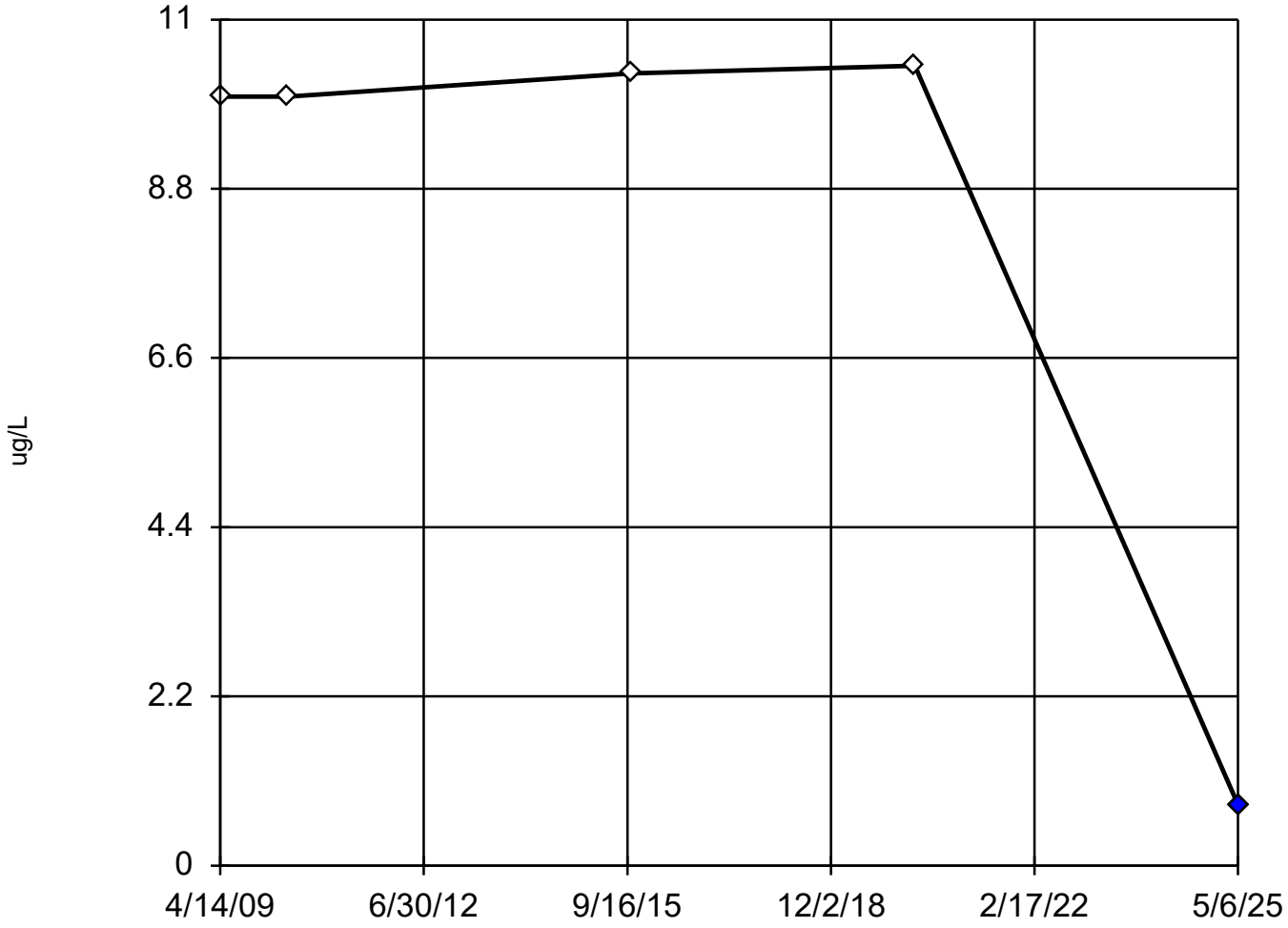
Constituent: Beta-BHC Analysis Run 7/1/2026 3:54 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.298.
Std. Dev. = 4.2.
<0.792: c = 0.9584
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8294
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

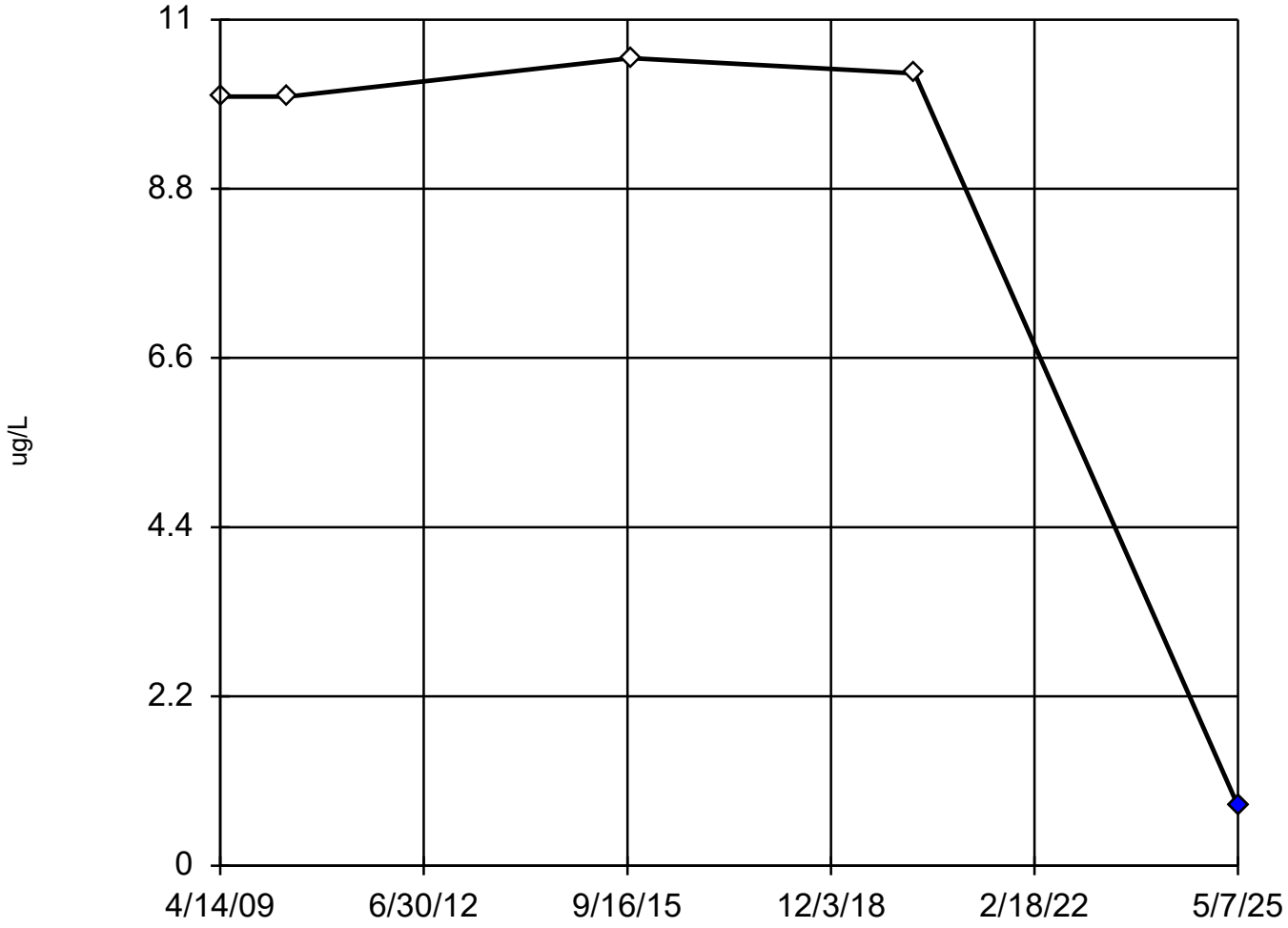
Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:55 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-24A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.315.
Std. Dev. = 4.22.
<0.776: c = 0.9486
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.862
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

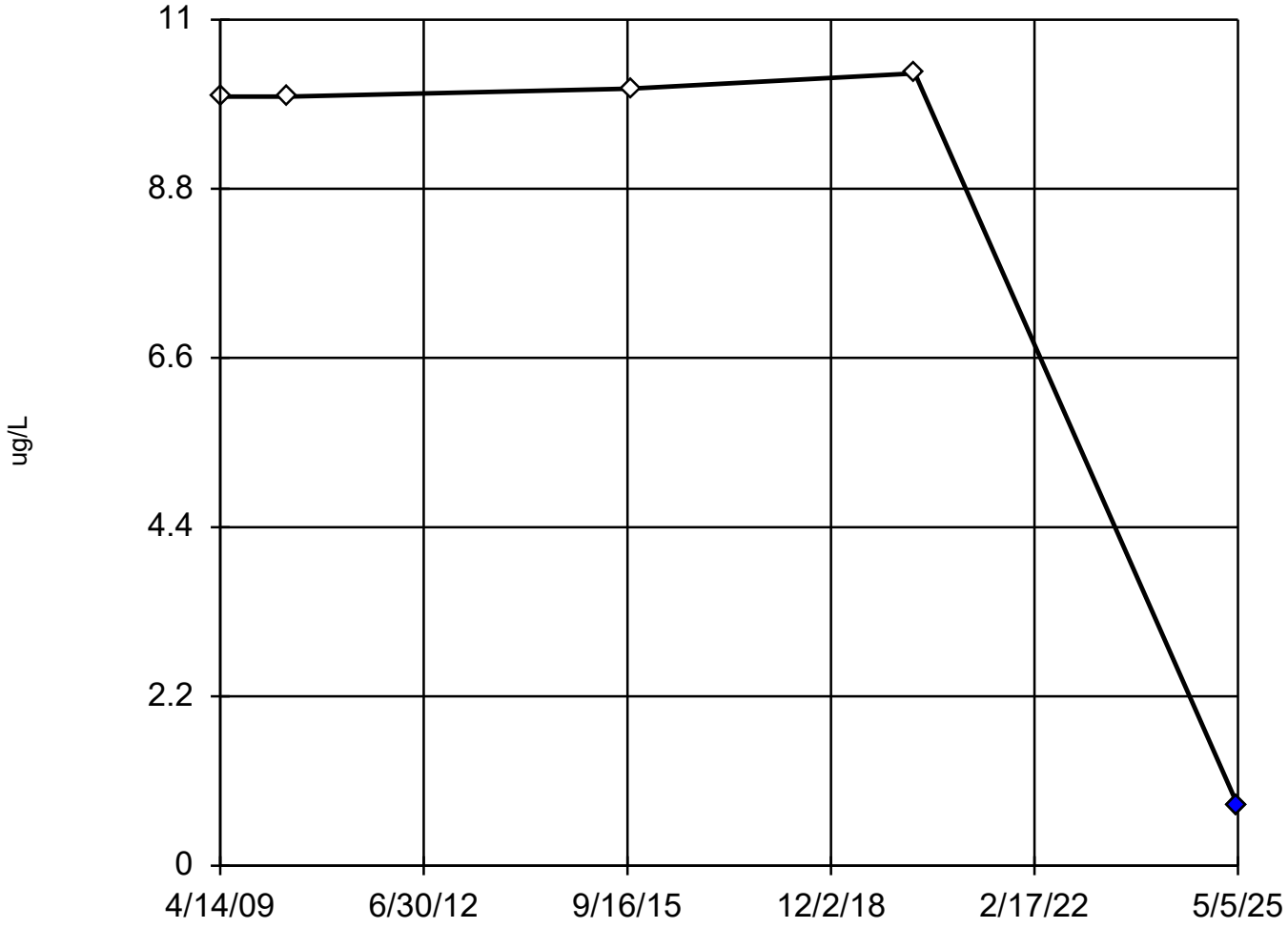
Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:55 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-29A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.235.
Std. Dev. = 4.172.
<0.776: c = 0.9685
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8283
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

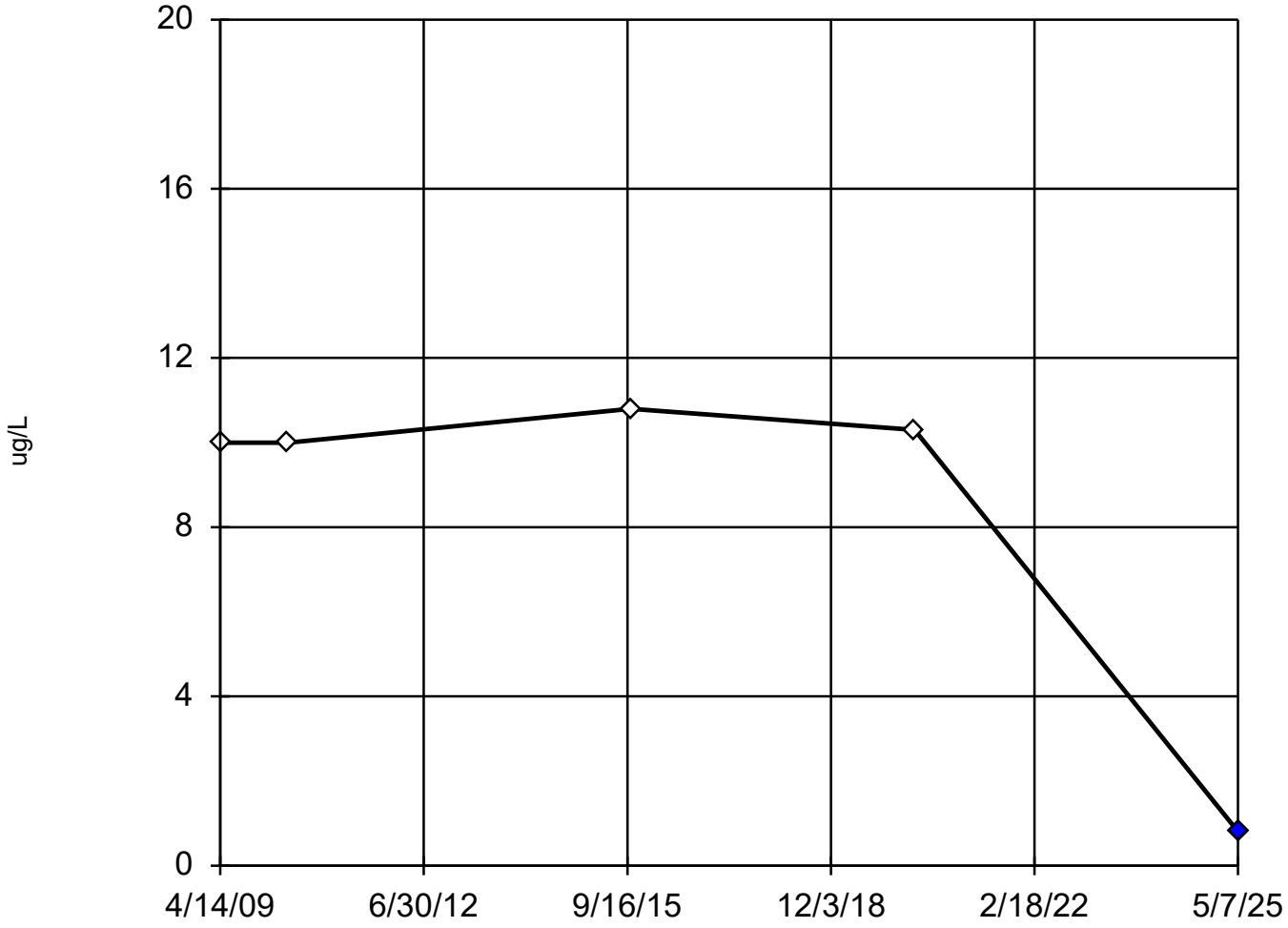
Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:55 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.382.
Std. Dev. = 4.246.
<0.809: c = 0.9199
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8423
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

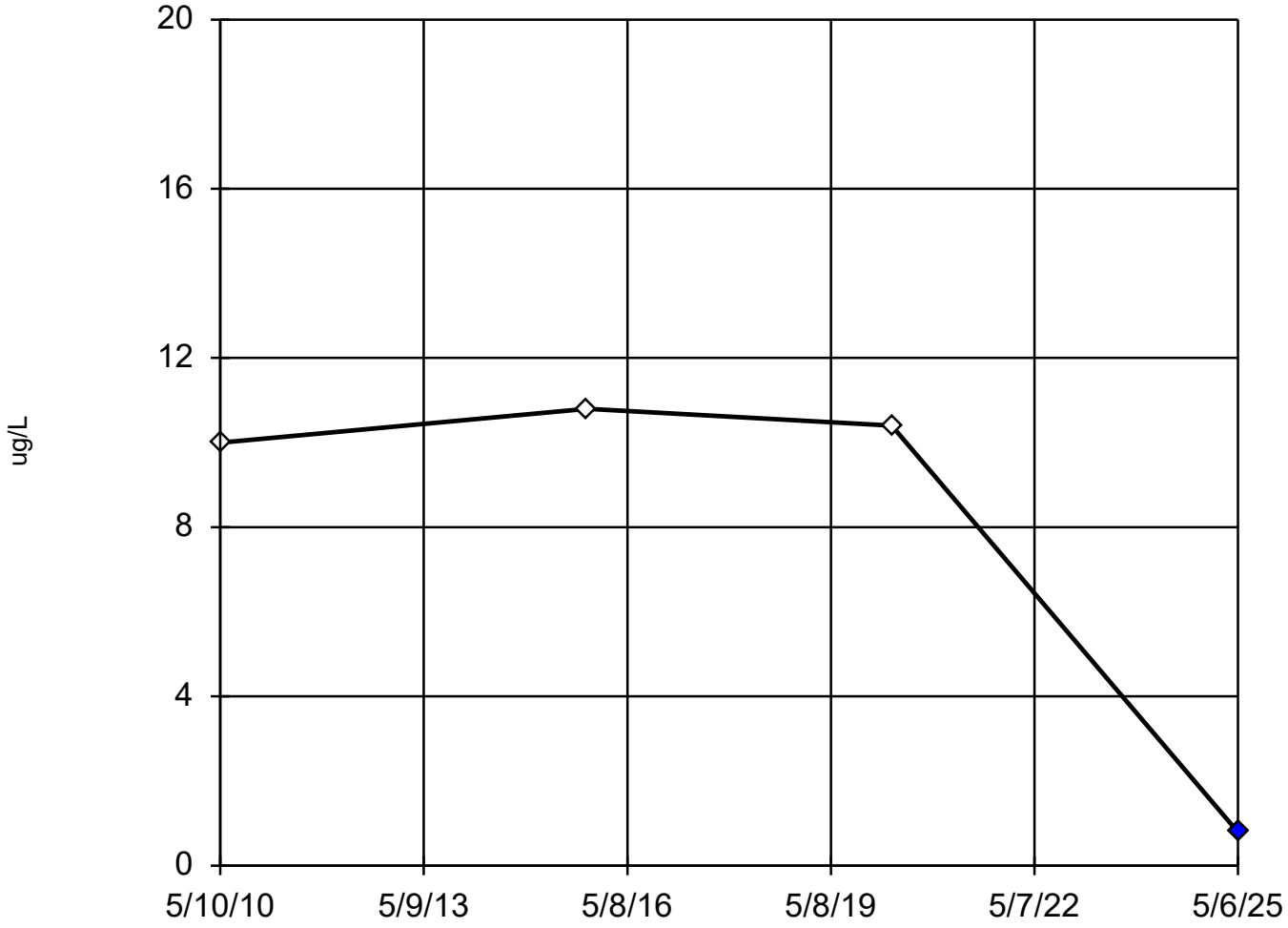
Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:55 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.998.
Std. Dev. = 4.815.
<0.792: c = 0.9201
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 1
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

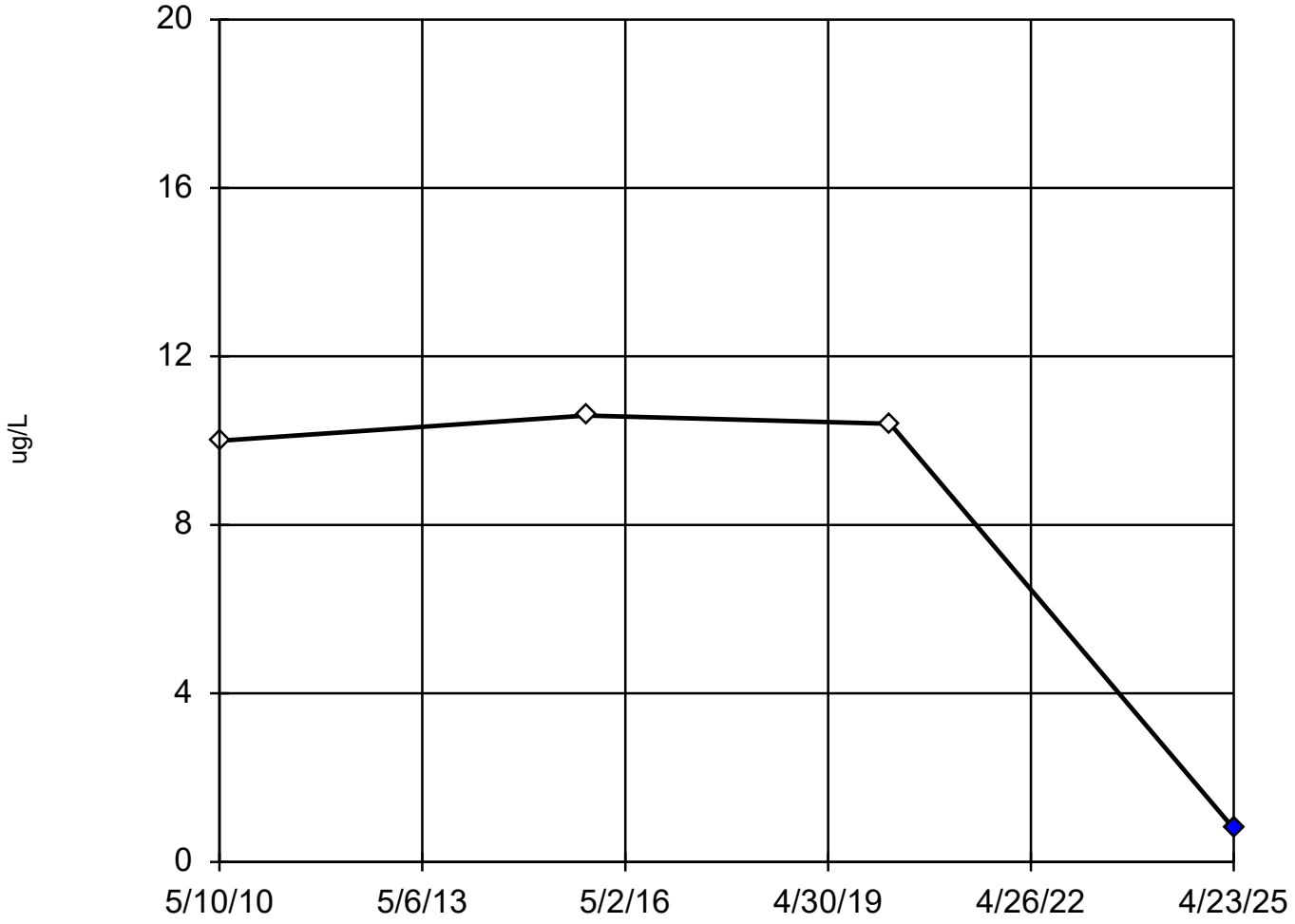
Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:55 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.948.
Std. Dev. = 4.777.
<0.792: c = 0.9388
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

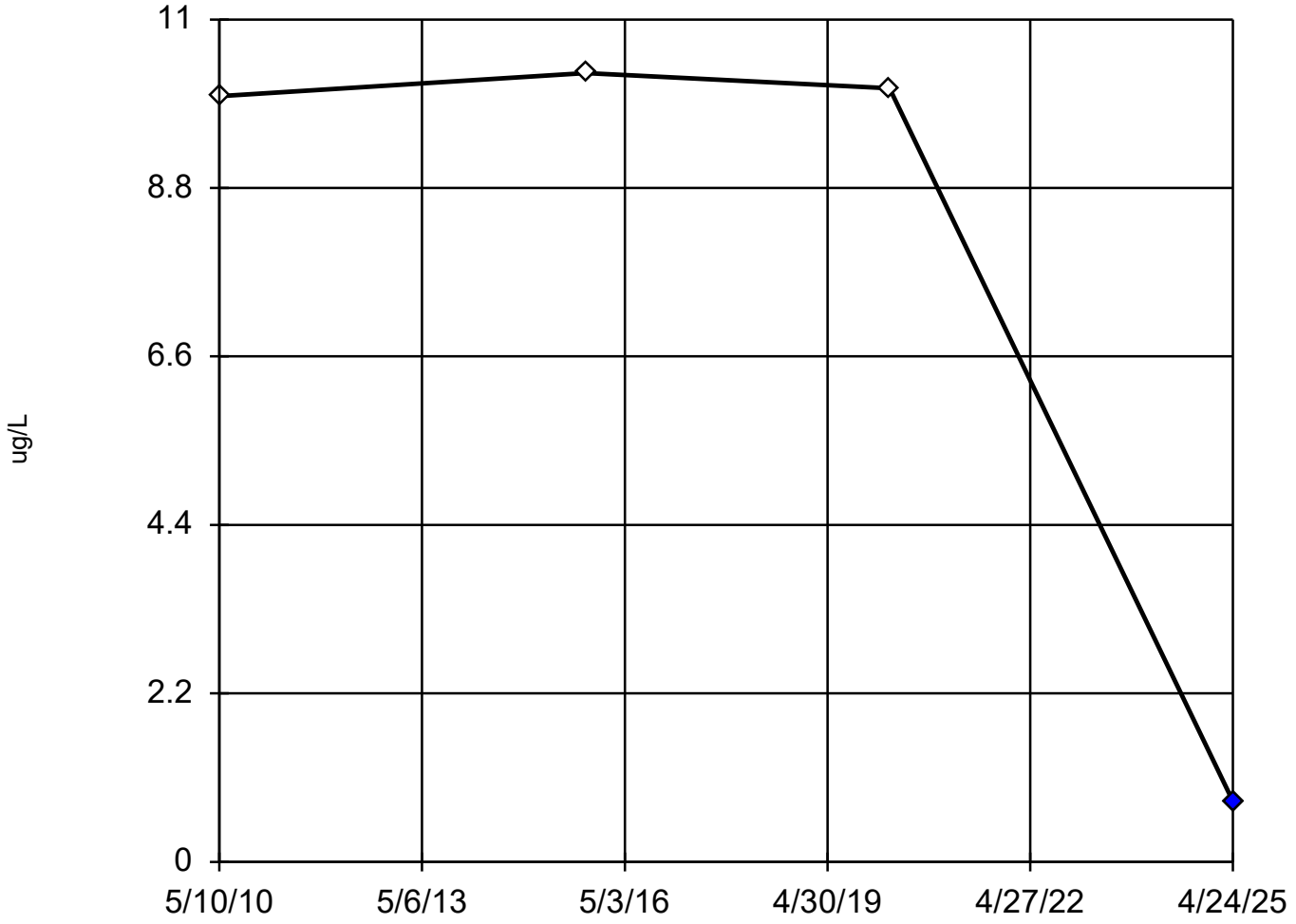
Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:55 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.798.
Std. Dev. = 4.672.
<0.792: c = 0.9684
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:55 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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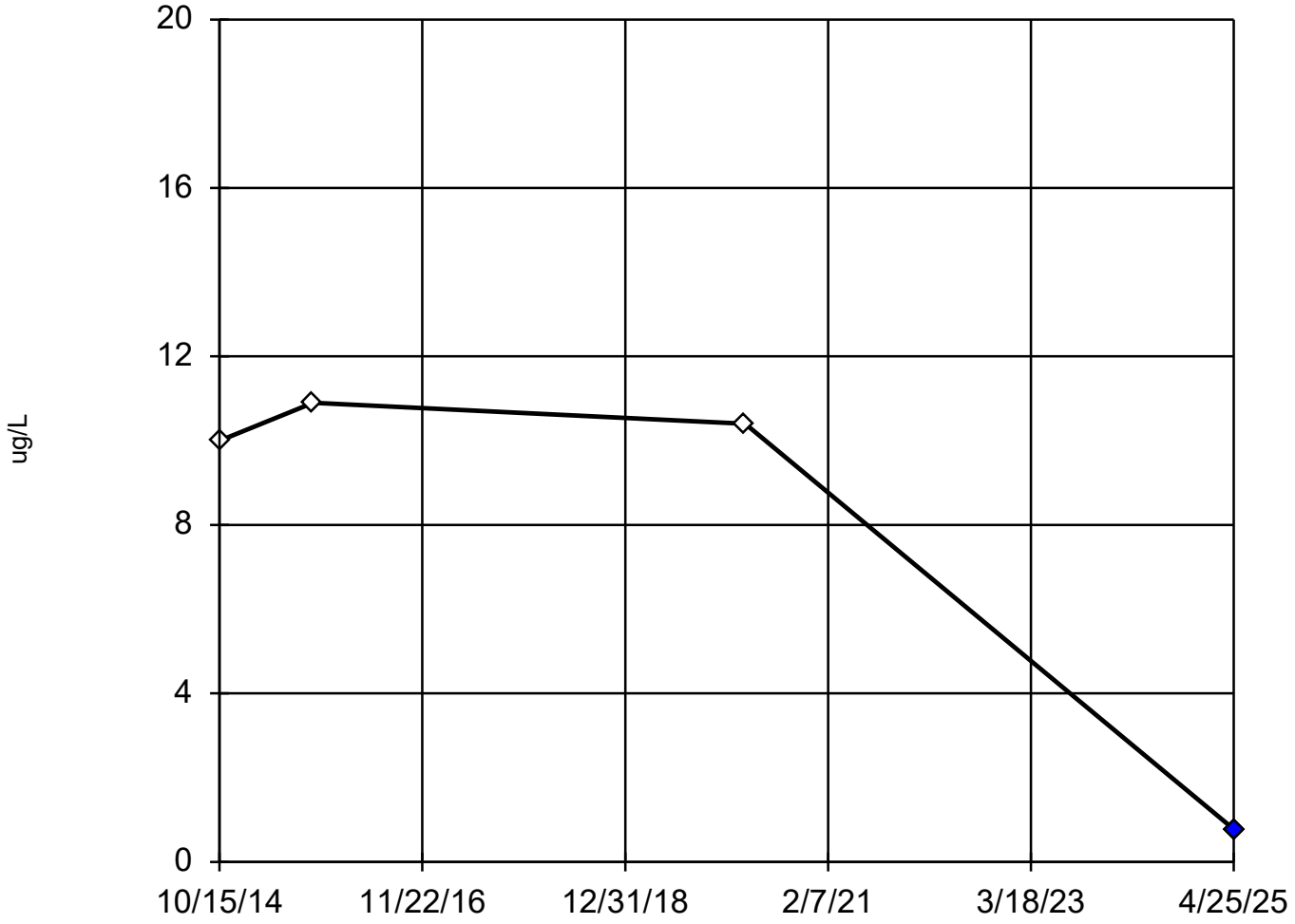
Dixon's Outlier Test

MW-208B



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.019.
Std. Dev. = 4.843.
<0.776: c = 0.9111
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9959
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

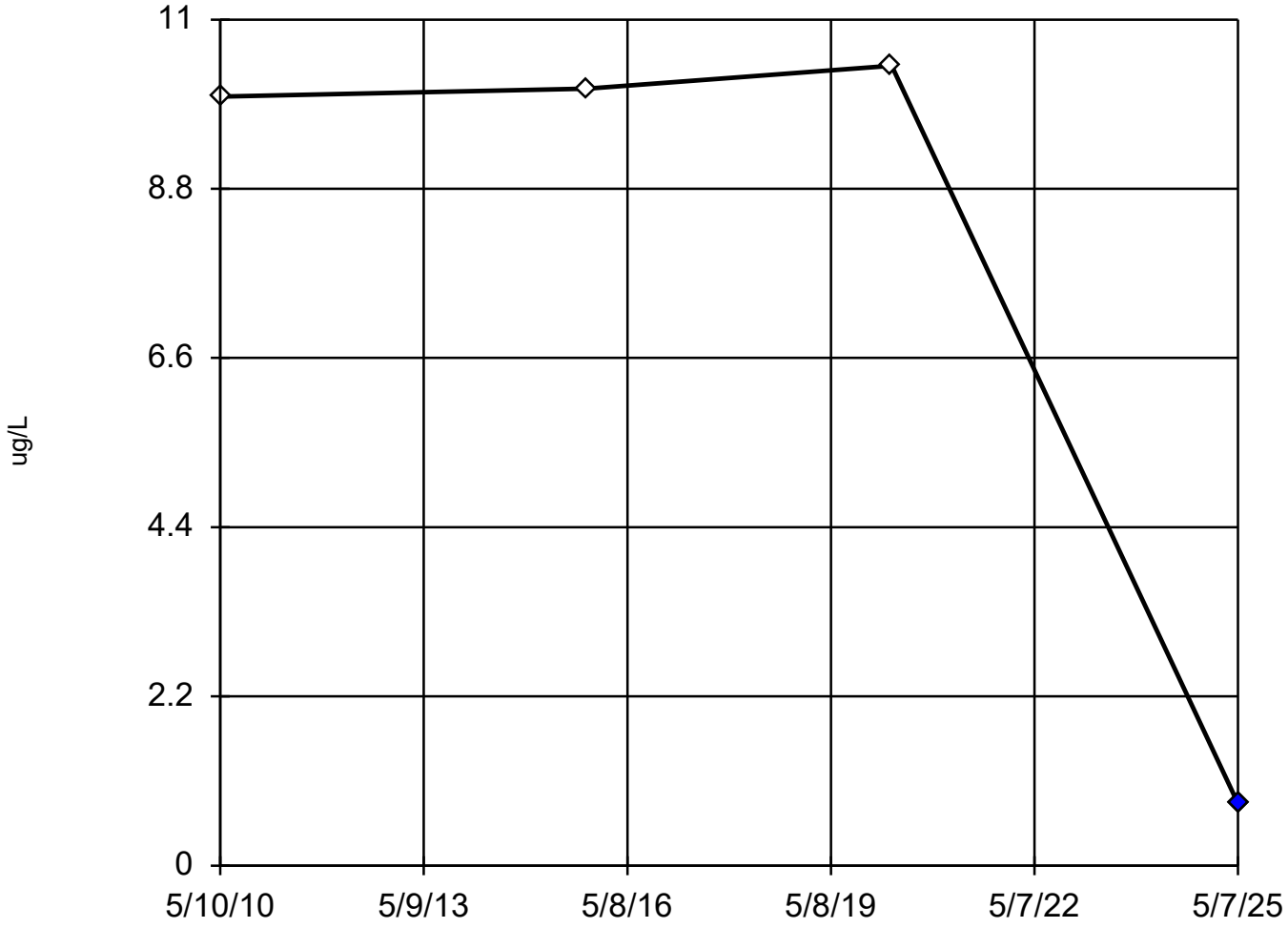
Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:55 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.827.
Std. Dev. = 4.682.
<0.809: c = 0.9583
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9231
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

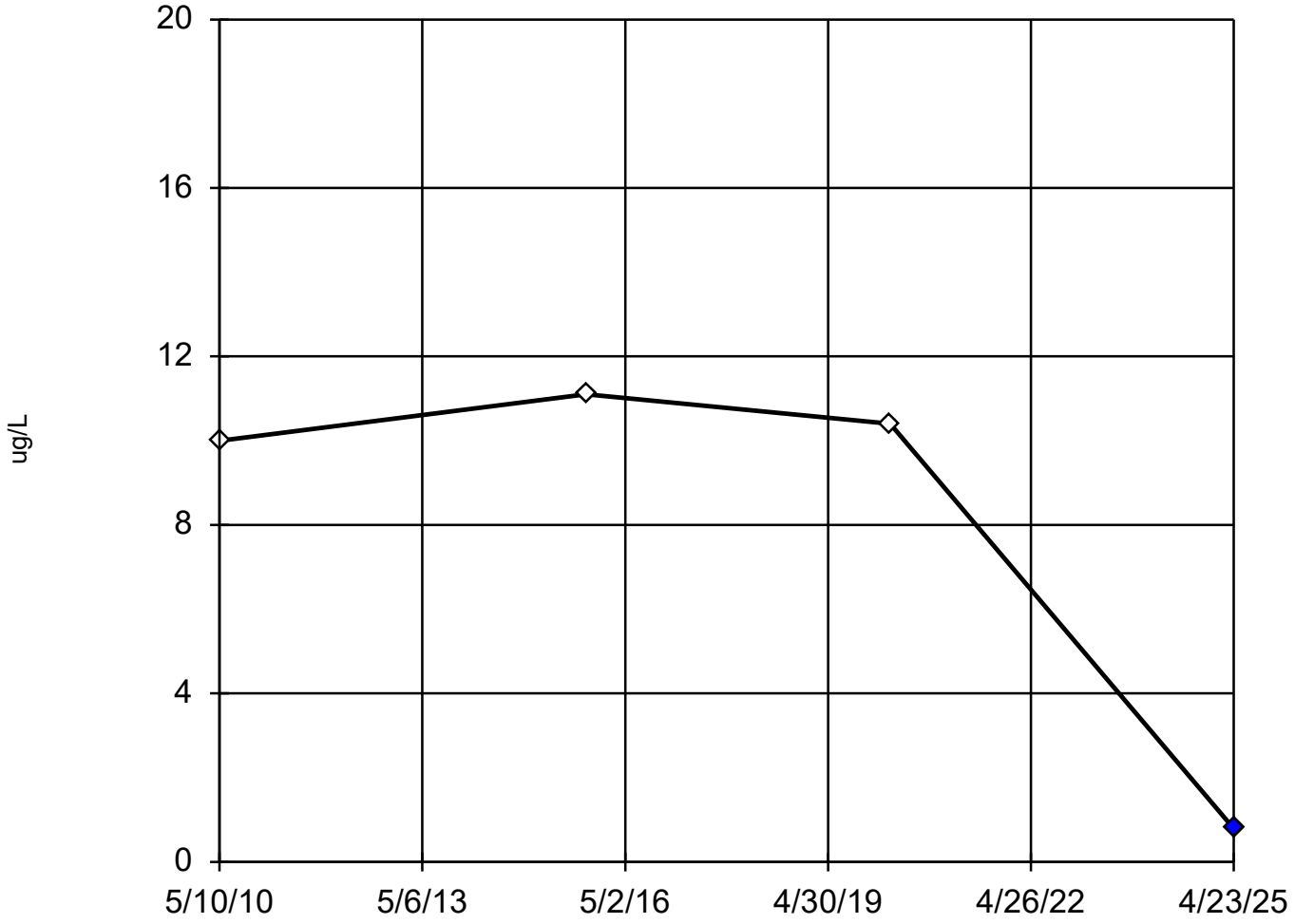
Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:56 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.073.
Std. Dev. = 4.875.
<0.792: c = 0.8933
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9758
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:56 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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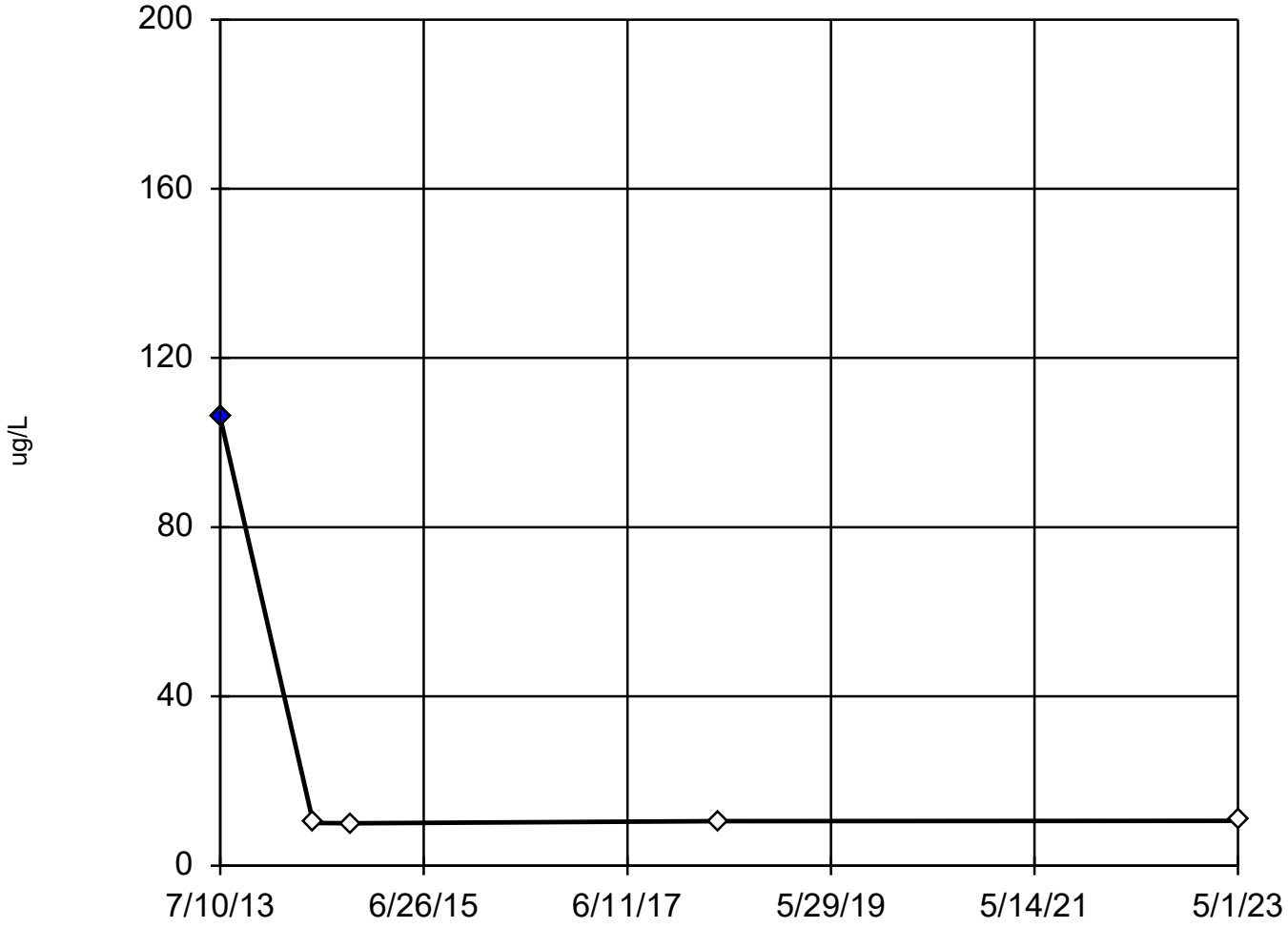
Dixon's Outlier Test

MW-219A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 29.44.
Std. Dev. = 42.8.
<106: c = 0.9937
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8839
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

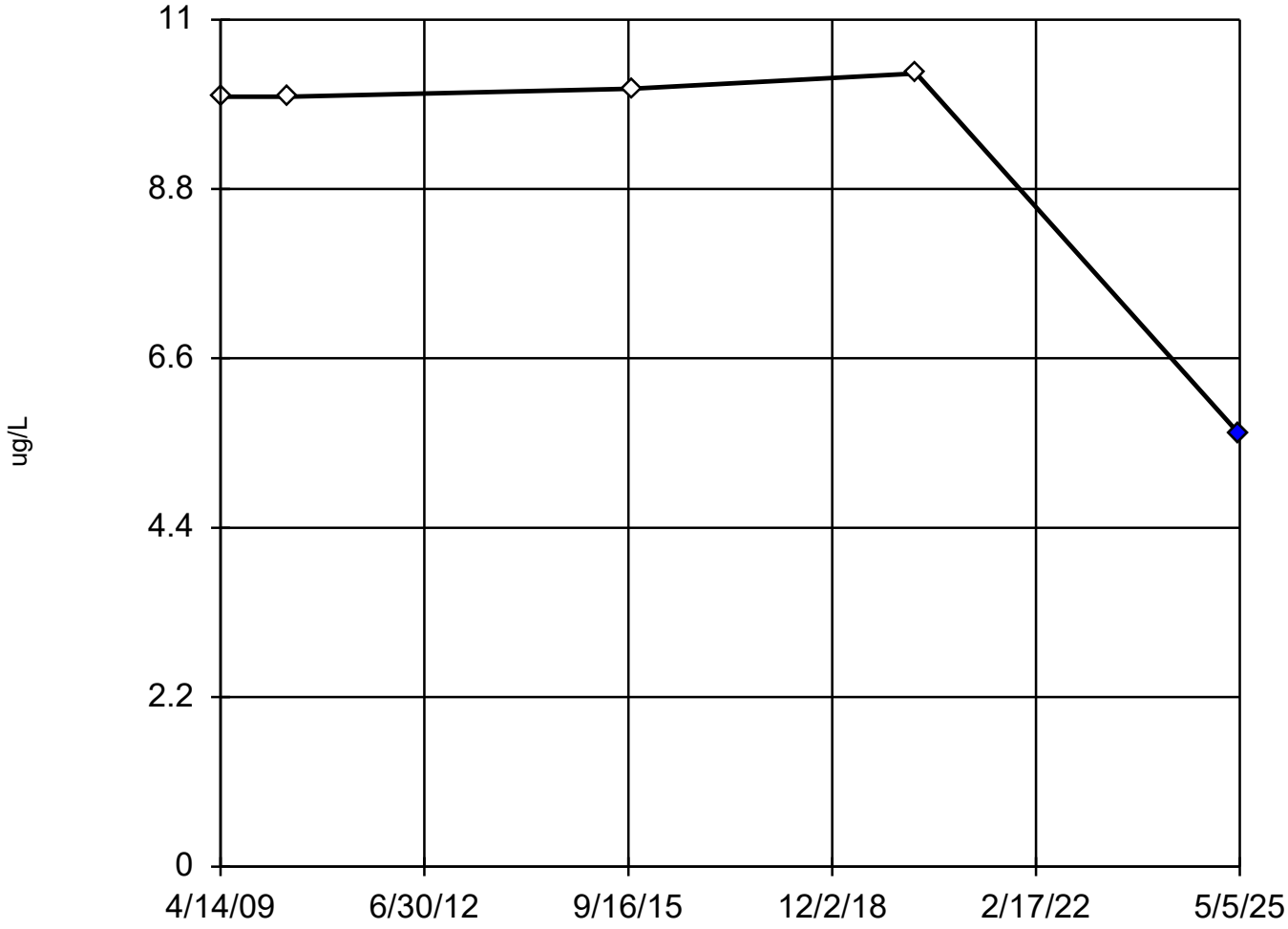
Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/1/2026 3:56 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-29A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 9.202.
Std. Dev. = 2.012.
<5.61: c = 0.936
tabl = 0.642.
Alpha = 0.05.

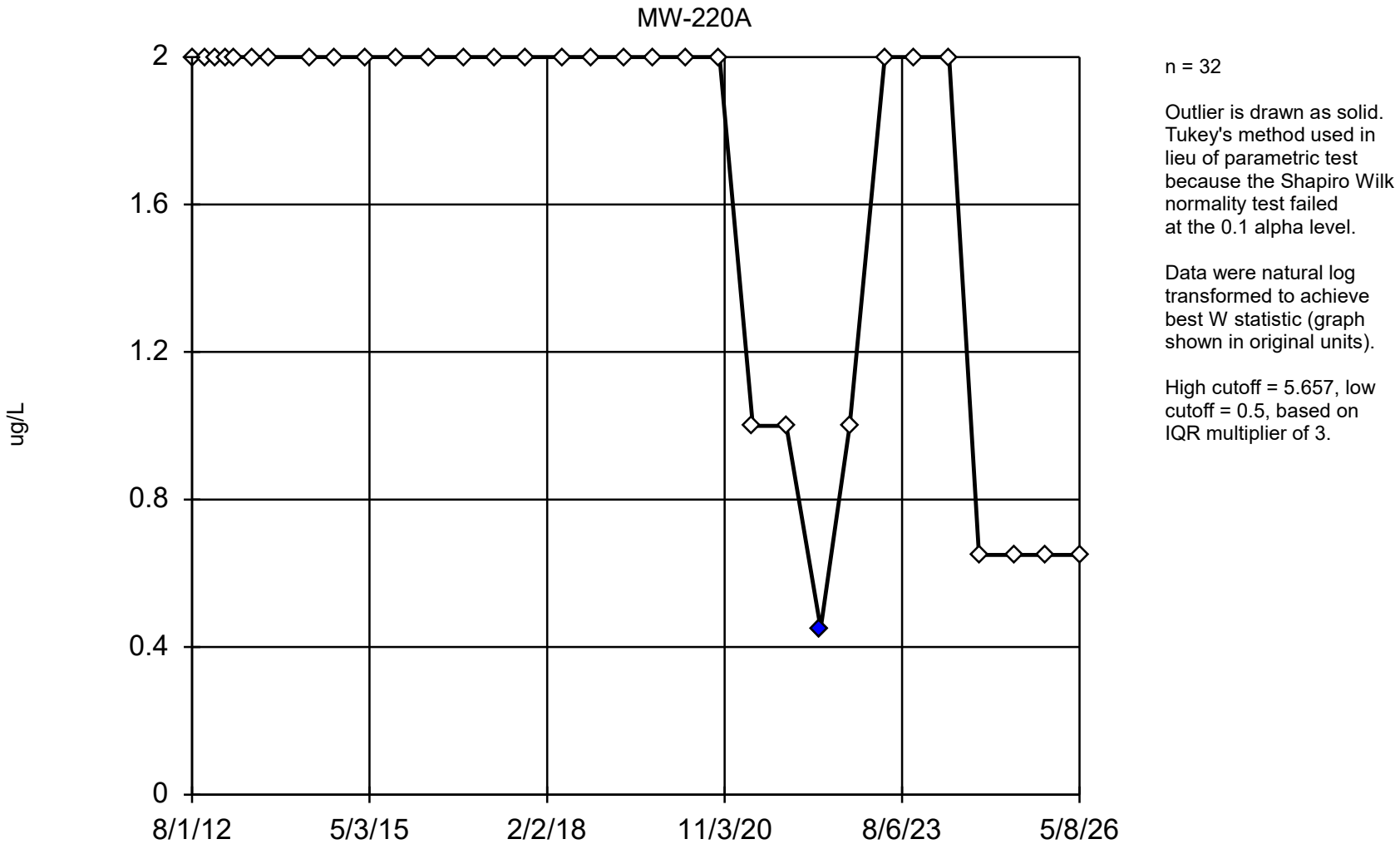
Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8283
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Bis[2-ethylhexyl]phthalate Analysis Run 7/1/2026 3:56 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 32

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.657, low cutoff = 0.5, based on IQR multiplier of 3.

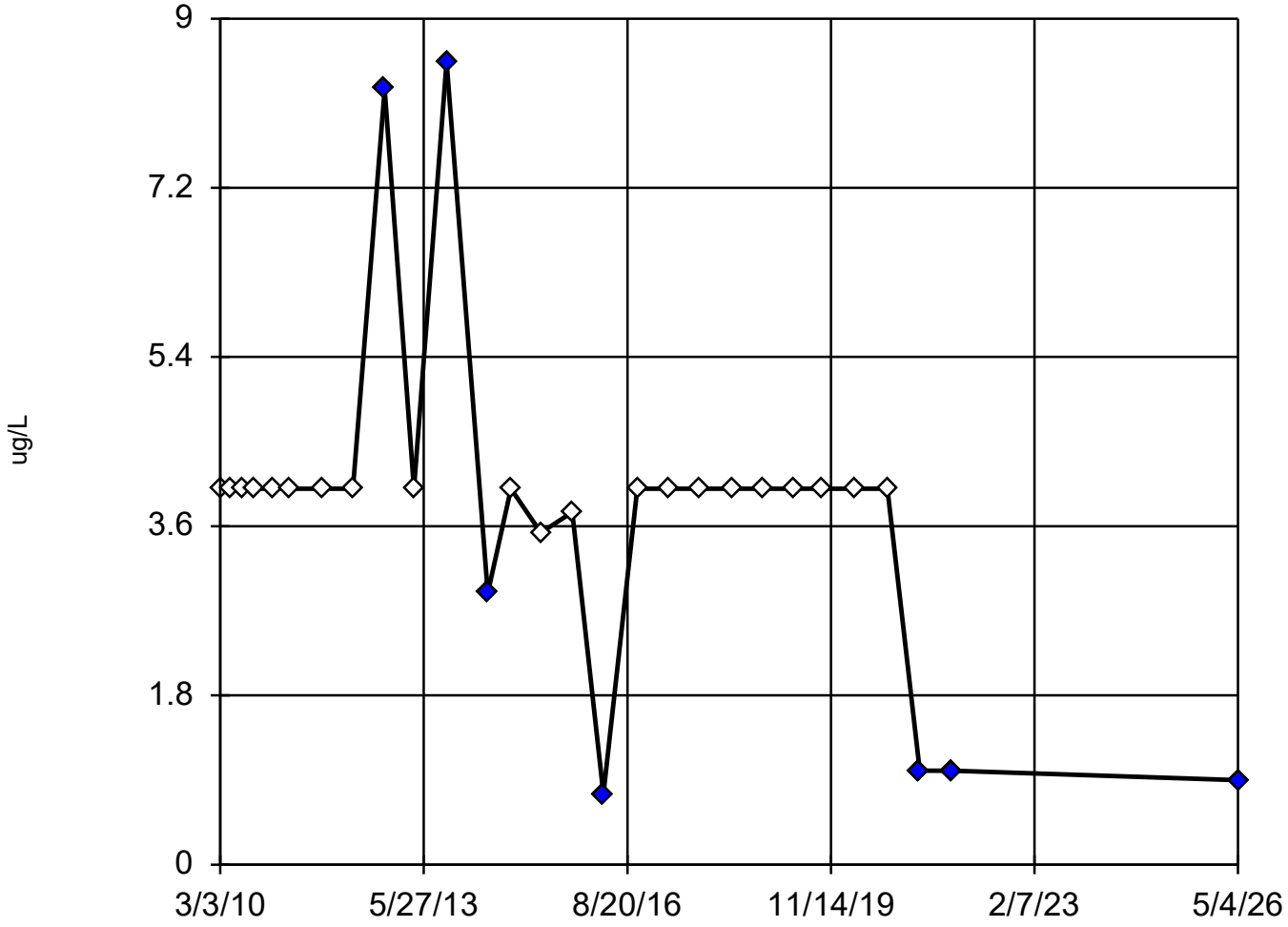
Constituent: Carbon Tetrachloride Analysis Run 7/1/2026 3:59 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-205A



n = 28

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.39, low cutoff = 3.508, based on IQR multiplier of 3.

Constituent: Chloroethane Analysis Run 7/1/2026 4:00 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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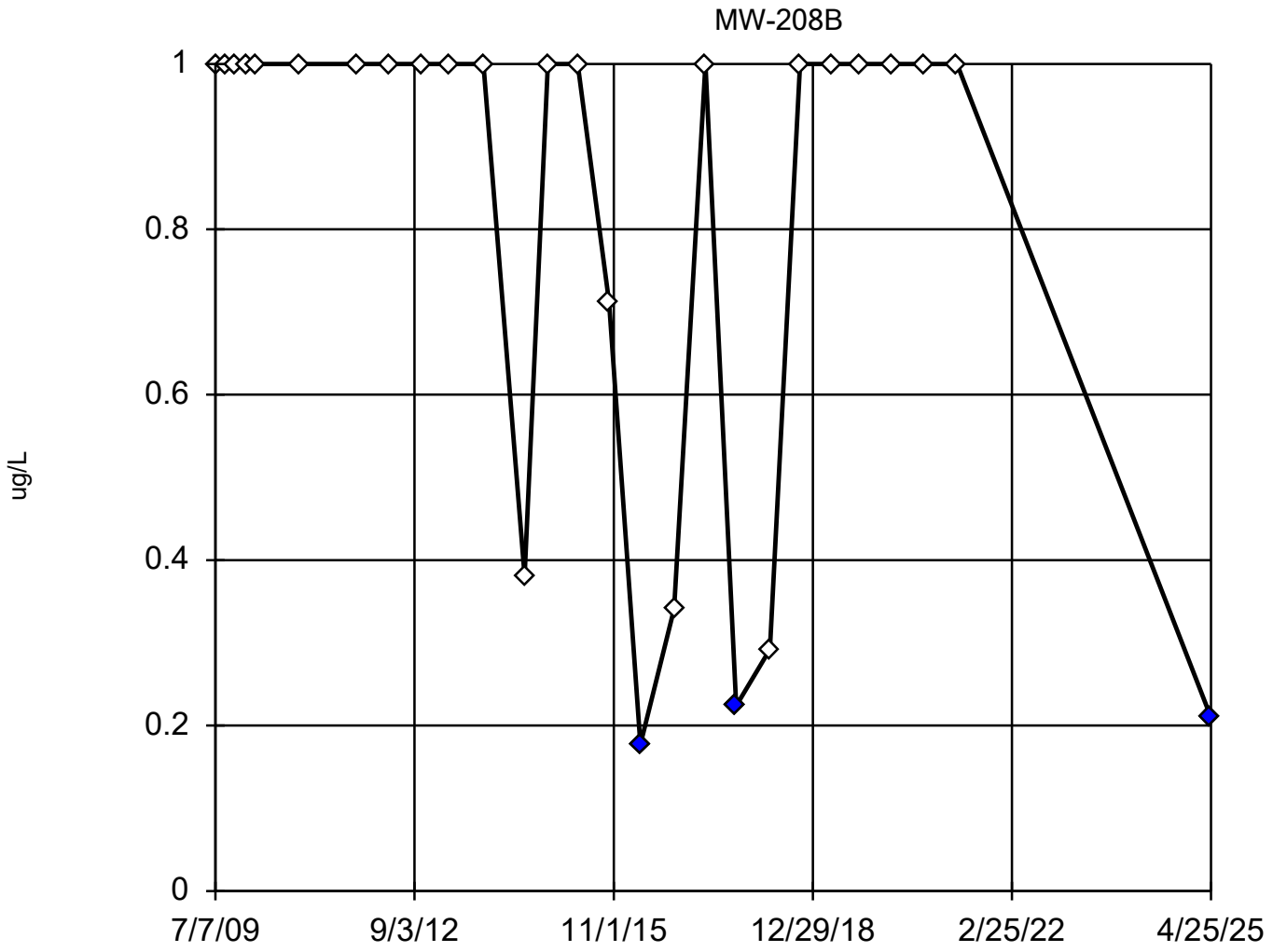
Tukey's Outlier Screening



n = 27

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.771, low cutoff = 0.257, based on IQR multiplier of 3.

Constituent: cis-1,2-Dichloroethene Analysis Run 7/1/2026 4:02 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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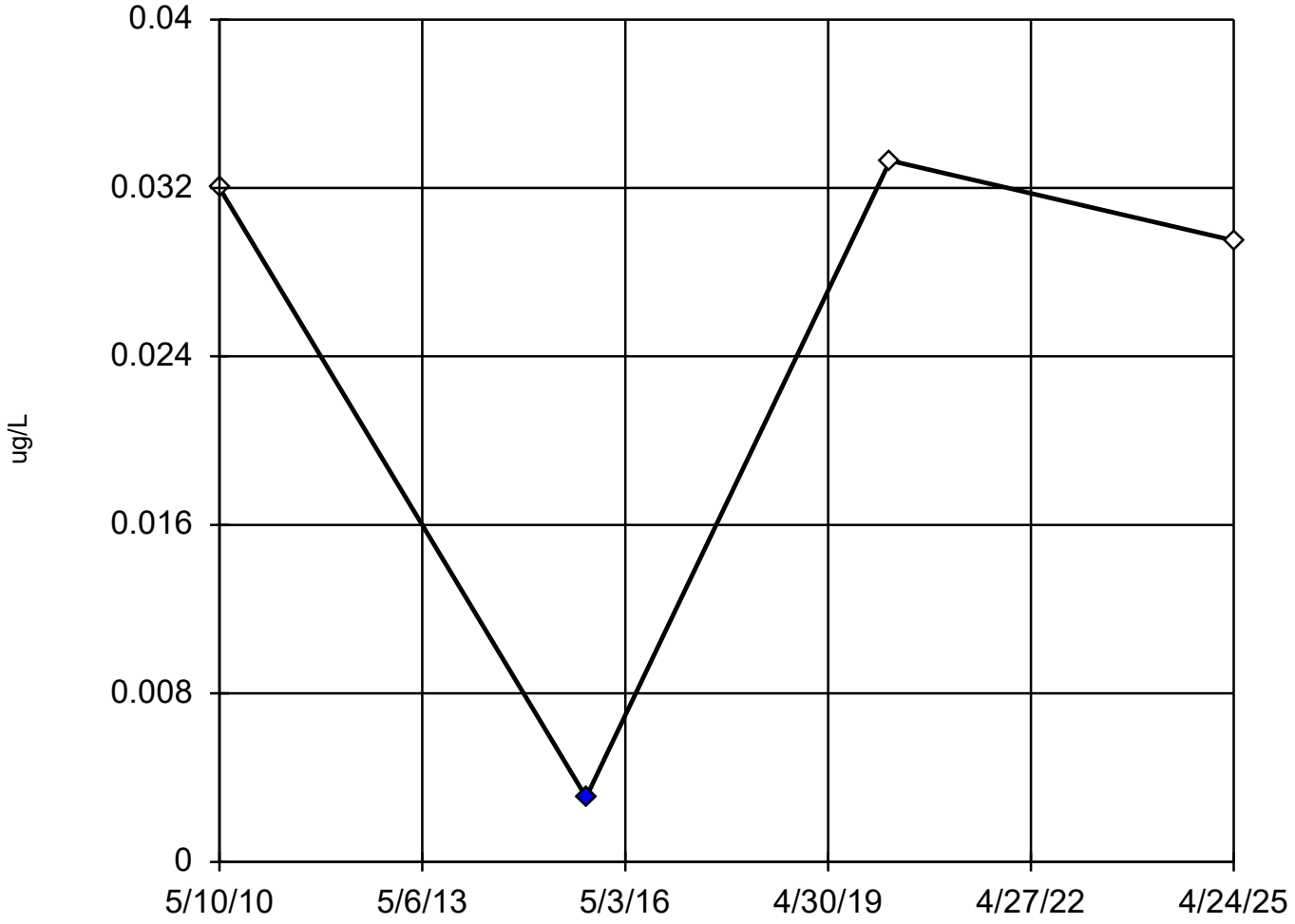
Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02447.
Std. Dev. = 0.01435.
0.00307 (J): c = 0.8743
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9678
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

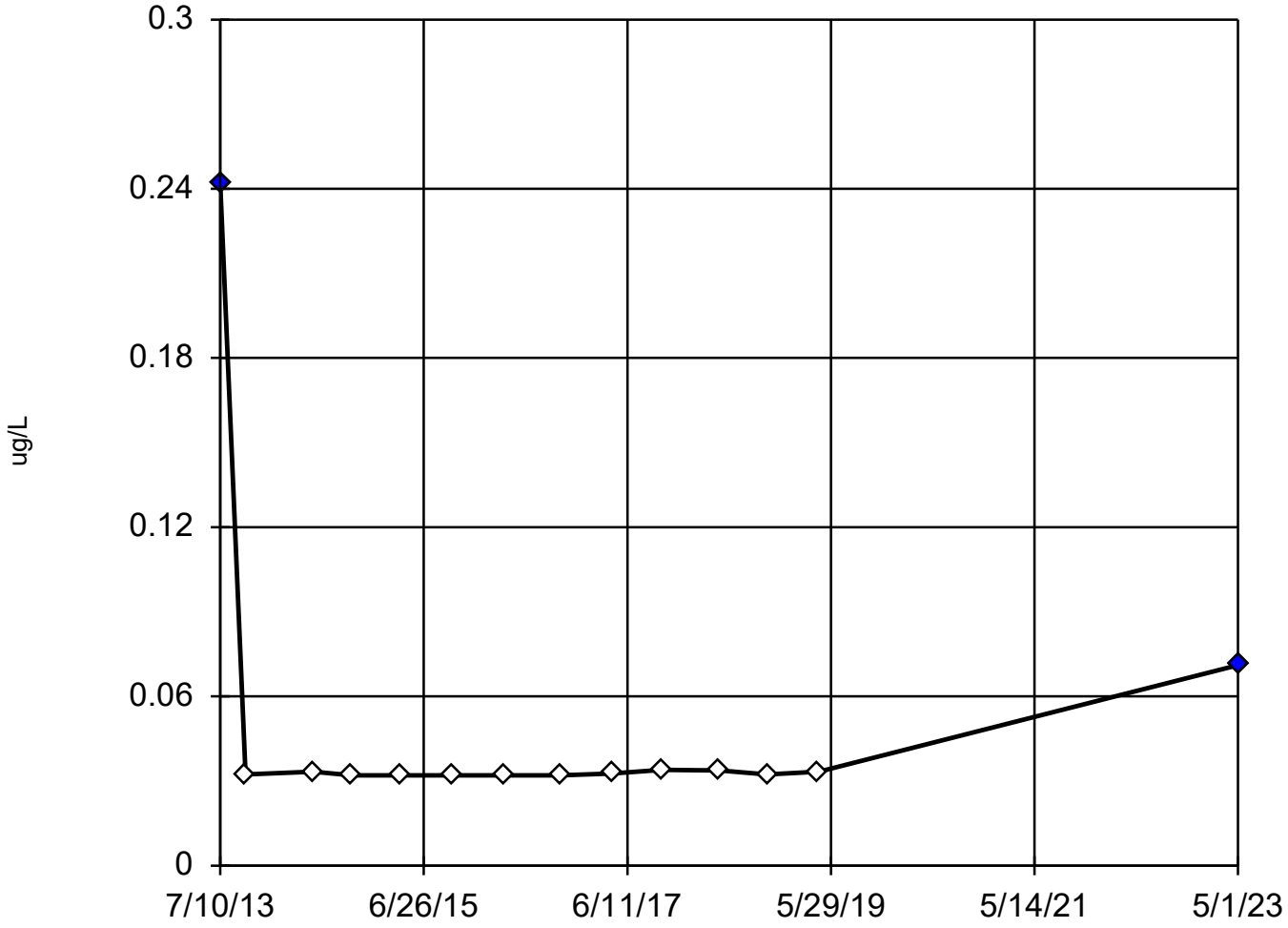
Constituent: Delta-BHC Analysis Run 7/1/2026 4:03 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-218A



n = 14

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04007, low cutoff = 0.02704, based on IQR multiplier of 3.

Constituent: Delta-BHC Analysis Run 7/1/2026 4:03 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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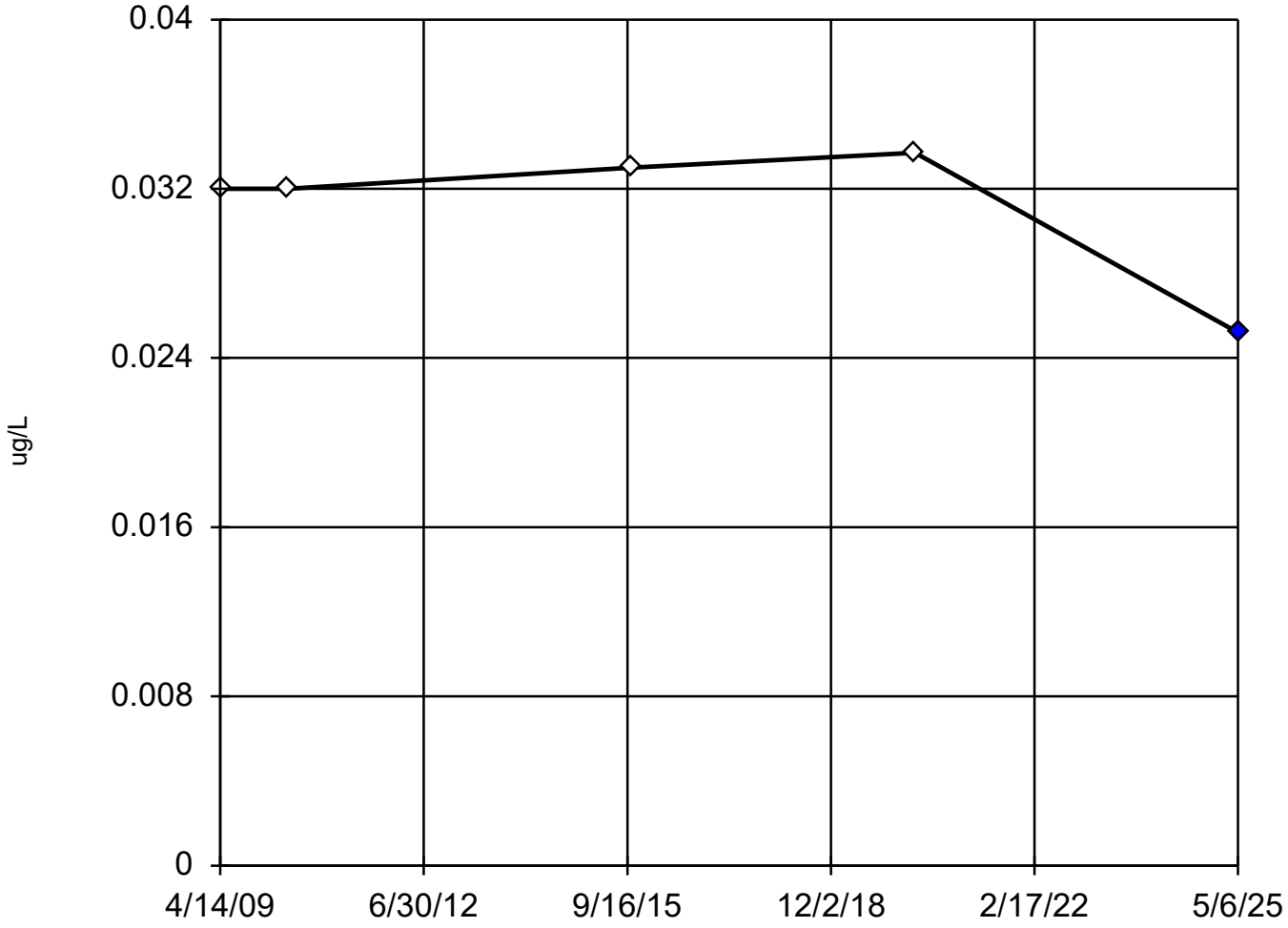
Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03118.
Std. Dev. = 0.003419.
<0.0252: c = 0.8
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8632
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Endrin Analysis Run 7/1/2026 4:04 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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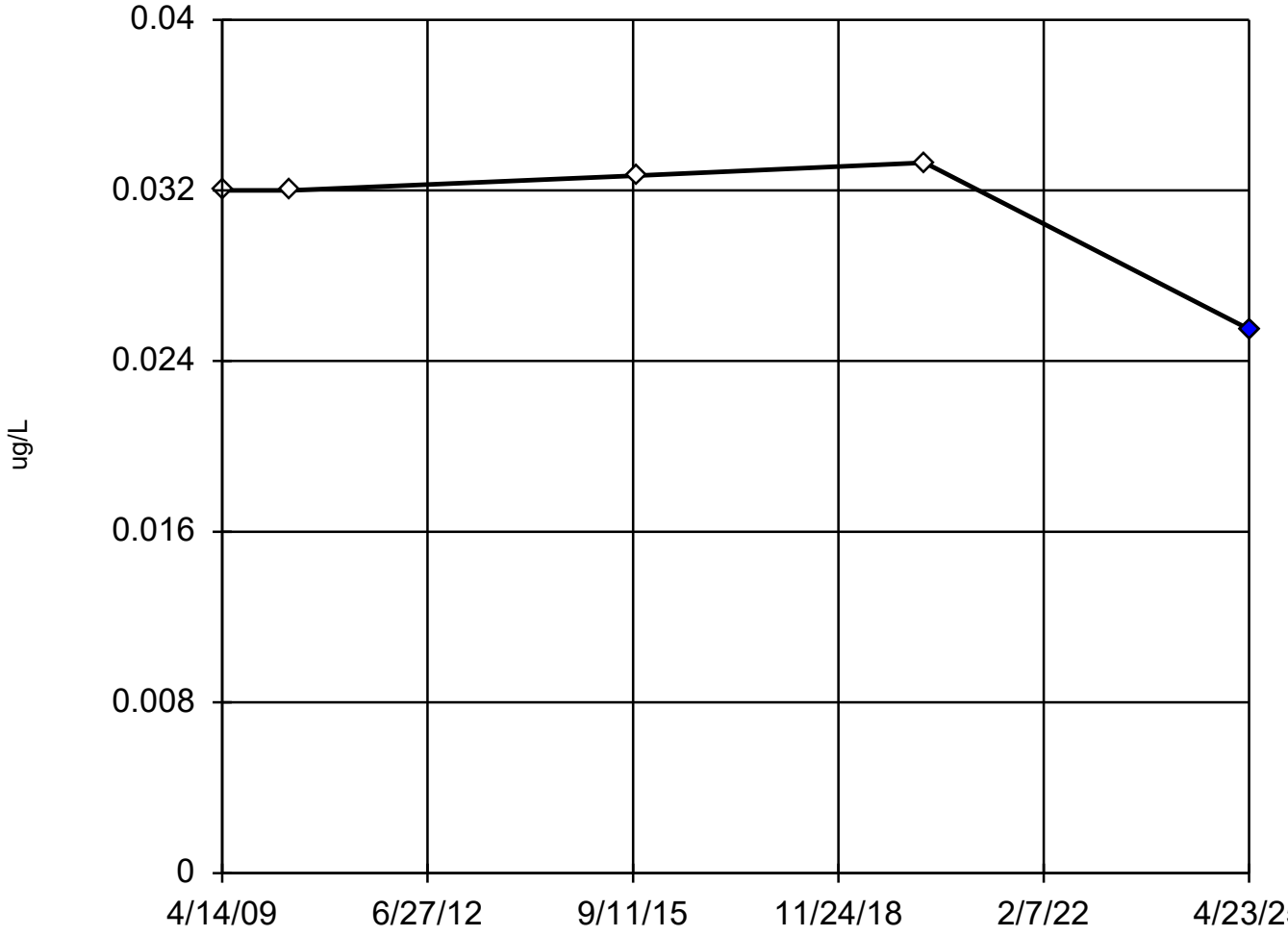
Dixon's Outlier Test

MW-17A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.0311.
Std. Dev. = 0.003177.
<0.0255: c = 0.8333
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8658
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

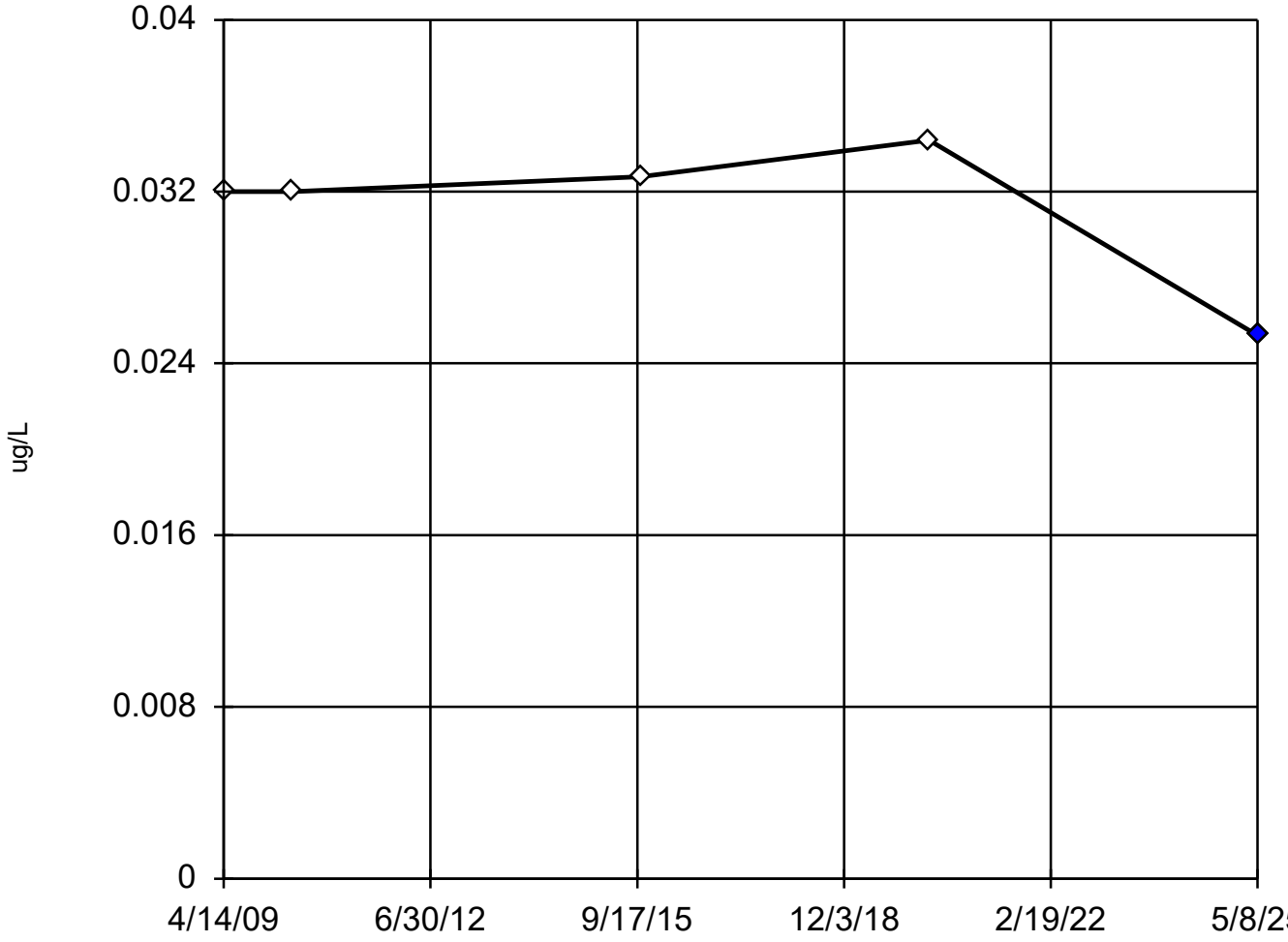
Constituent: Endrin Analysis Run 7/1/2026 4:04 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-25A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03128.
Std. Dev. = 0.003484.
<0.0253: c = 0.7363
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8112
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

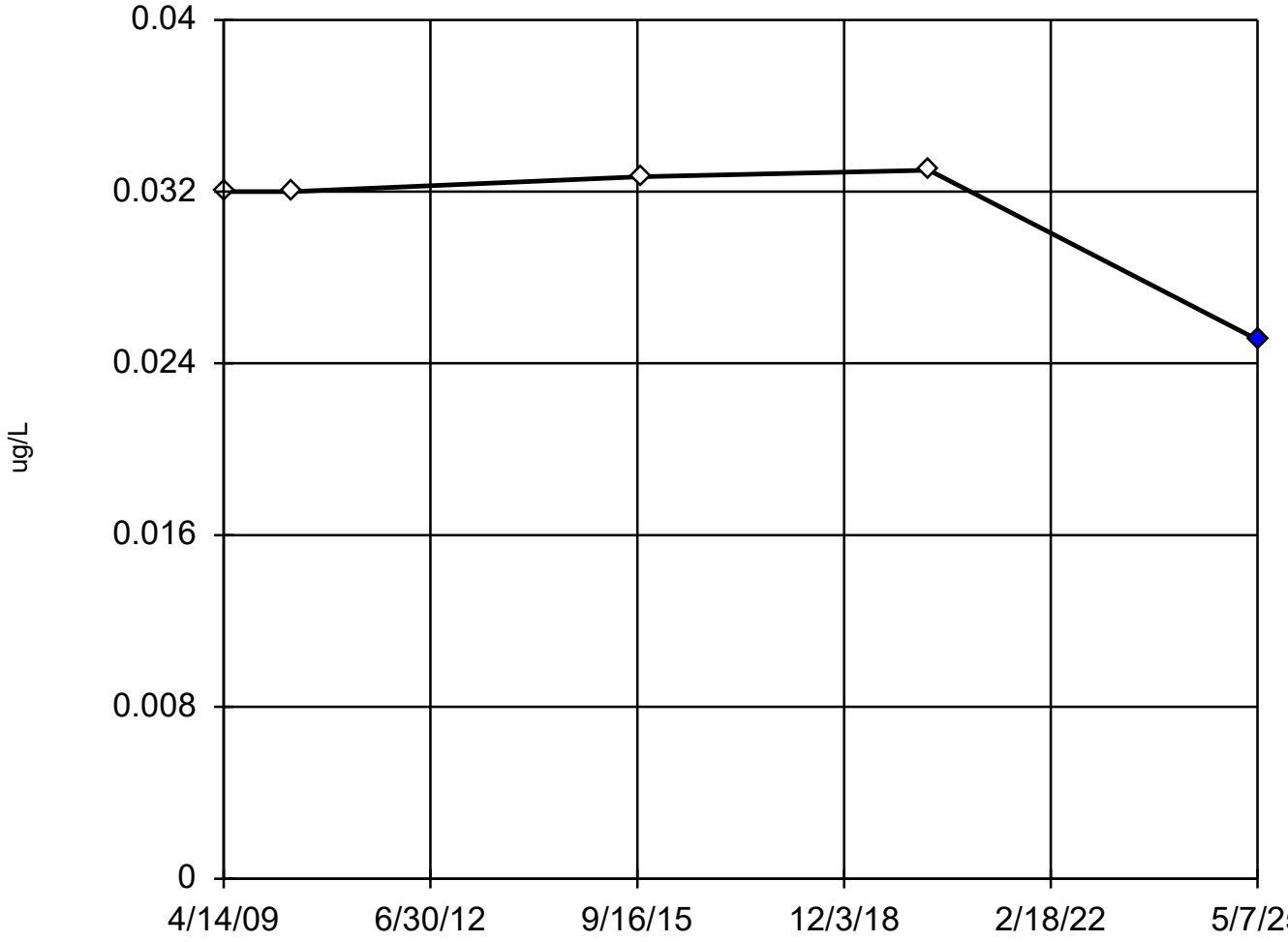
Constituent: Endrin Analysis Run 7/1/2026 4:04 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03096.
Std. Dev. = 0.003305.
<0.0251: c = 0.8734
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8435
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

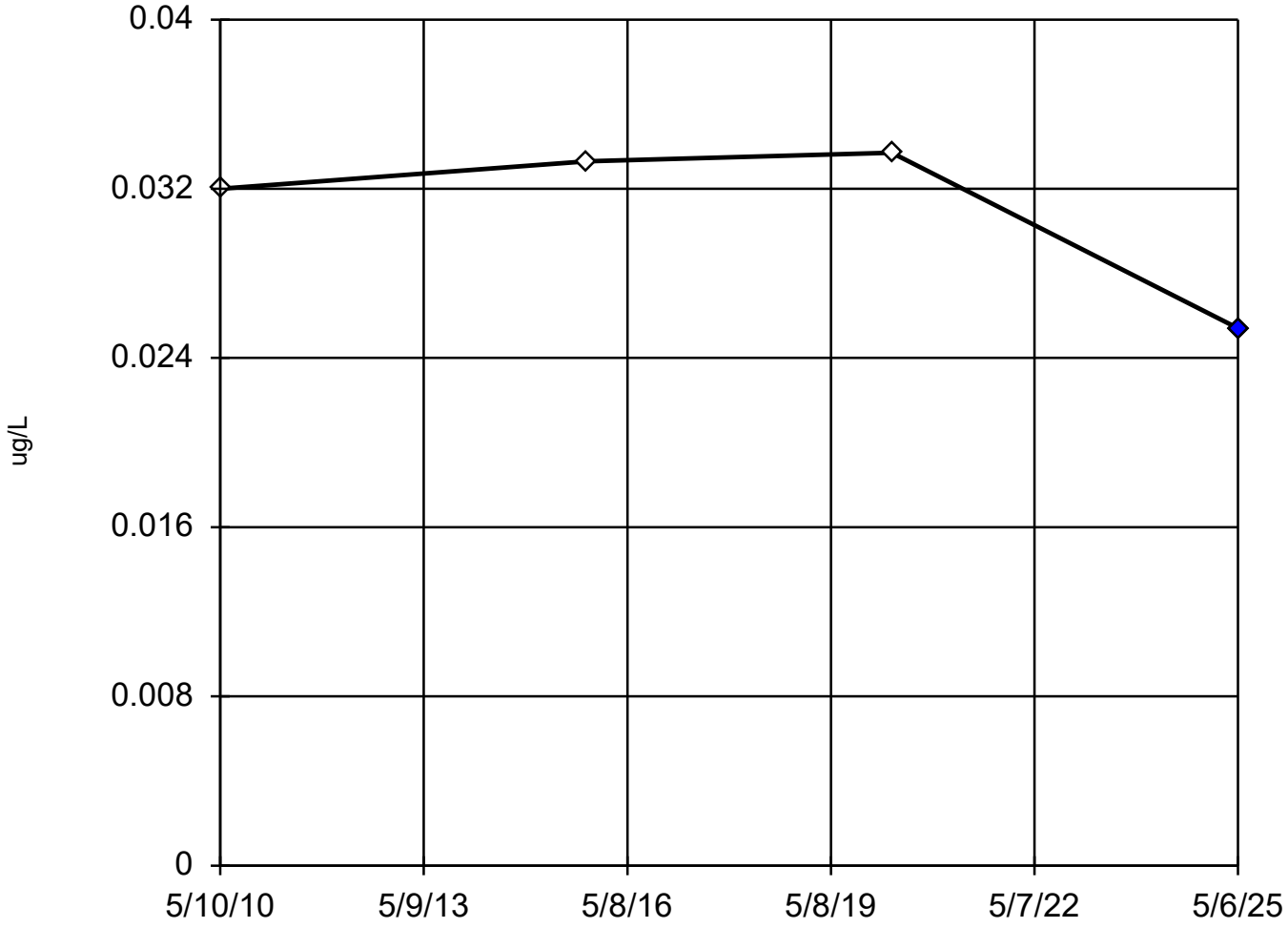
Constituent: Endrin Analysis Run 7/1/2026 4:05 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.0311.
Std. Dev. = 0.003869.
<0.0254: c = 0.7952
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9145
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

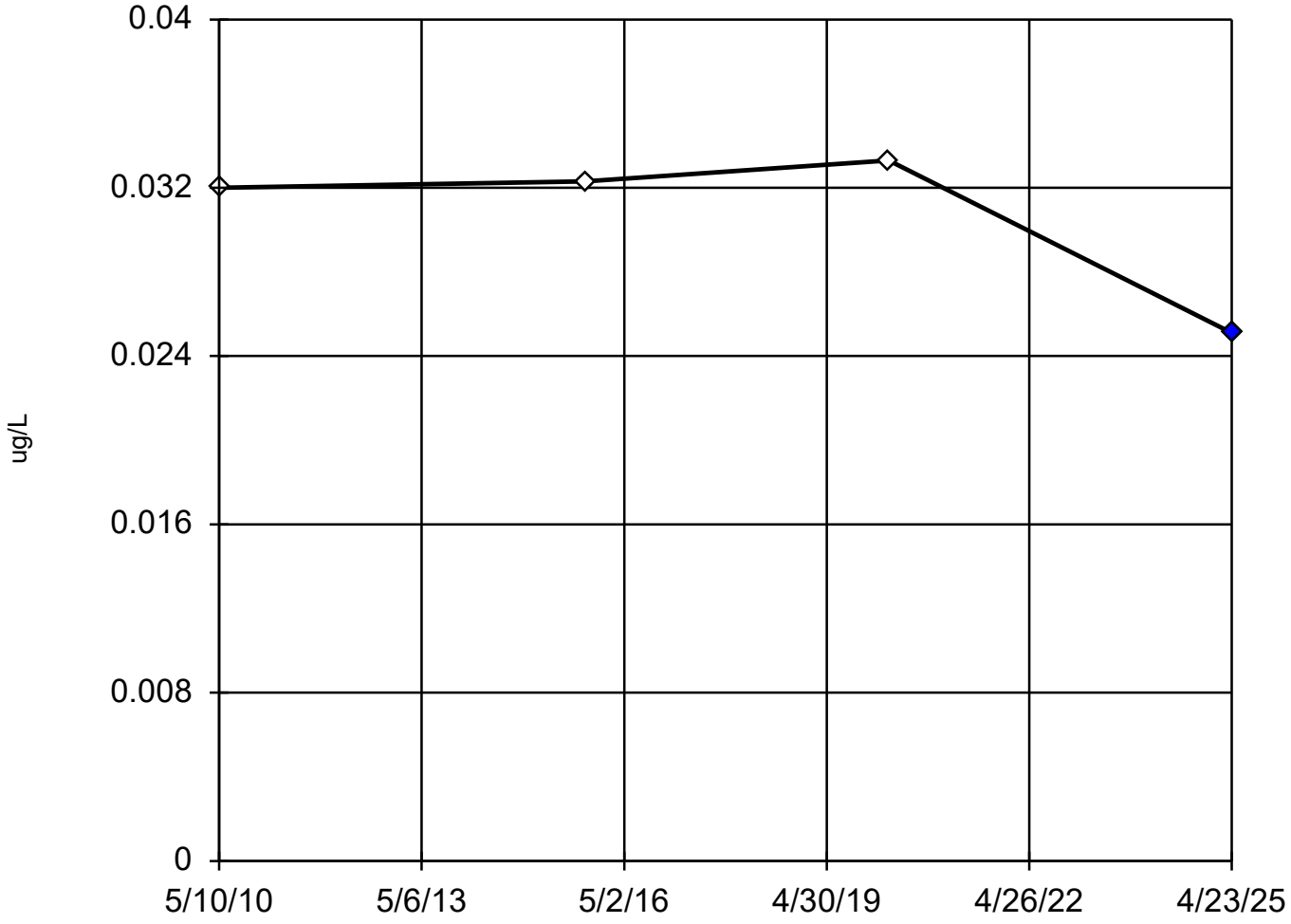
Constituent: Endrin Analysis Run 7/1/2026 4:05 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03068.
Std. Dev. = 0.003758.
<0.0251: c = 0.8415
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9119
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

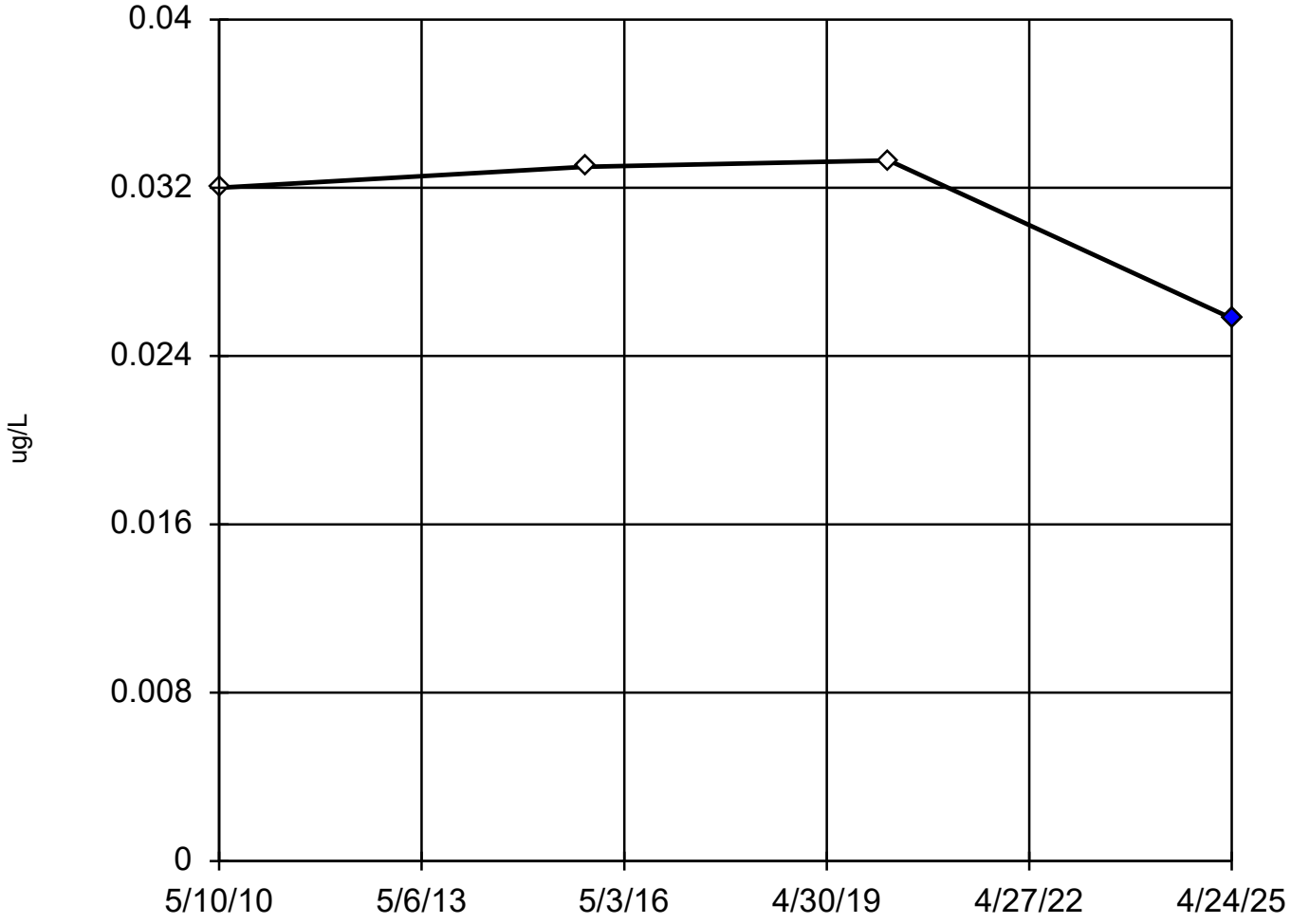
Constituent: Endrin Analysis Run 7/1/2026 4:05 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03103.
Std. Dev. = 0.003527.
<0.0258: c = 0.8267
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9119
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

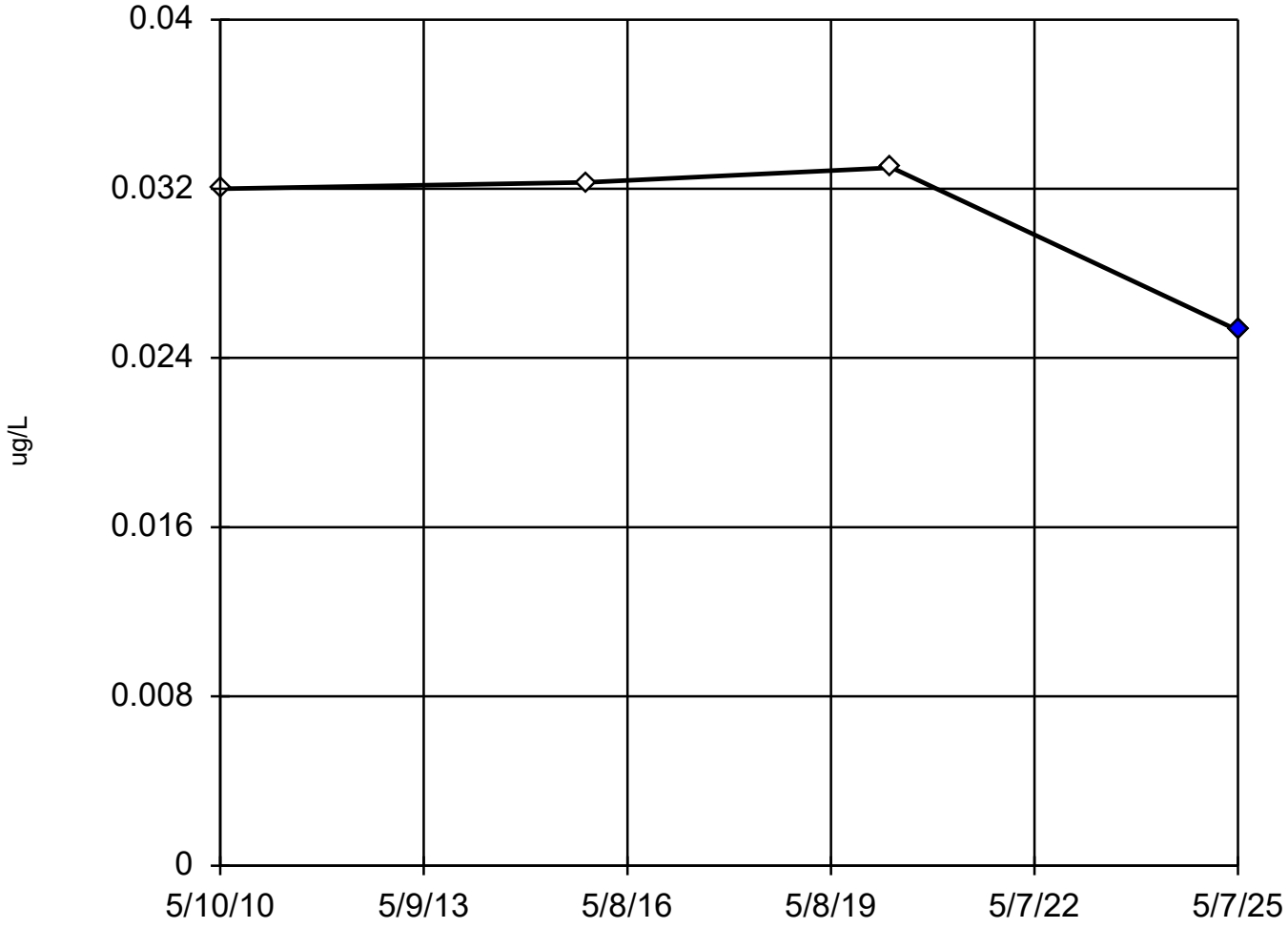
Constituent: Endrin Analysis Run 7/1/2026 4:05 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03065.
Std. Dev. = 0.003591.
<0.0253: c = 0.8701
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9493
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

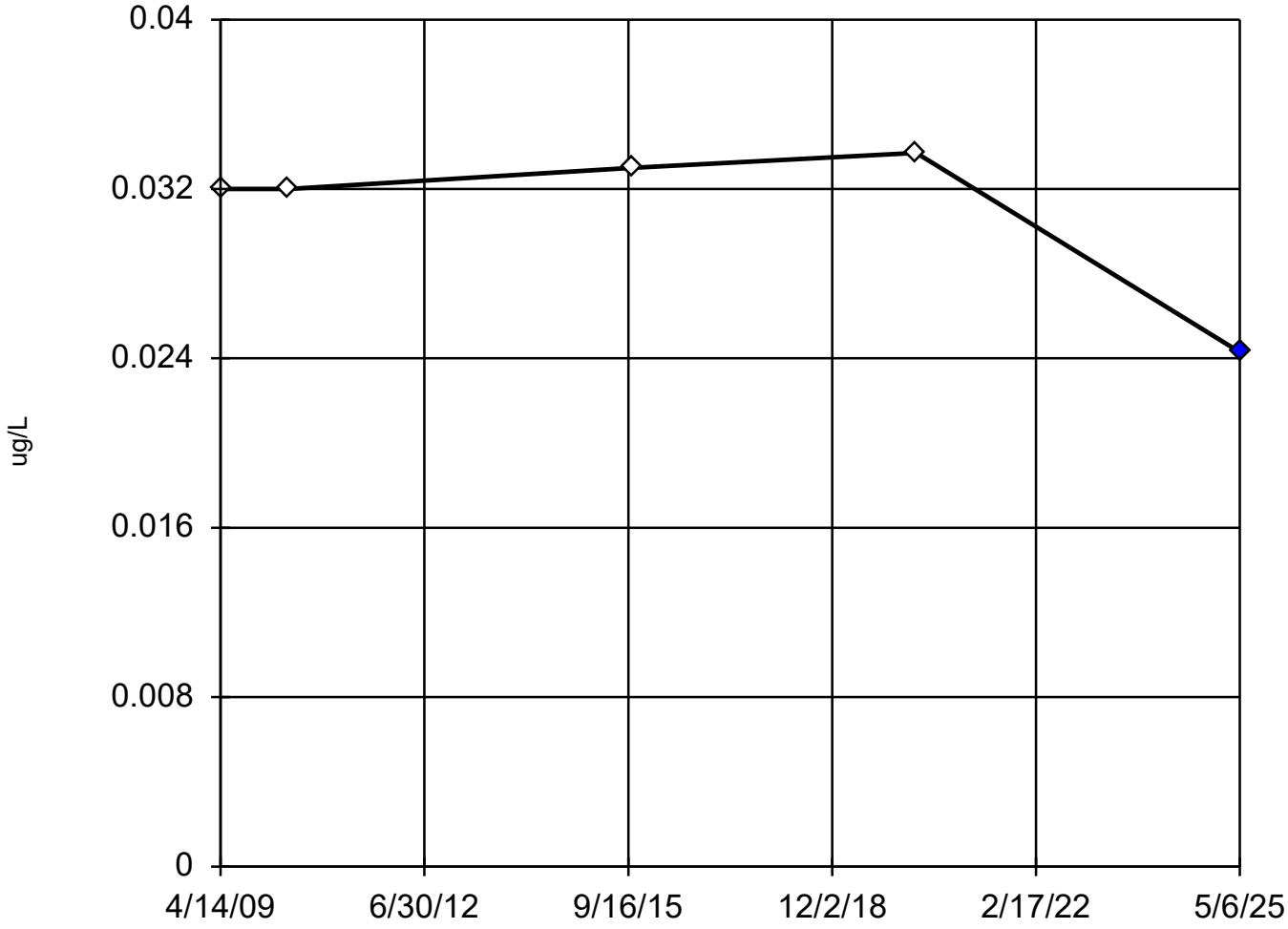
Constituent: Endrin Analysis Run 7/1/2026 4:05 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.031.
Std. Dev. = 0.003814.
<0.0243: c = 0.8191
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8632
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

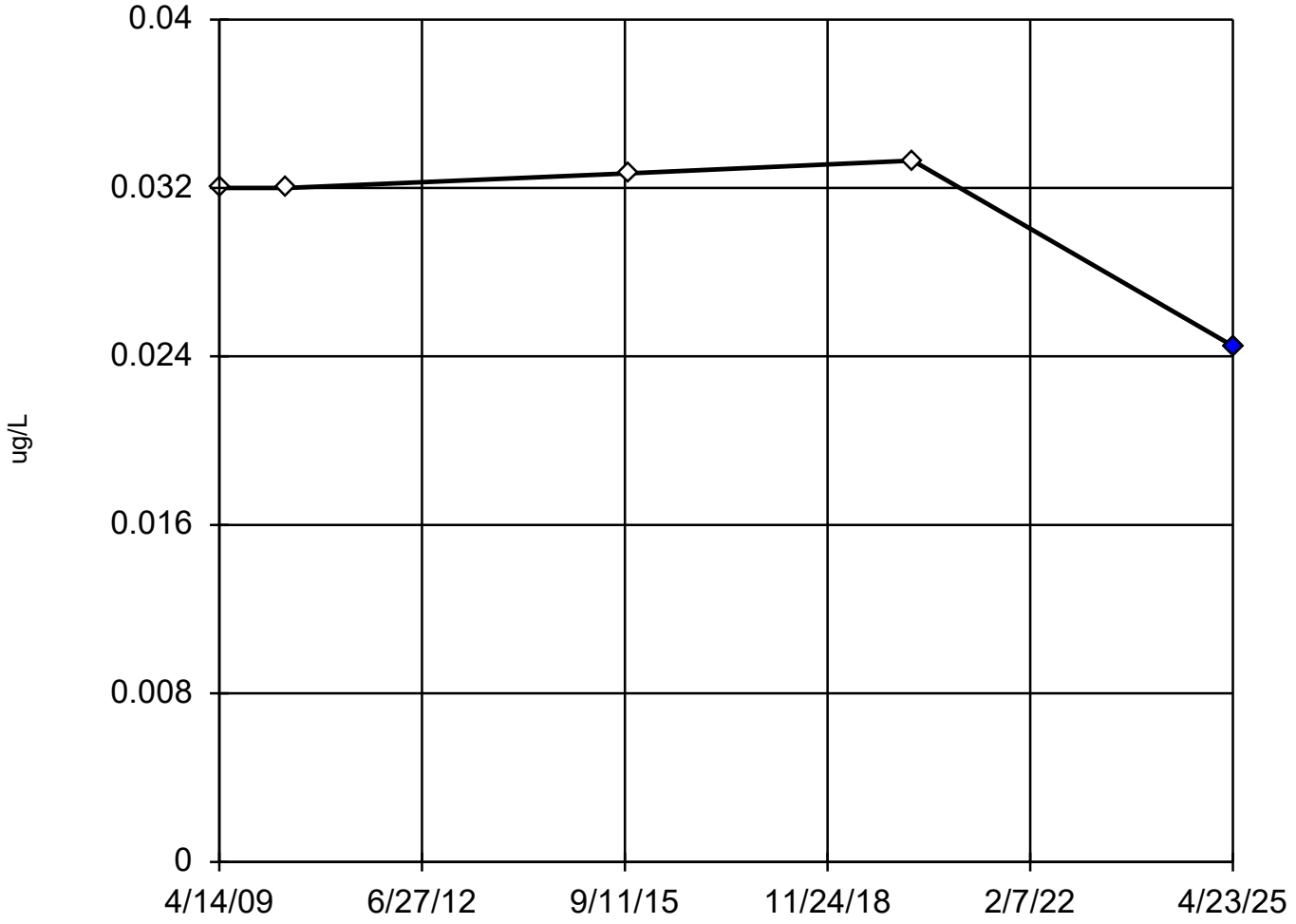
Constituent: Endrin aldehyde Analysis Run 7/1/2026 4:05 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-17A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.0309.
Std. Dev. = 0.003619.
<0.0245: c = 0.8523
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8658
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

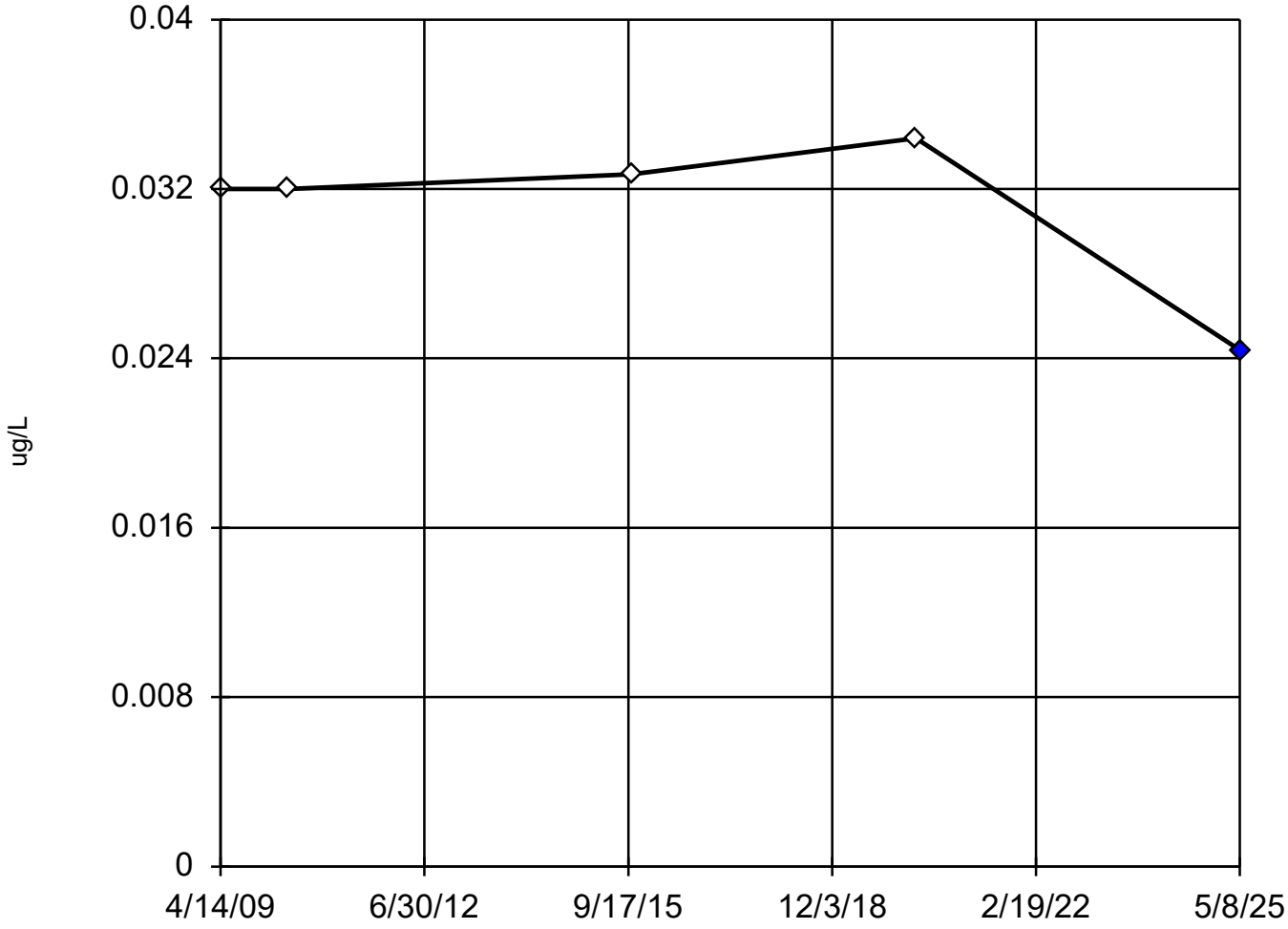
Constituent: Endrin aldehyde Analysis Run 7/1/2026 4:05 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-25A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.0311.
Std. Dev. = 0.003872.
<0.0244: c = 0.76
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8112
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

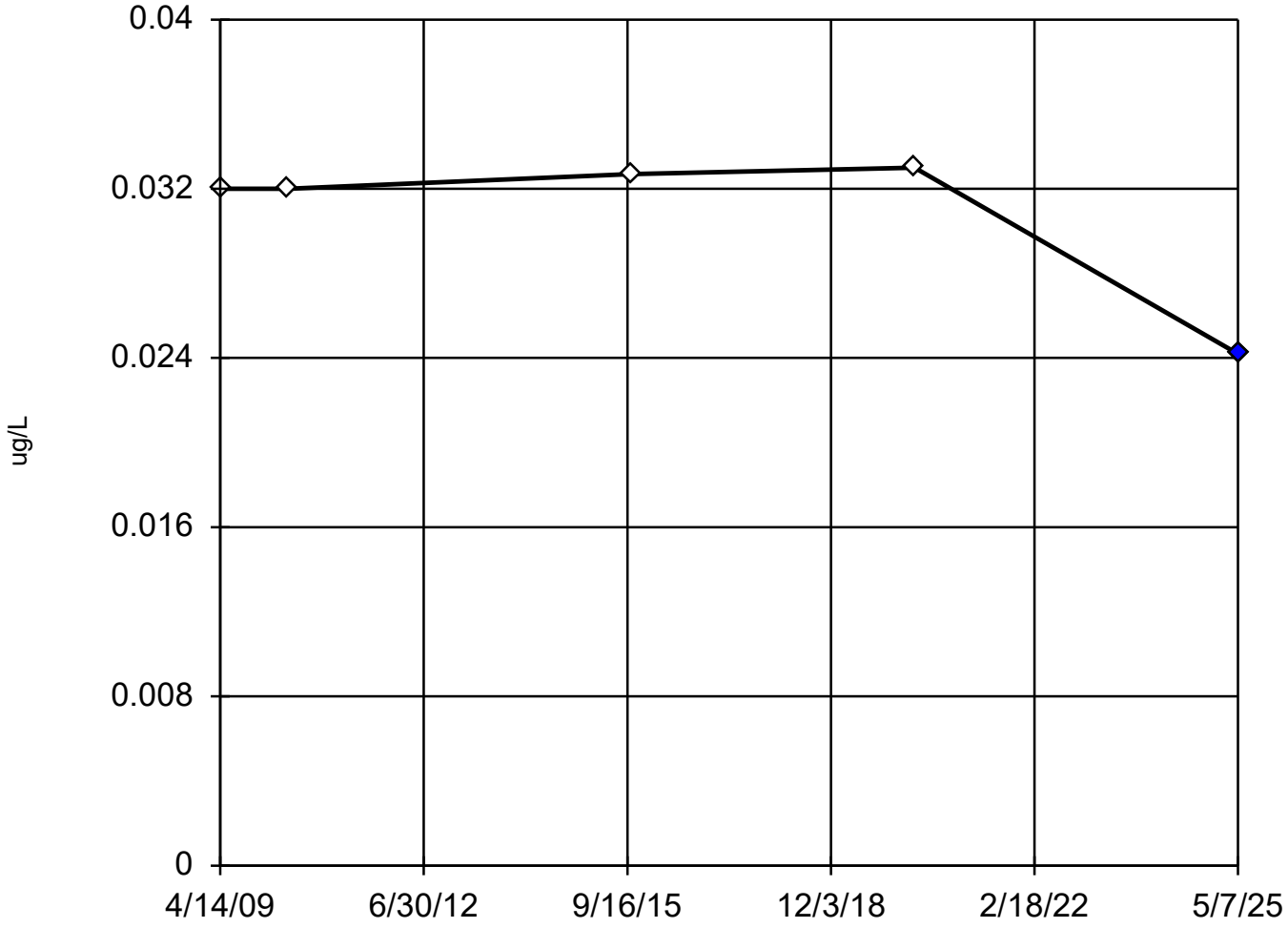
Constituent: Endrin aldehyde Analysis Run 7/1/2026 4:06 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03078.
Std. Dev. = 0.003704.
<0.0242: c = 0.8864
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8435
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

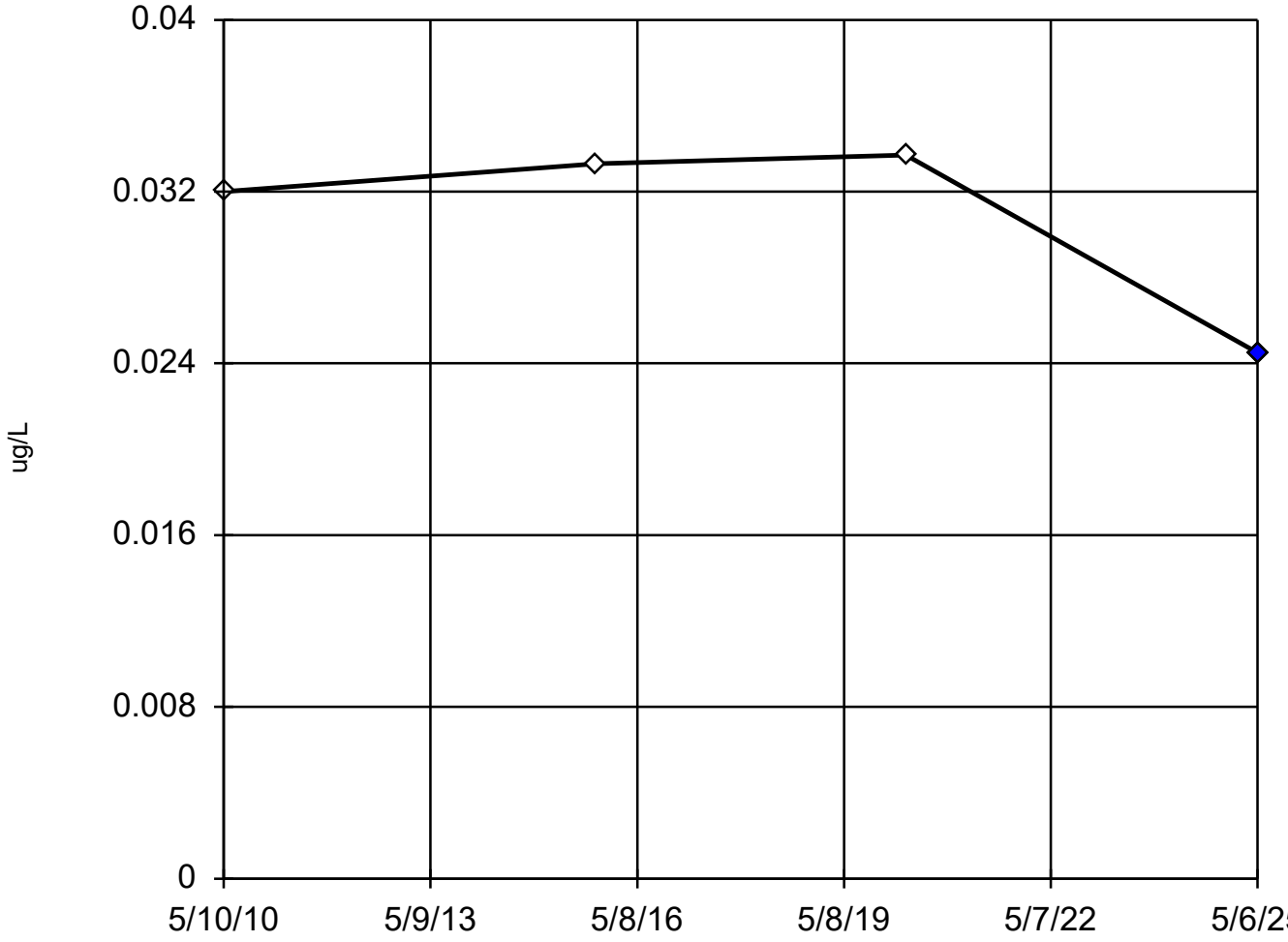
Constituent: Endrin aldehyde Analysis Run 7/1/2026 4:06 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03088.
Std. Dev. = 0.004312.
<0.0245: c = 0.8152
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9145
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

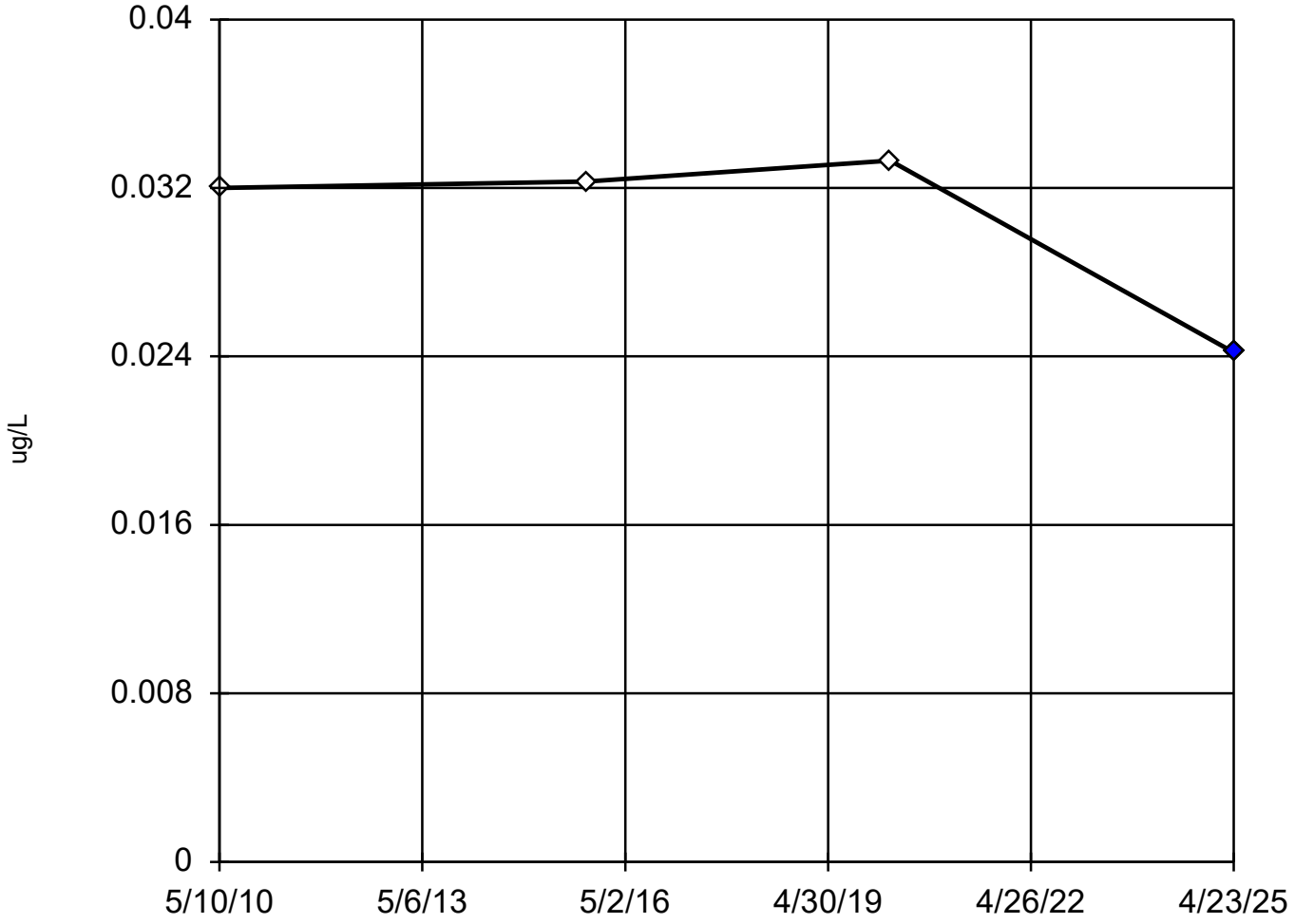
Constituent: Endrin aldehyde Analysis Run 7/1/2026 4:06 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03045.
Std. Dev. = 0.004204.
<0.0242: c = 0.8571
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9119
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

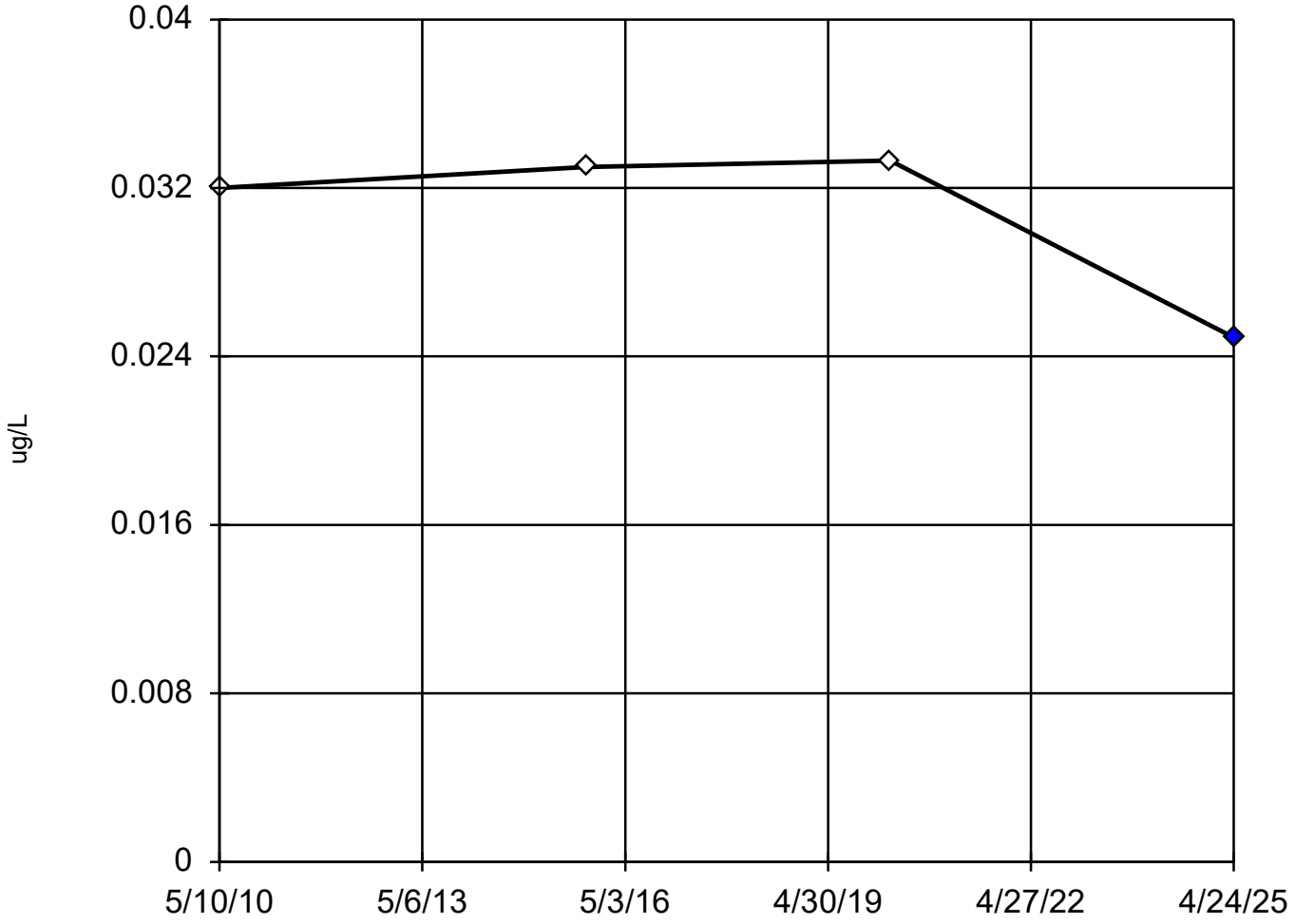
Constituent: Endrin aldehyde Analysis Run 7/1/2026 4:06 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.0308.
Std. Dev. = 0.003972.
<0.0249: c = 0.8452
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9119
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

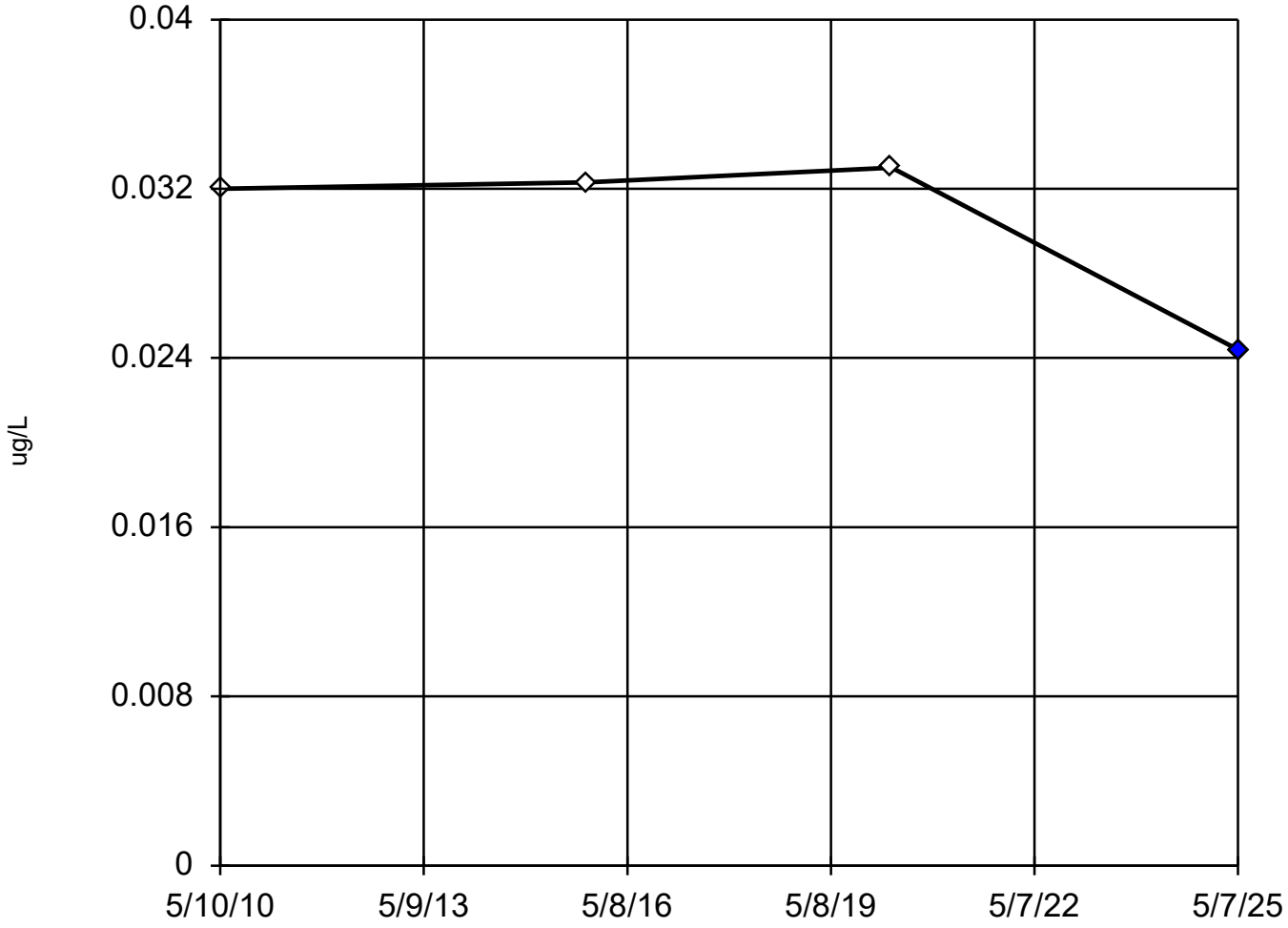
Constituent: Endrin aldehyde Analysis Run 7/1/2026 4:06 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03043.
Std. Dev. = 0.004038.
<0.0244: c = 0.8837
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9493
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

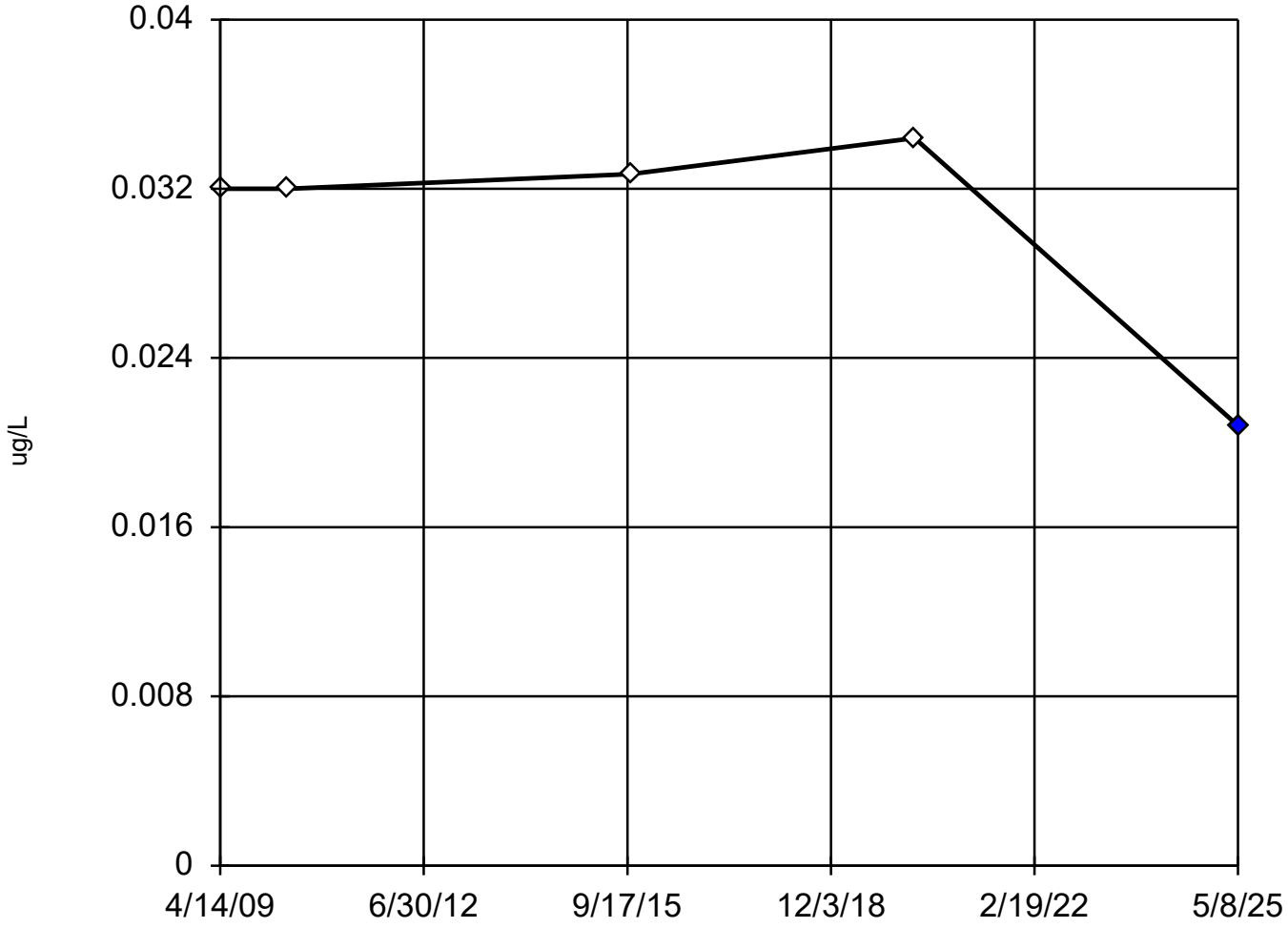
Constituent: Endrin aldehyde Analysis Run 7/1/2026 4:06 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-25A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03038.
Std. Dev. = 0.005444.
<0.0208: c = 0.8235
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8112
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

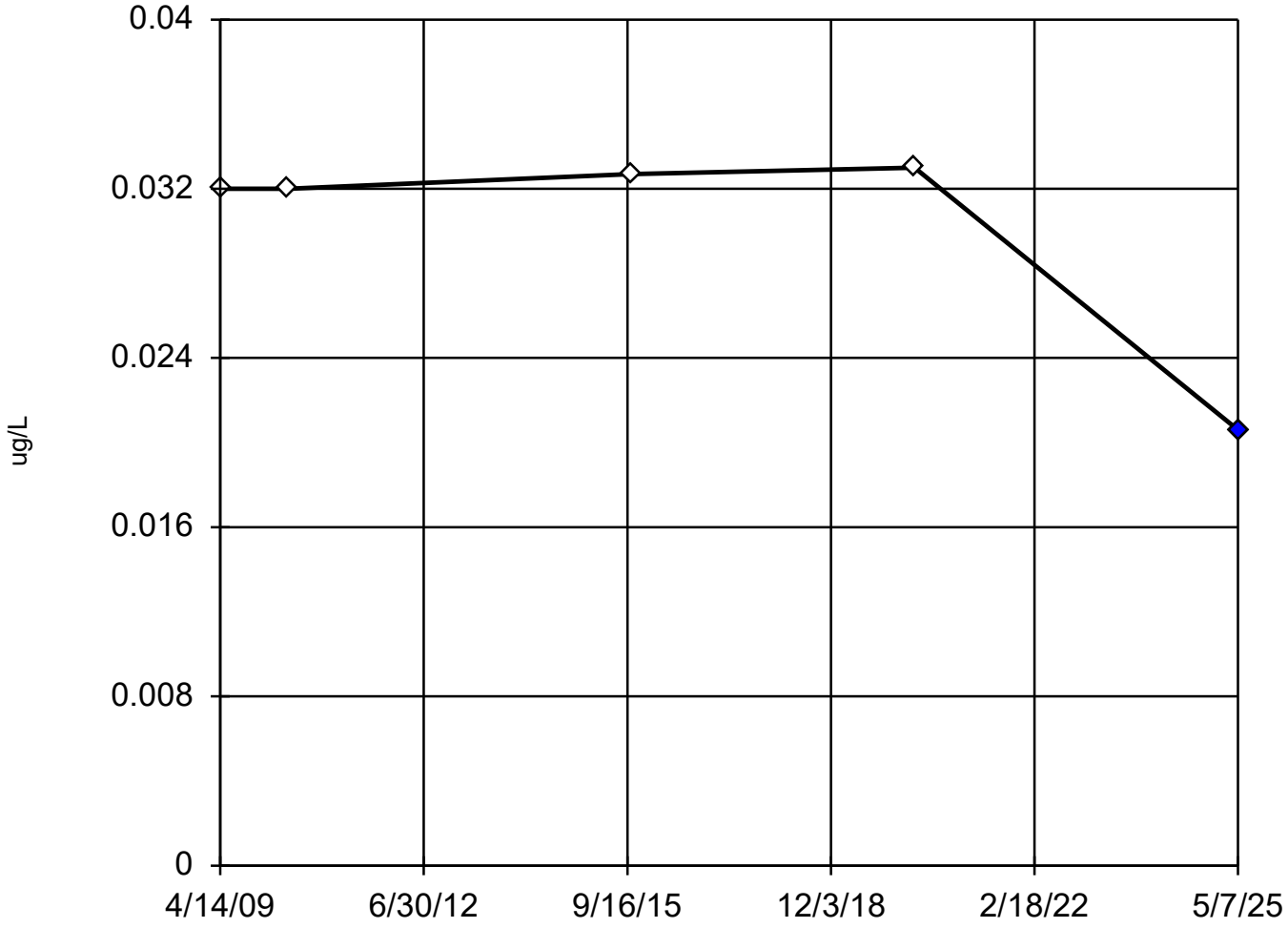
Constituent: Heptachlor Analysis Run 7/1/2026 4:08 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03006.
Std. Dev. = 0.005306.
<0.0206: c = 0.9194
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8435
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

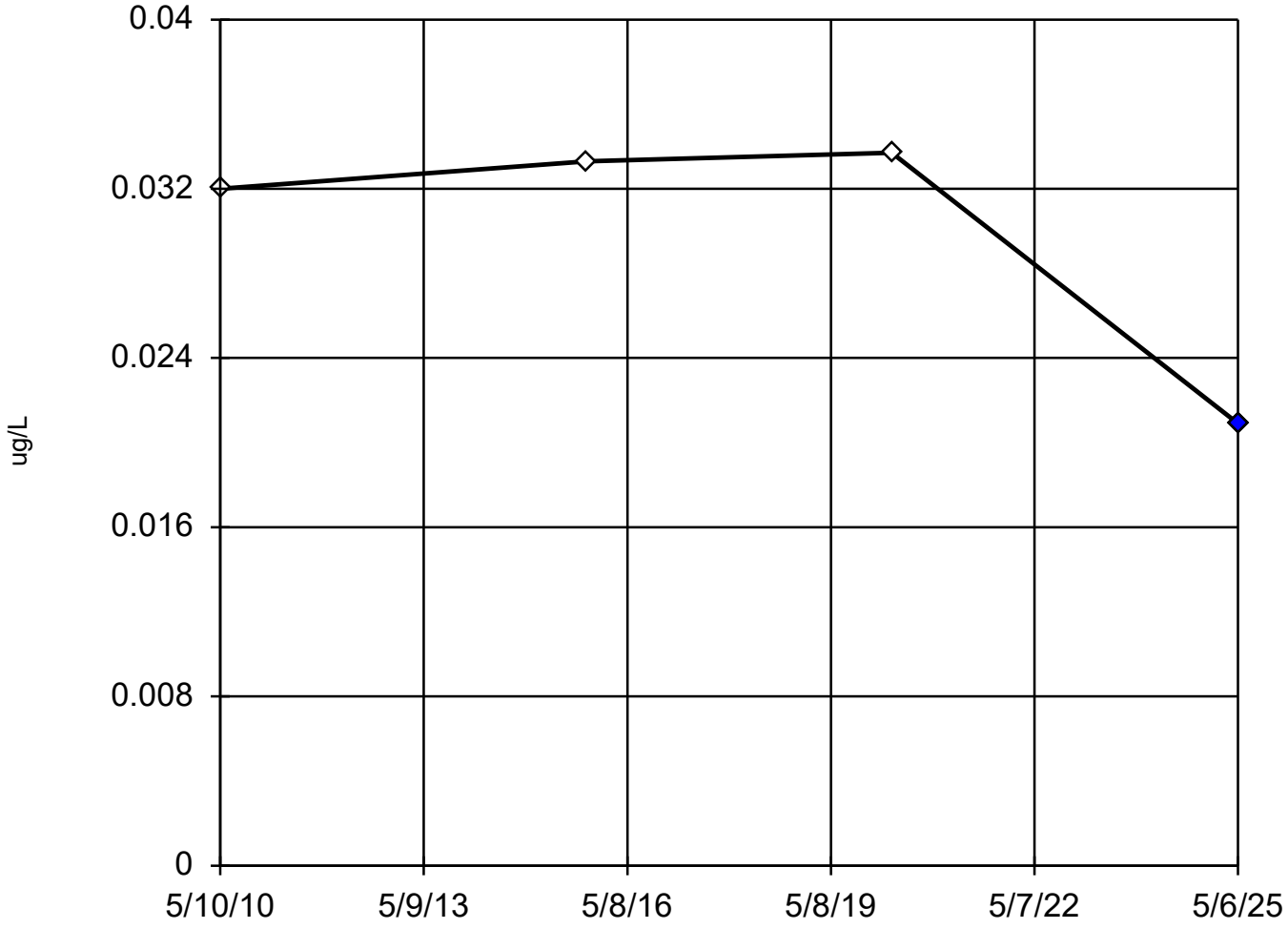
Constituent: Heptachlor Analysis Run 7/1/2026 4:08 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02998.
Std. Dev. = 0.006093.
<0.0209: c = 0.8672
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9145
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

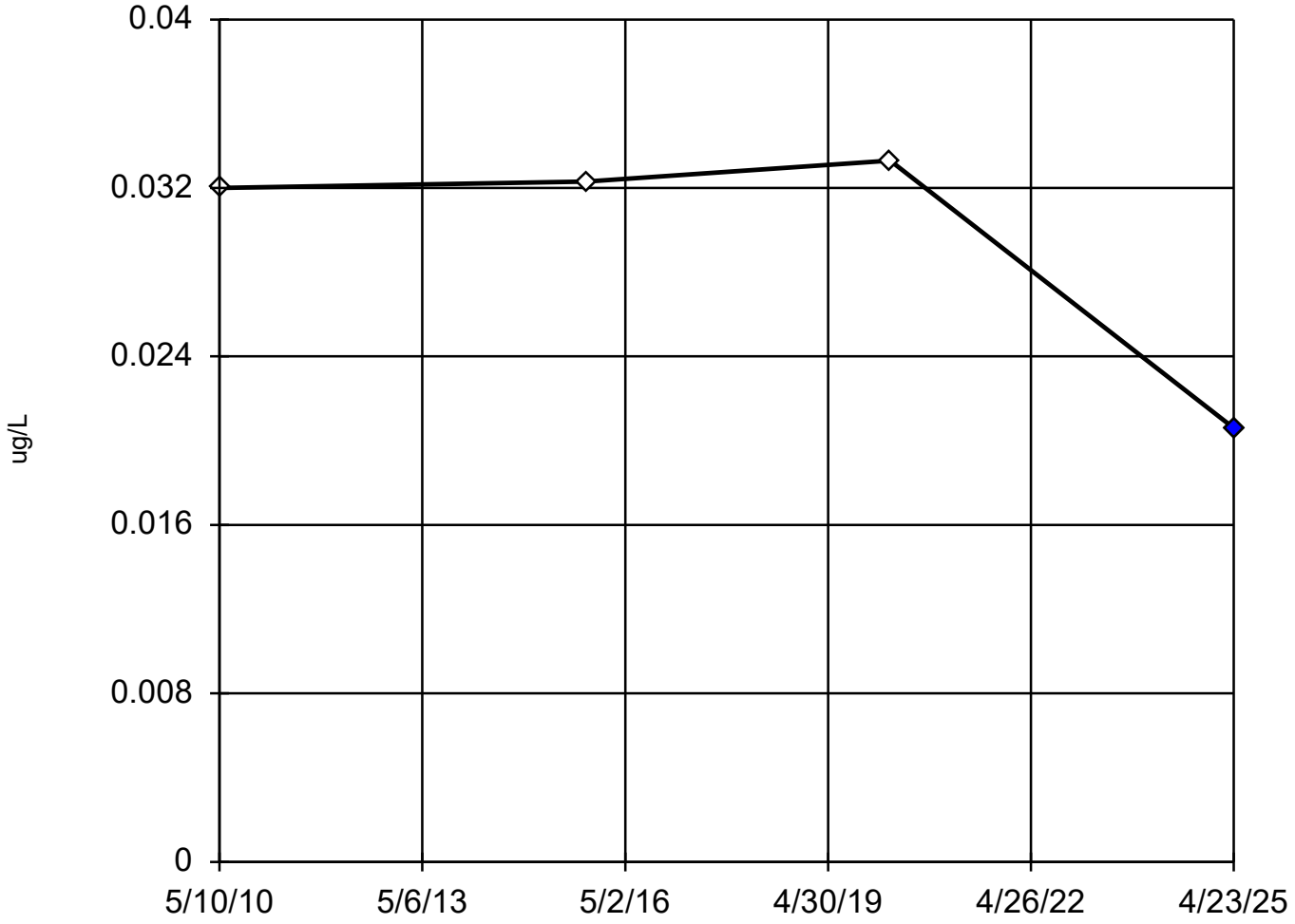
Constituent: Heptachlor Analysis Run 7/1/2026 4:08 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02955.
Std. Dev. = 0.005992.
<0.0206: c = 0.8976
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9119
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

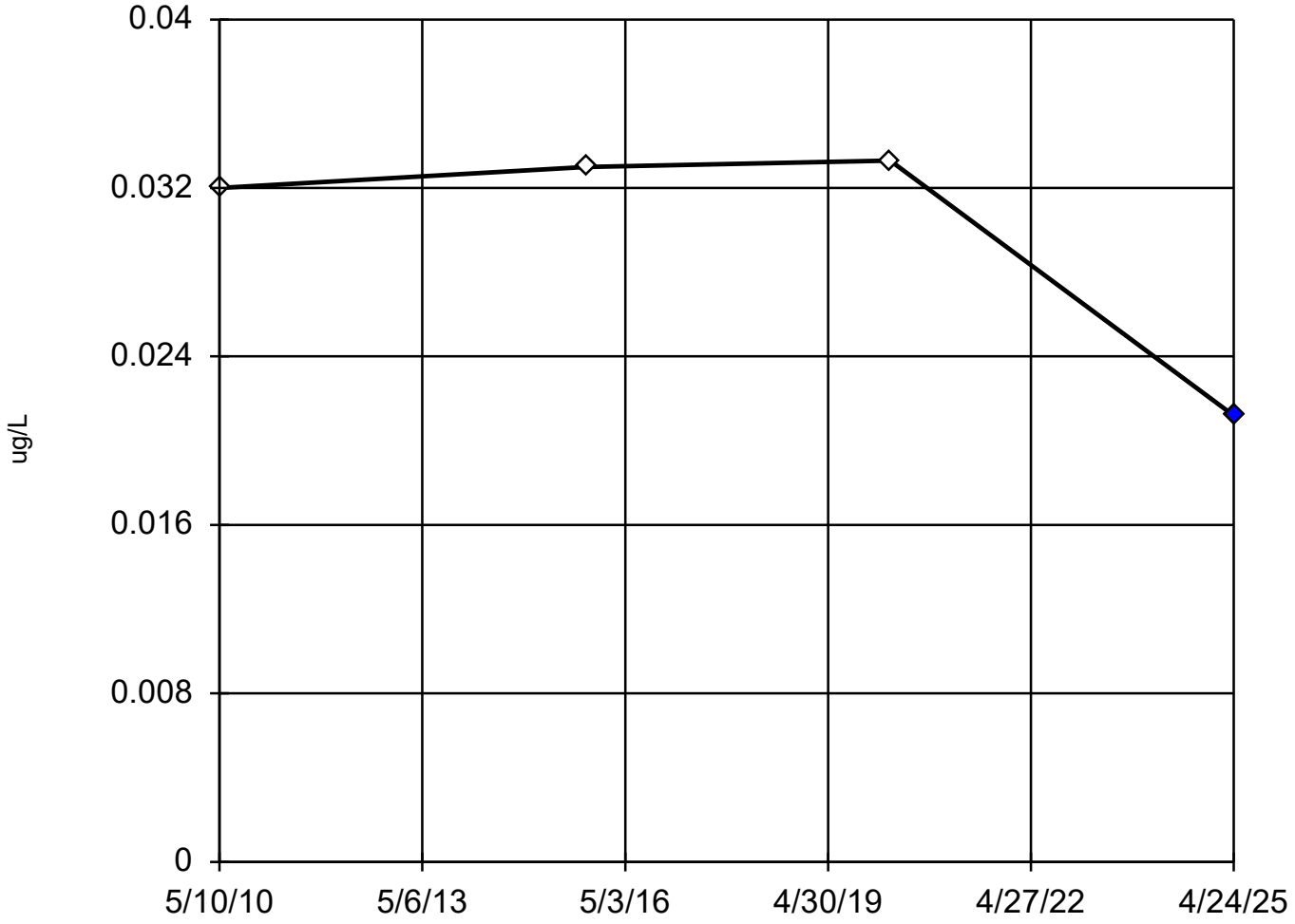
Constituent: Heptachlor Analysis Run 7/1/2026 4:08 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02988.
Std. Dev. = 0.00581.
<0.0212: c = 0.8926
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9119
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

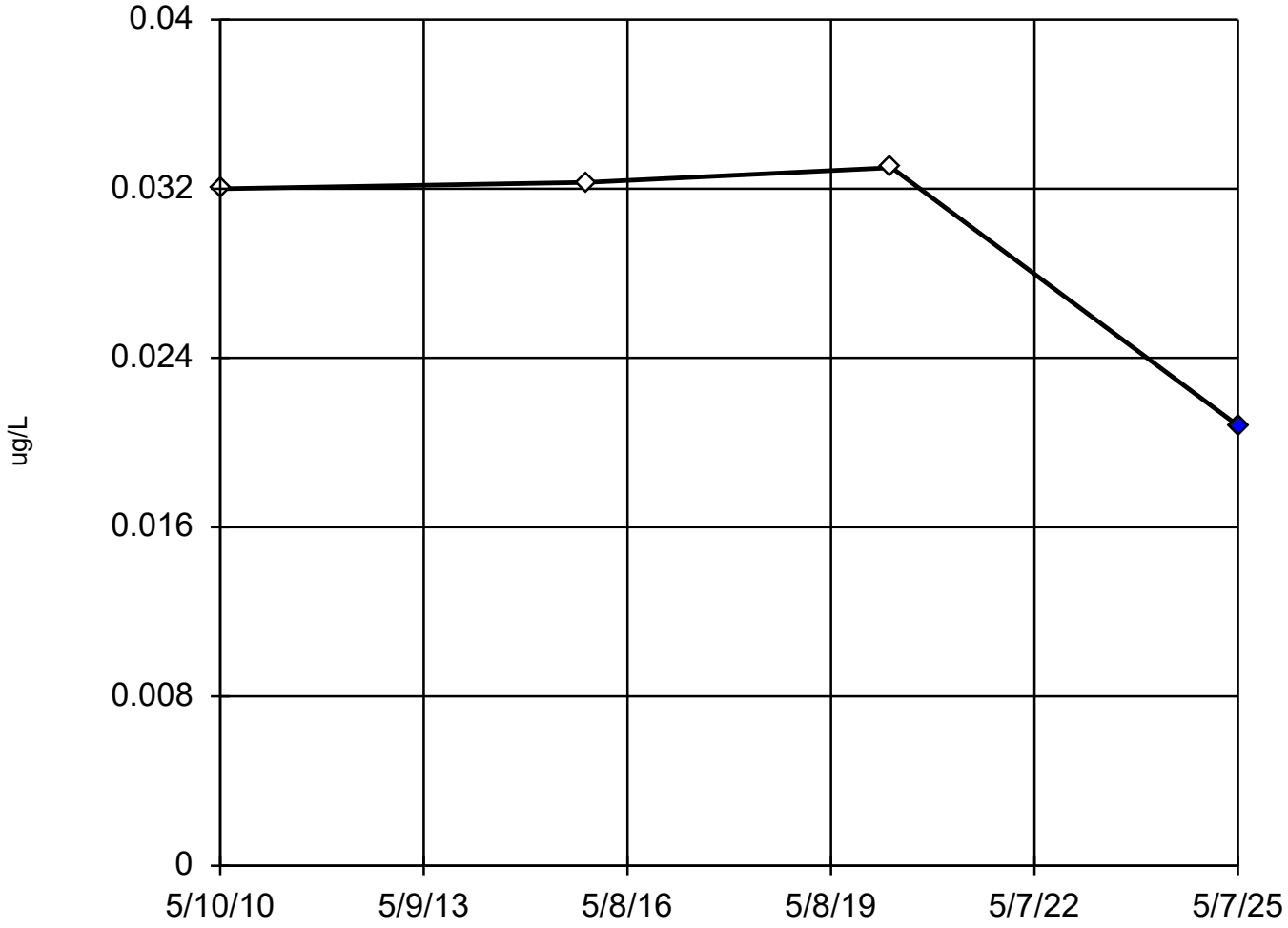
Constituent: Heptachlor Analysis Run 7/1/2026 4:08 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.02953.
Std. Dev. = 0.005832.
<0.0208: c = 0.918
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9493
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

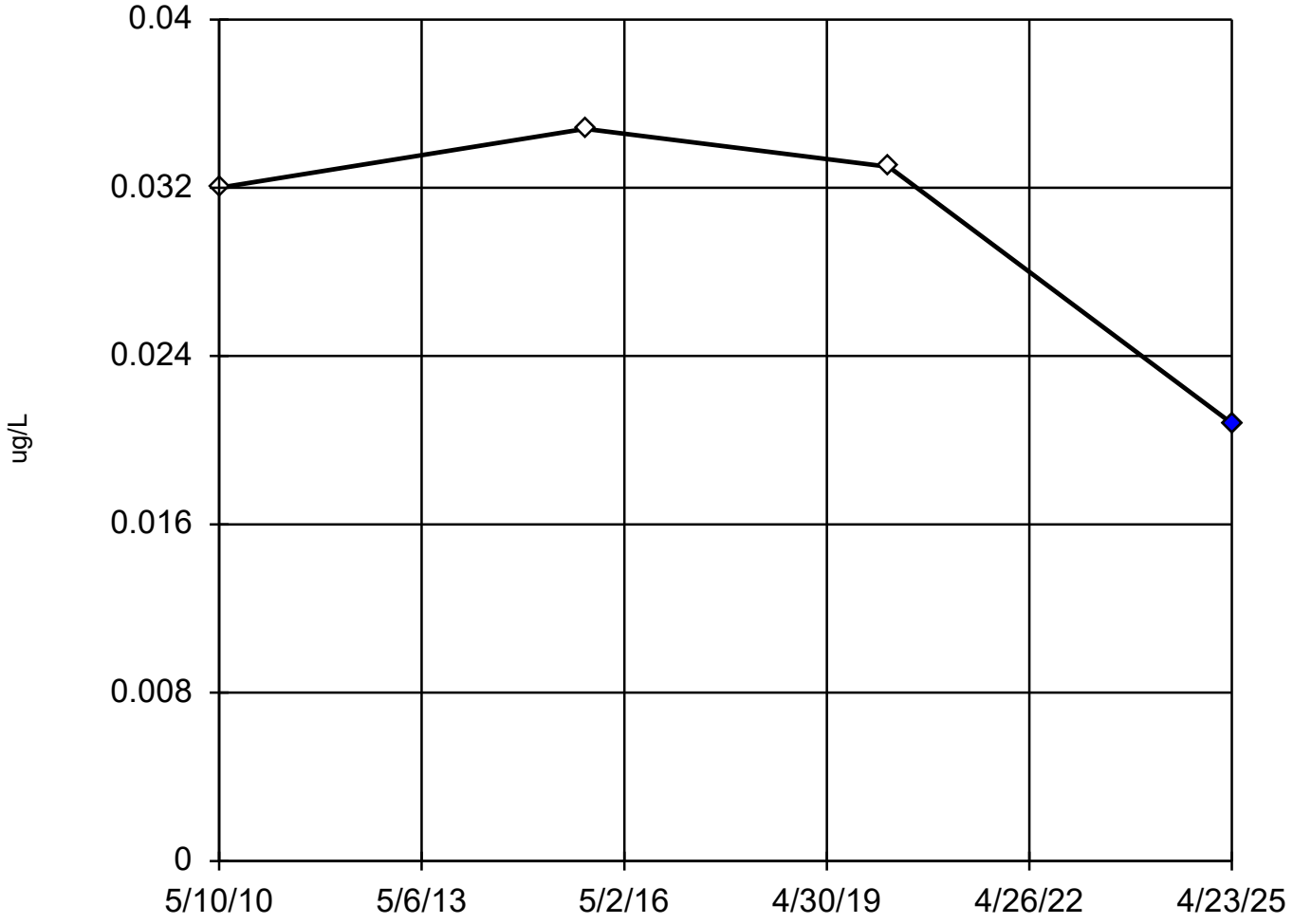
Constituent: Heptachlor Analysis Run 7/1/2026 4:08 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 0.03015.
Std. Dev. = 0.00634.
<0.0208: c = 0.8
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9735
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

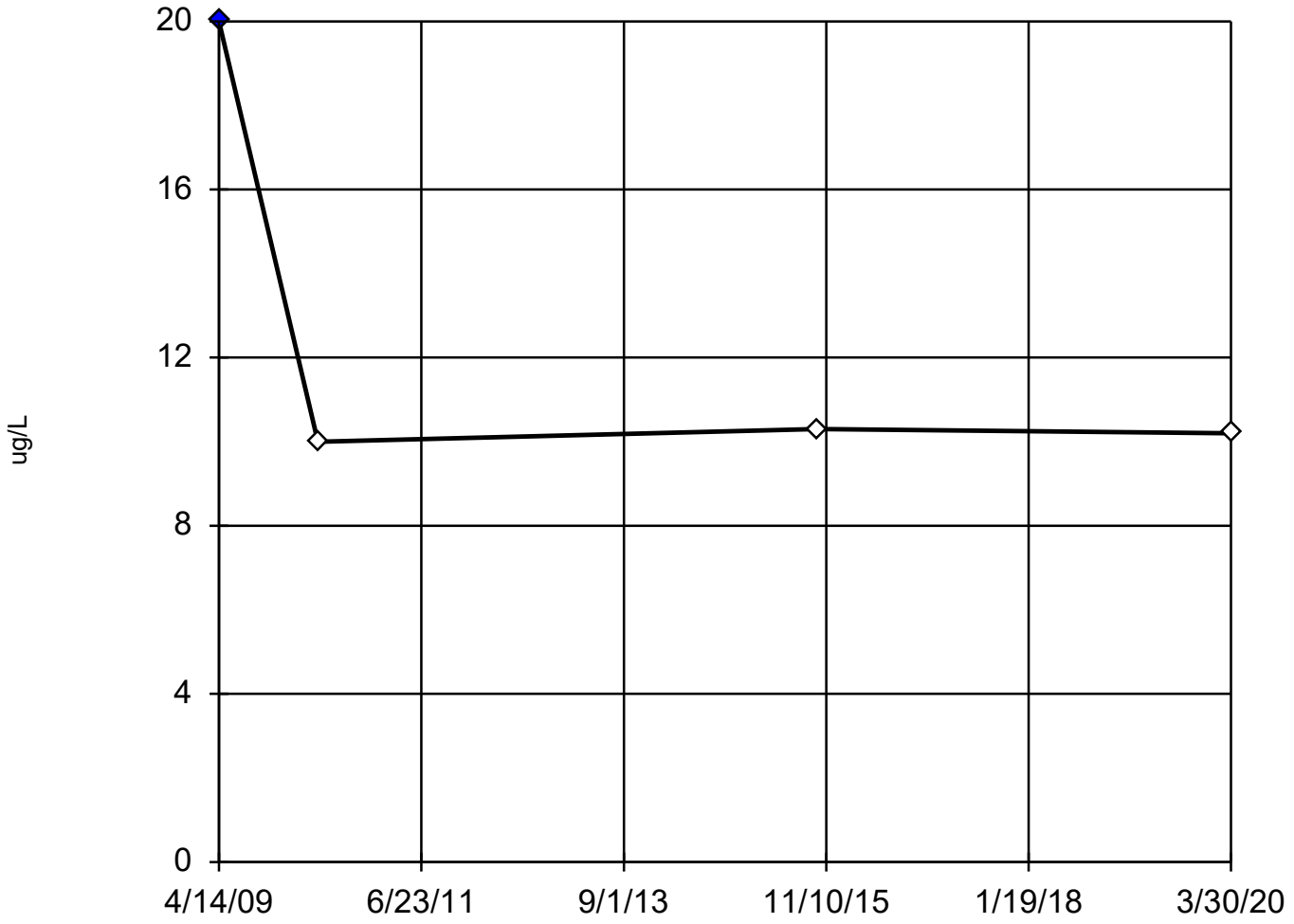
Constituent: Heptachlor Analysis Run 7/1/2026 4:08 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-14B



n = 4

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 12.63.
Std. Dev. = 4.918.
<20: c = 0.97
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

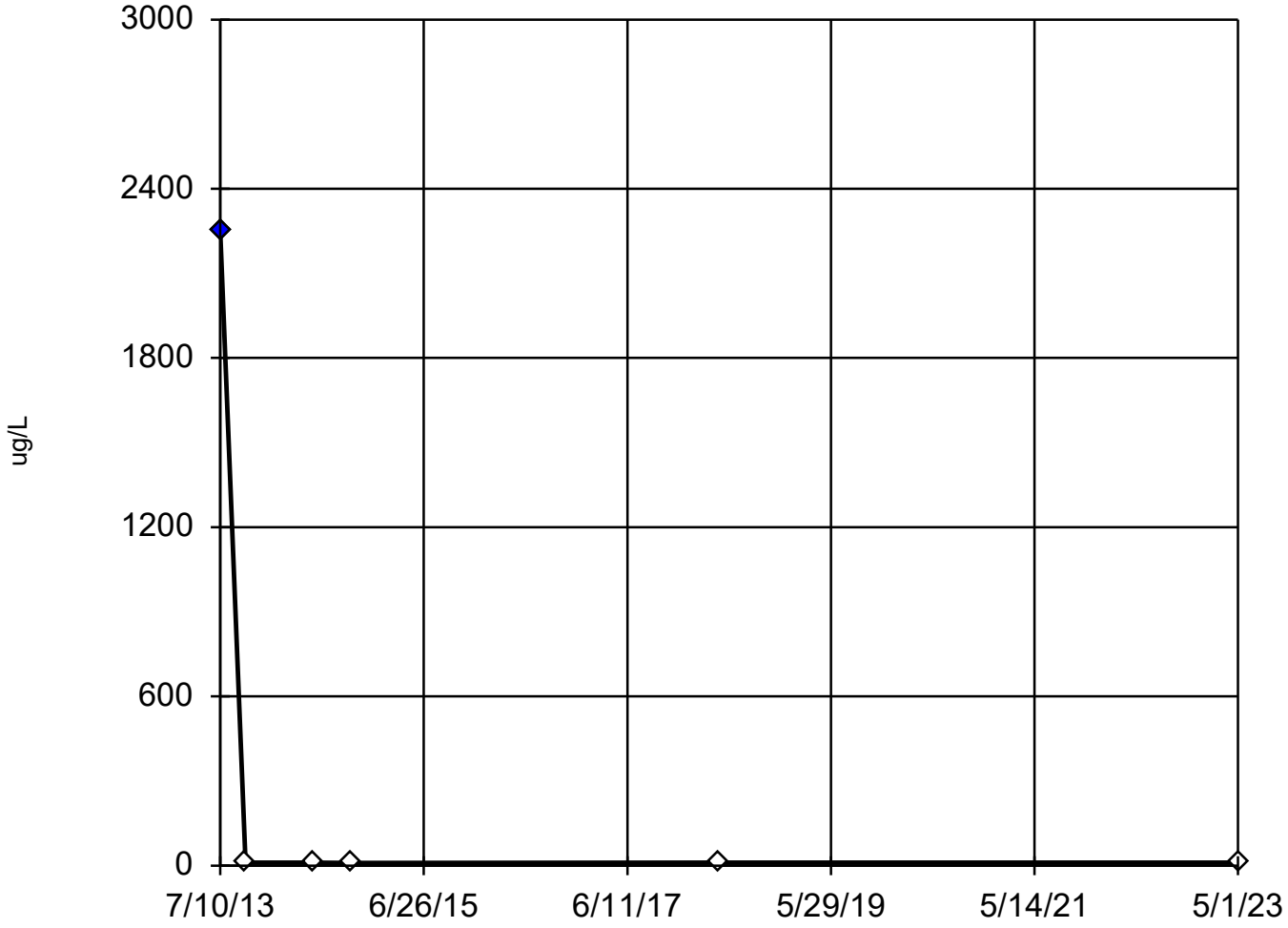
Constituent: m/p-Cresol Analysis Run 7/1/2026 4:09 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-219A



n = 6

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 383.6.
Std. Dev. = 914.4.
2250 (o): c = 0.9997
tabl = 0.56.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8401
Critical = 0.806
The distribution, after removal of suspect value, was found to be normally distributed.

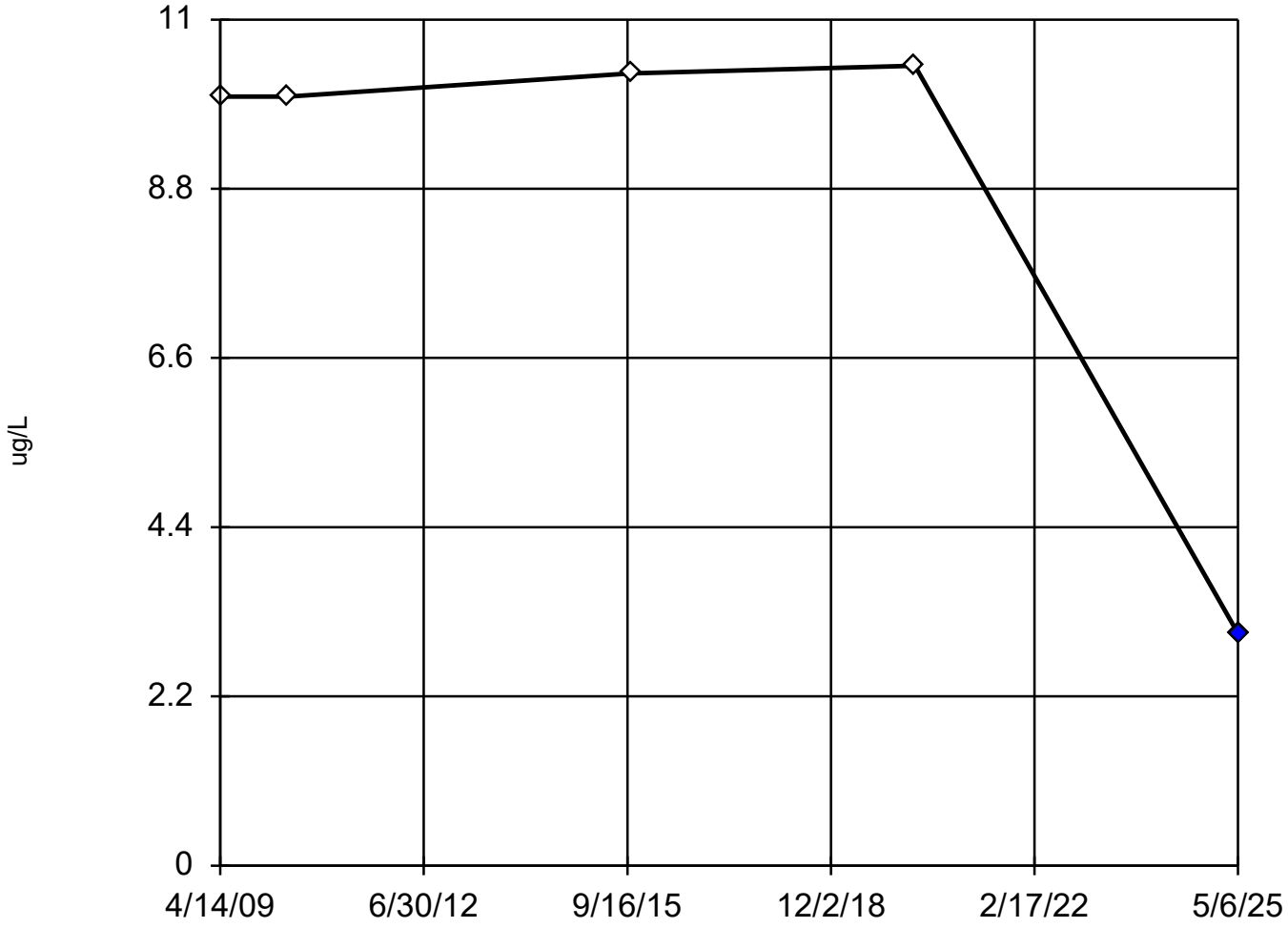
Constituent: m/p-Cresol Analysis Run 7/1/2026 4:10 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.744.
Std. Dev. = 3.205.
<3.02: c = 0.9458
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8294
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

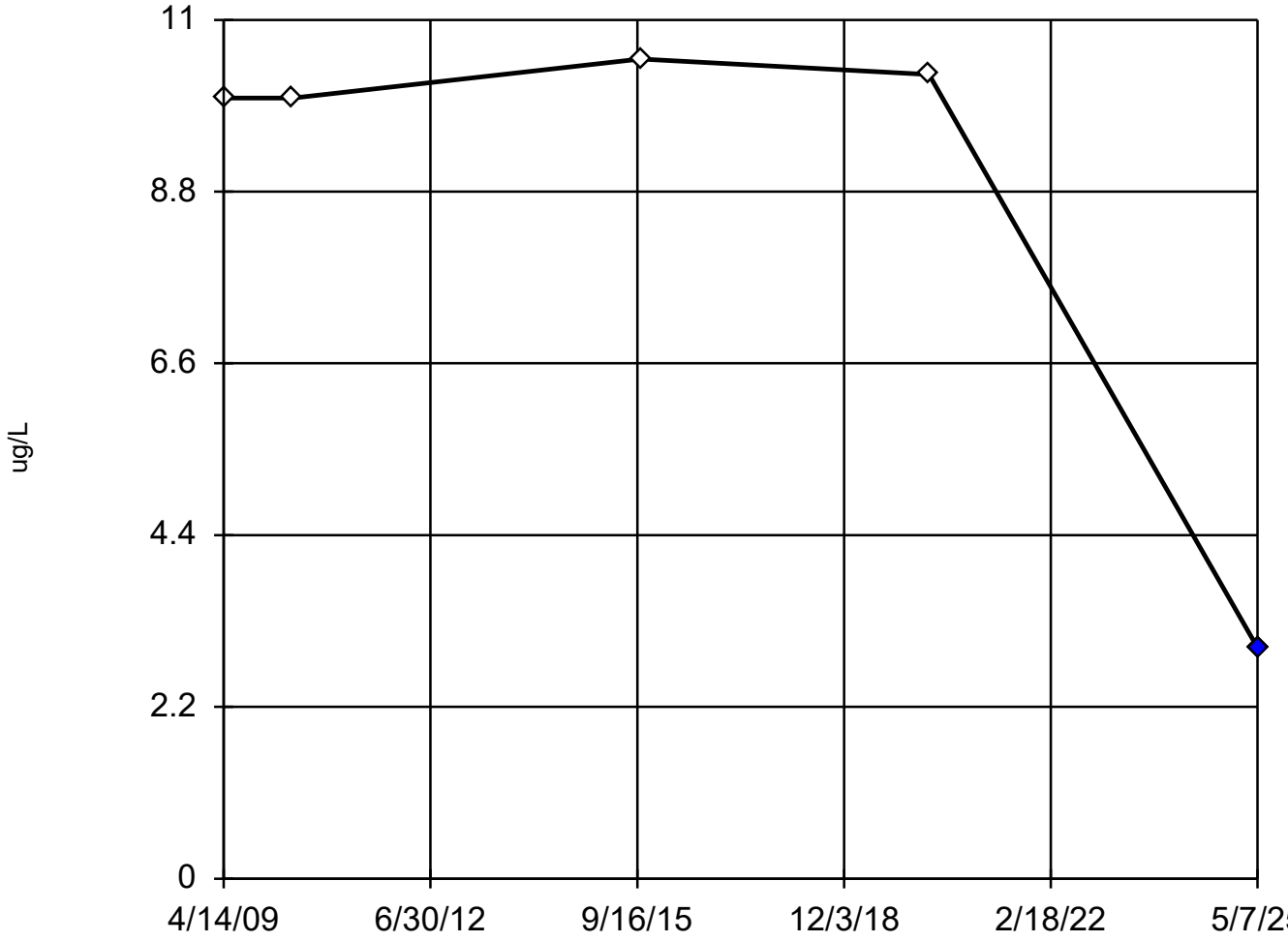
Constituent: O-Toluidine Analysis Run 7/1/2026 4:10 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-24A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.752.
Std. Dev. = 3.245.
<2.96: c = 0.9337
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.862
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: O-Toluidine Analysis Run 7/1/2026 4:10 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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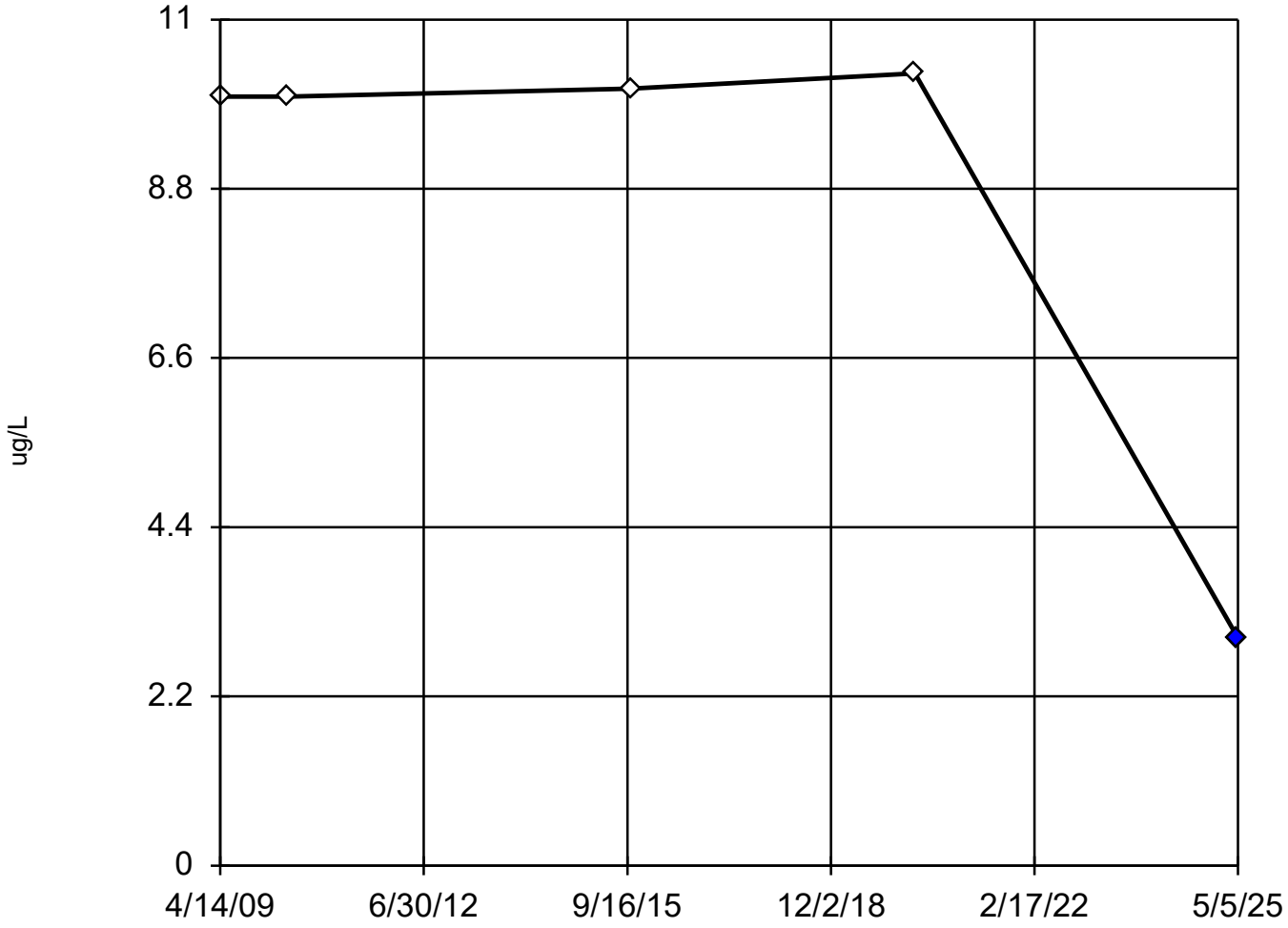
Dixon's Outlier Test

MW-29A



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.672.
Std. Dev. = 3.195.
<2.96: c = 0.9591
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8283
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

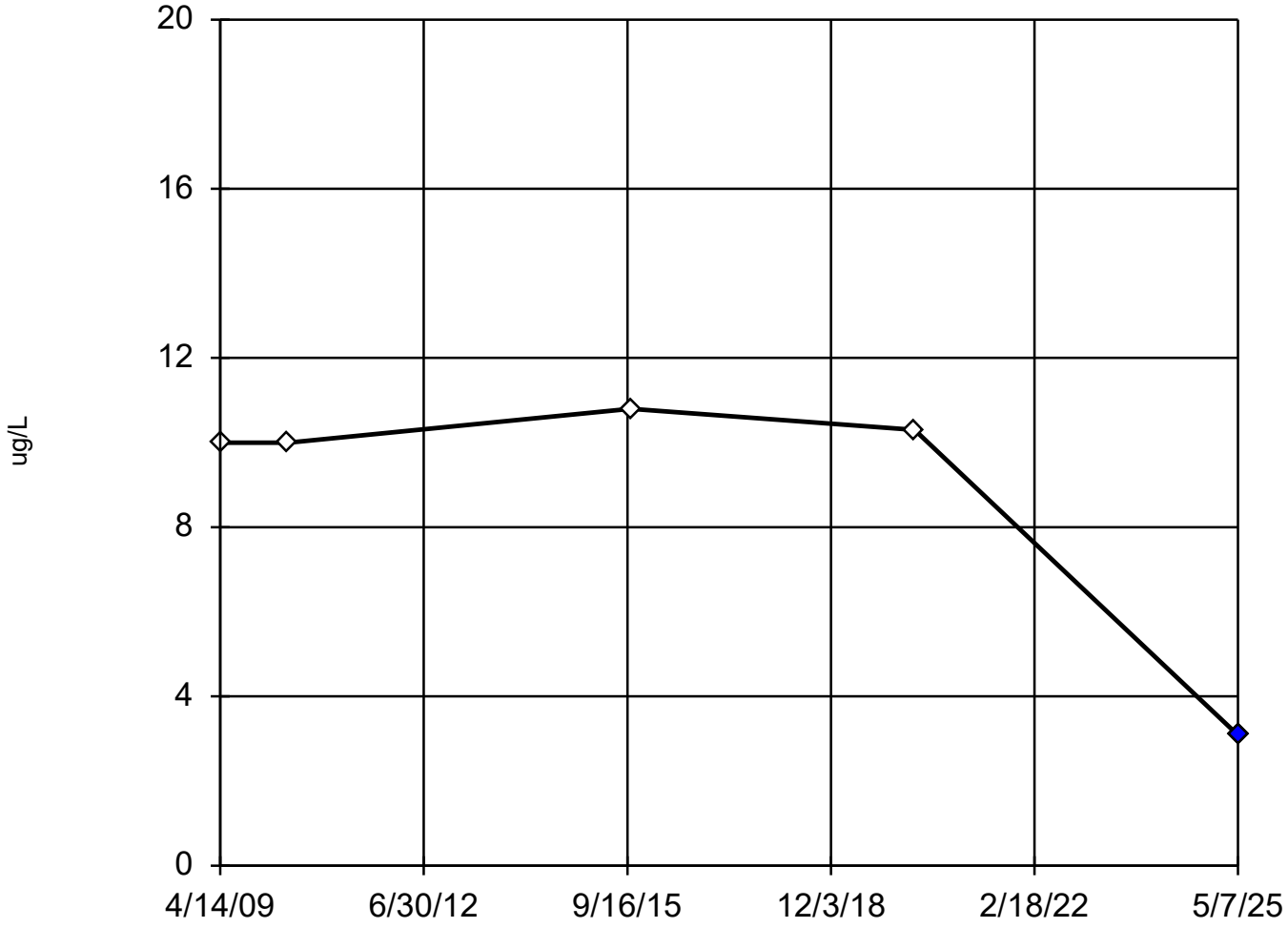
Constituent: O-Toluidine Analysis Run 7/1/2026 4:10 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.838.
Std. Dev. = 3.23.
<3.09: c = 0.8962
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8423
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

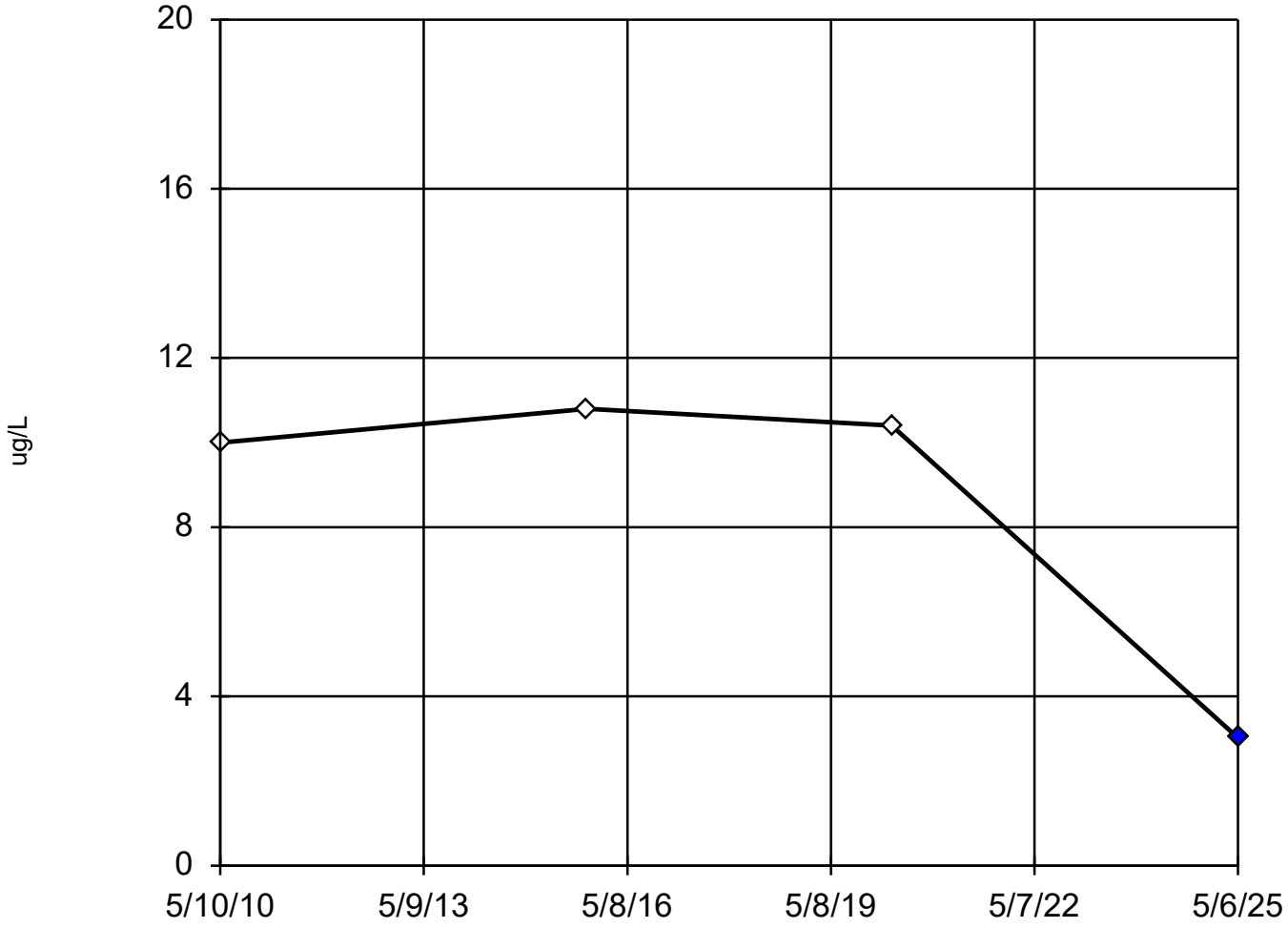
Constituent: O-Toluidine Analysis Run 7/1/2026 4:10 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.555.
Std. Dev. = 3.704.
<3.02: c = 0.8972
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 1
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

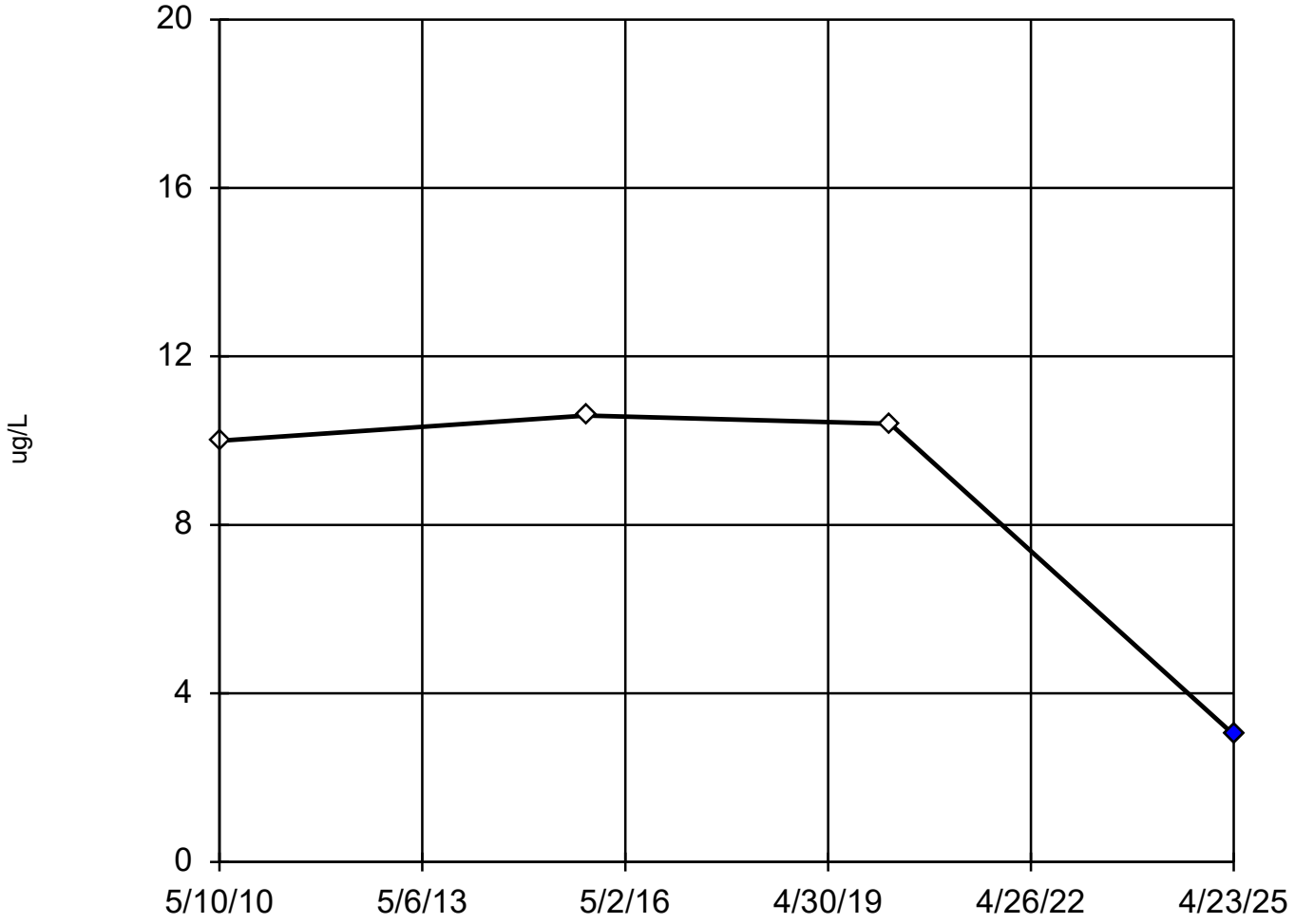
Constituent: O-Toluidine Analysis Run 7/1/2026 4:10 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.505.
Std. Dev. = 3.665.
<3.02: c = 0.9208
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: O-Toluidine Analysis Run 7/1/2026 4:10 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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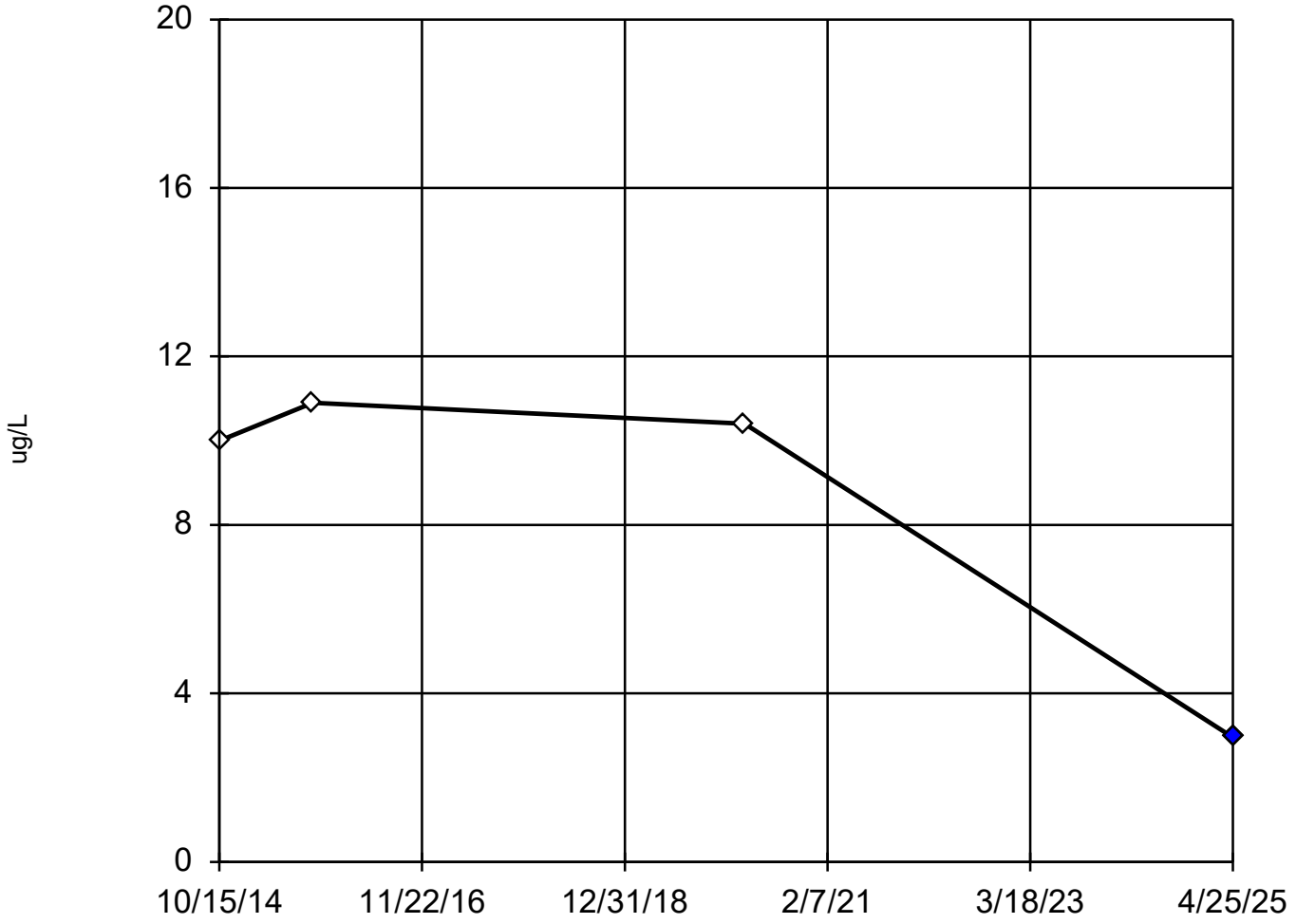
Dixon's Outlier Test

MW-208B



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.565.
Std. Dev. = 3.755.
<2.96: c = 0.8866
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9959
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

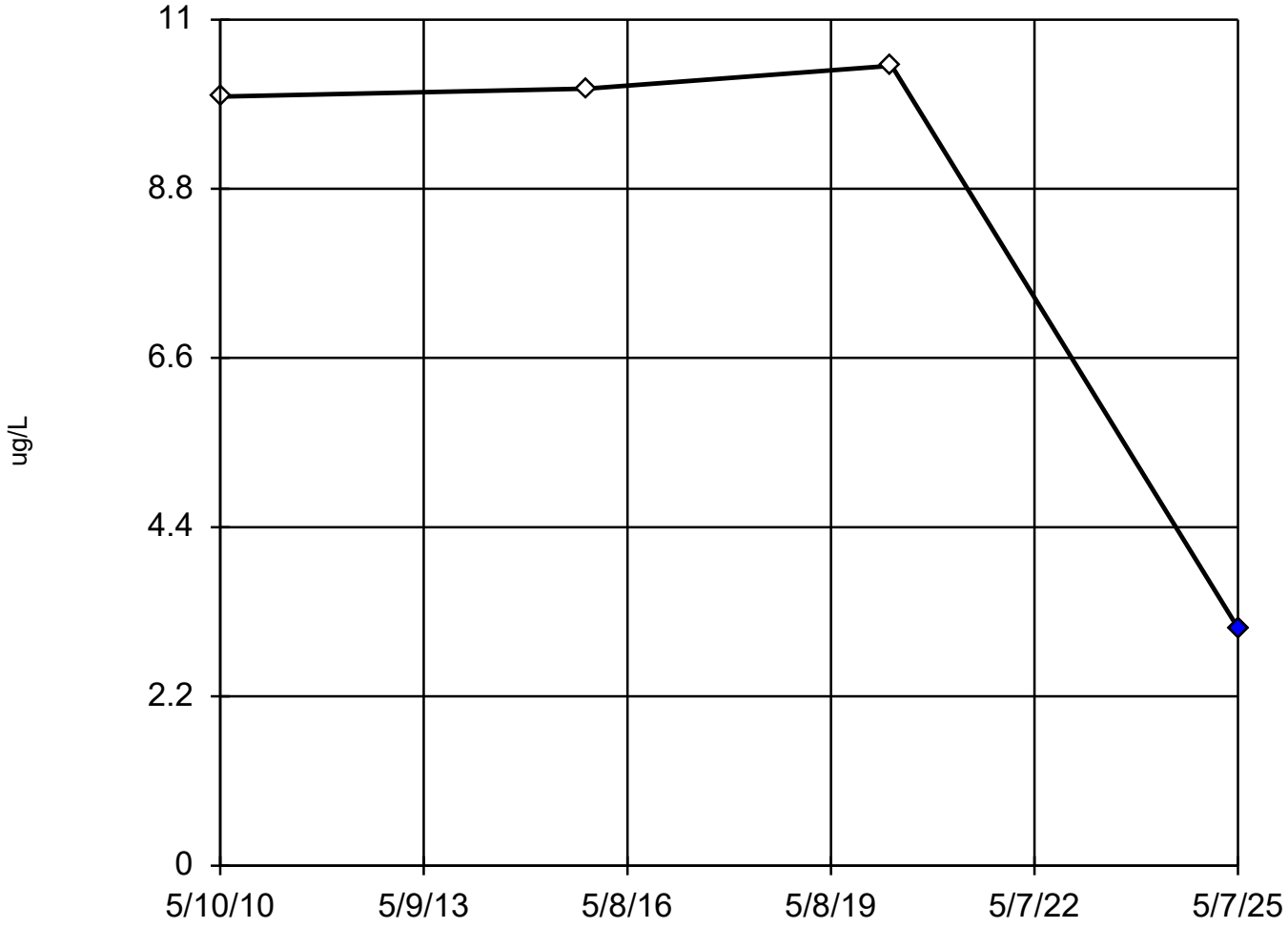
Constituent: O-Toluidine Analysis Run 7/1/2026 4:11 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.397.
Std. Dev. = 3.542.
<3.09: c = 0.9453
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9231
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: O-Toluidine Analysis Run 7/1/2026 4:11 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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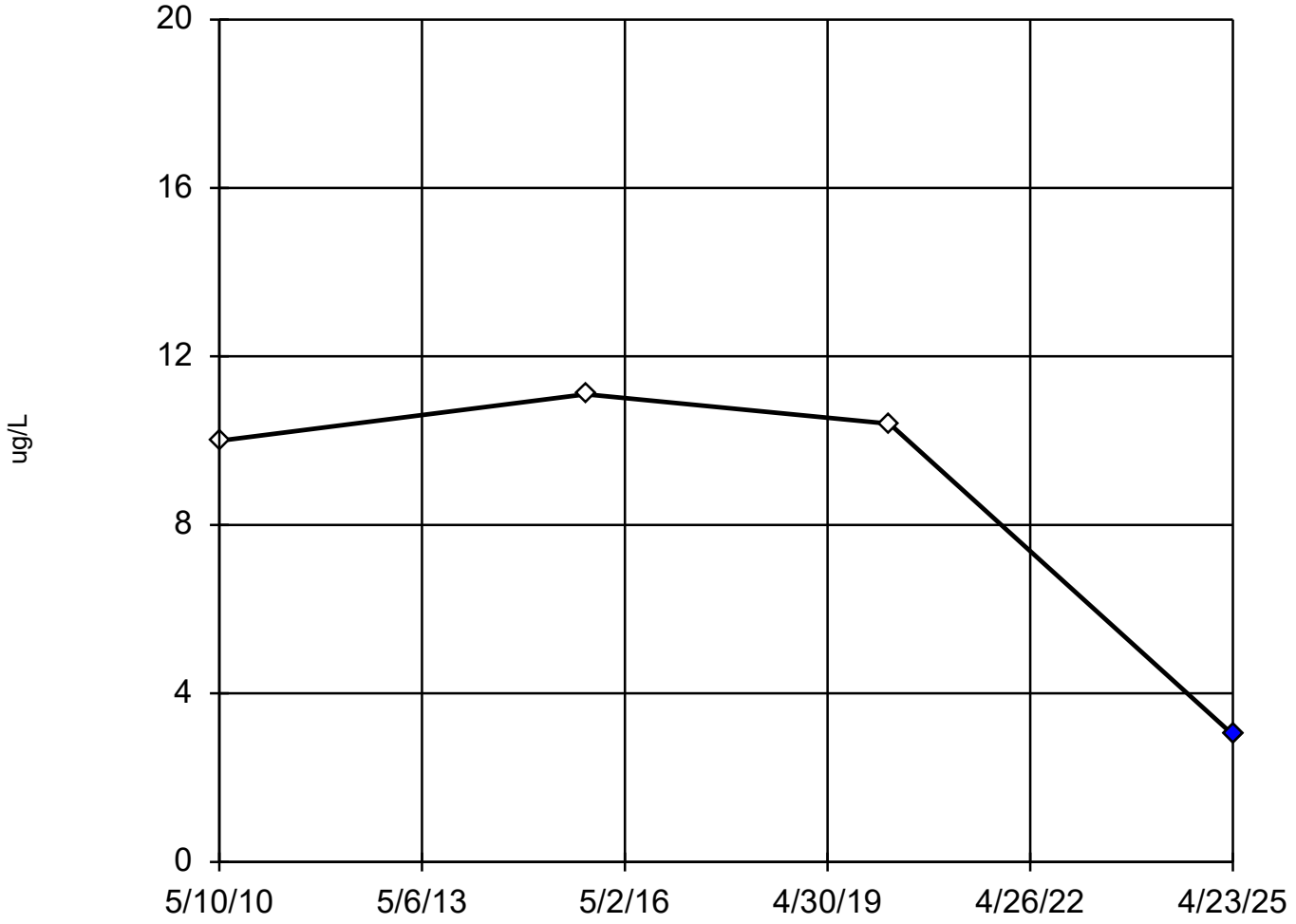
Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.63.
Std. Dev. = 3.768.
<3.02: c = 0.8639
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9758
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

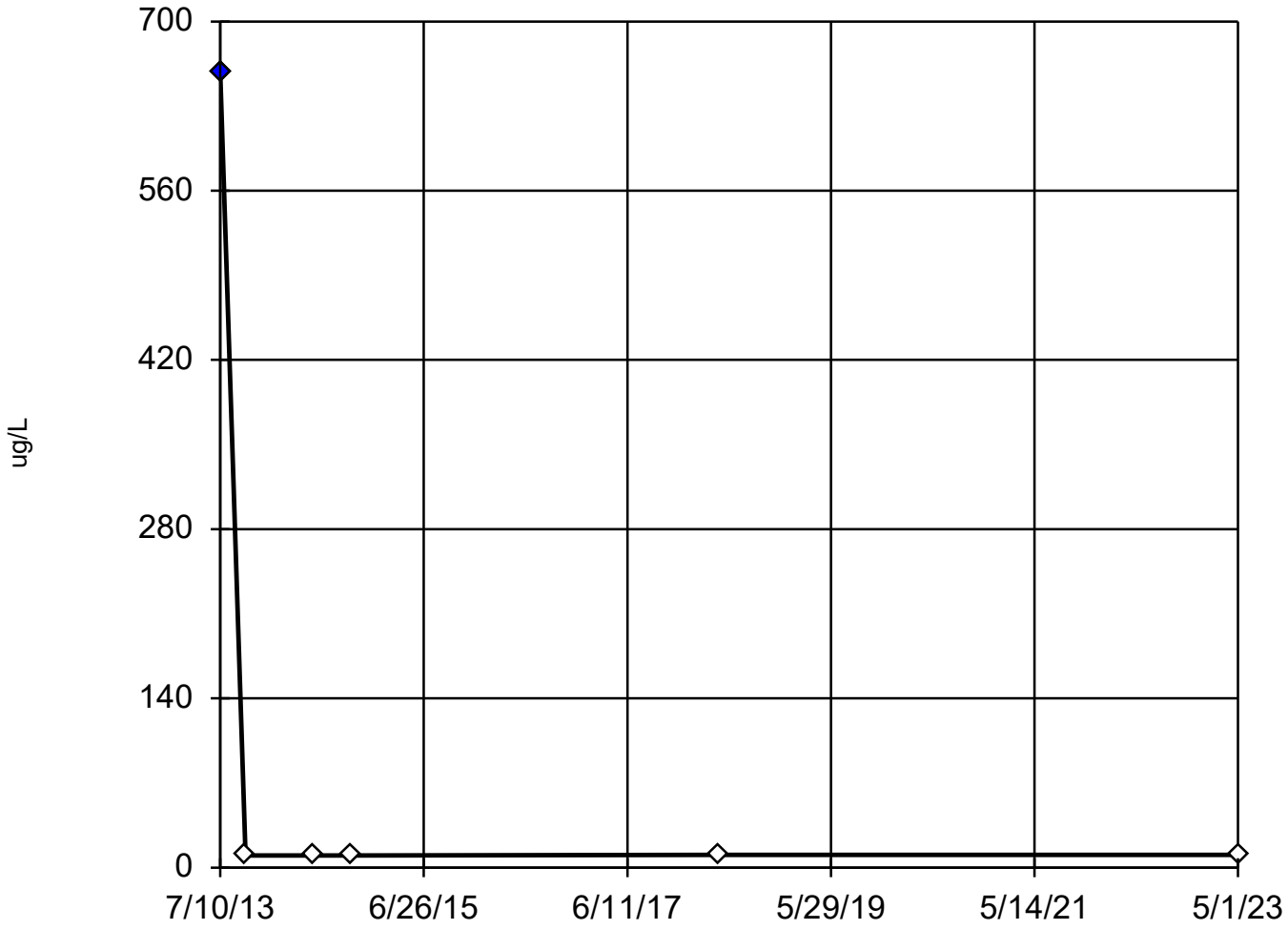
Constituent: O-Toluidine Analysis Run 7/1/2026 4:11 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-219A



n = 6

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 118.2.
Std. Dev. = 264.4.
658 (o): c = 0.9991
tabl = 0.56.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8401
Critical = 0.806
The distribution, after removal of suspect value, was found to be normally distributed.

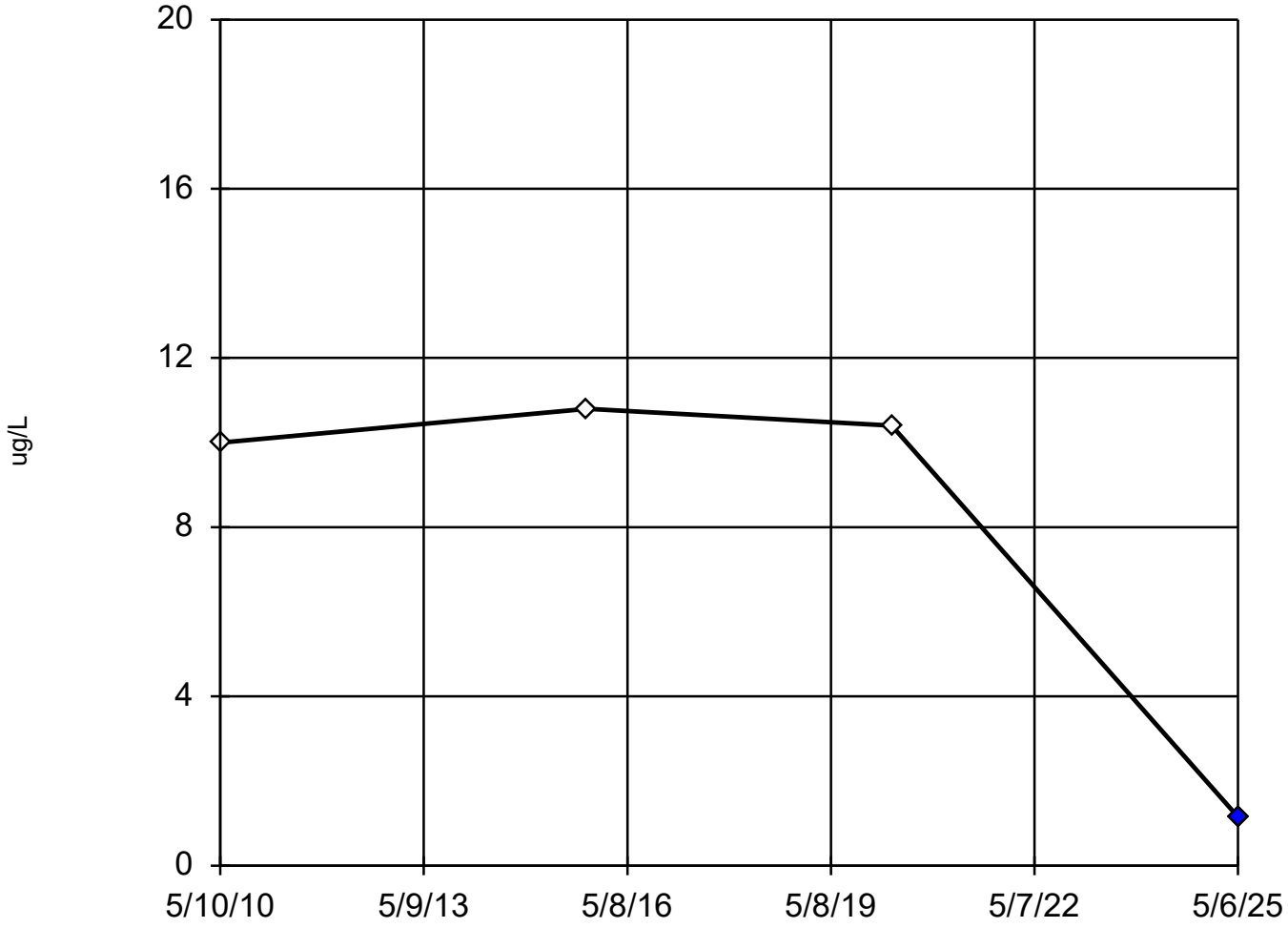
Constituent: O-Toluidine Analysis Run 7/1/2026 4:11 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.087.
Std. Dev. = 4.637.
<1.15: c = 0.9171
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 1
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

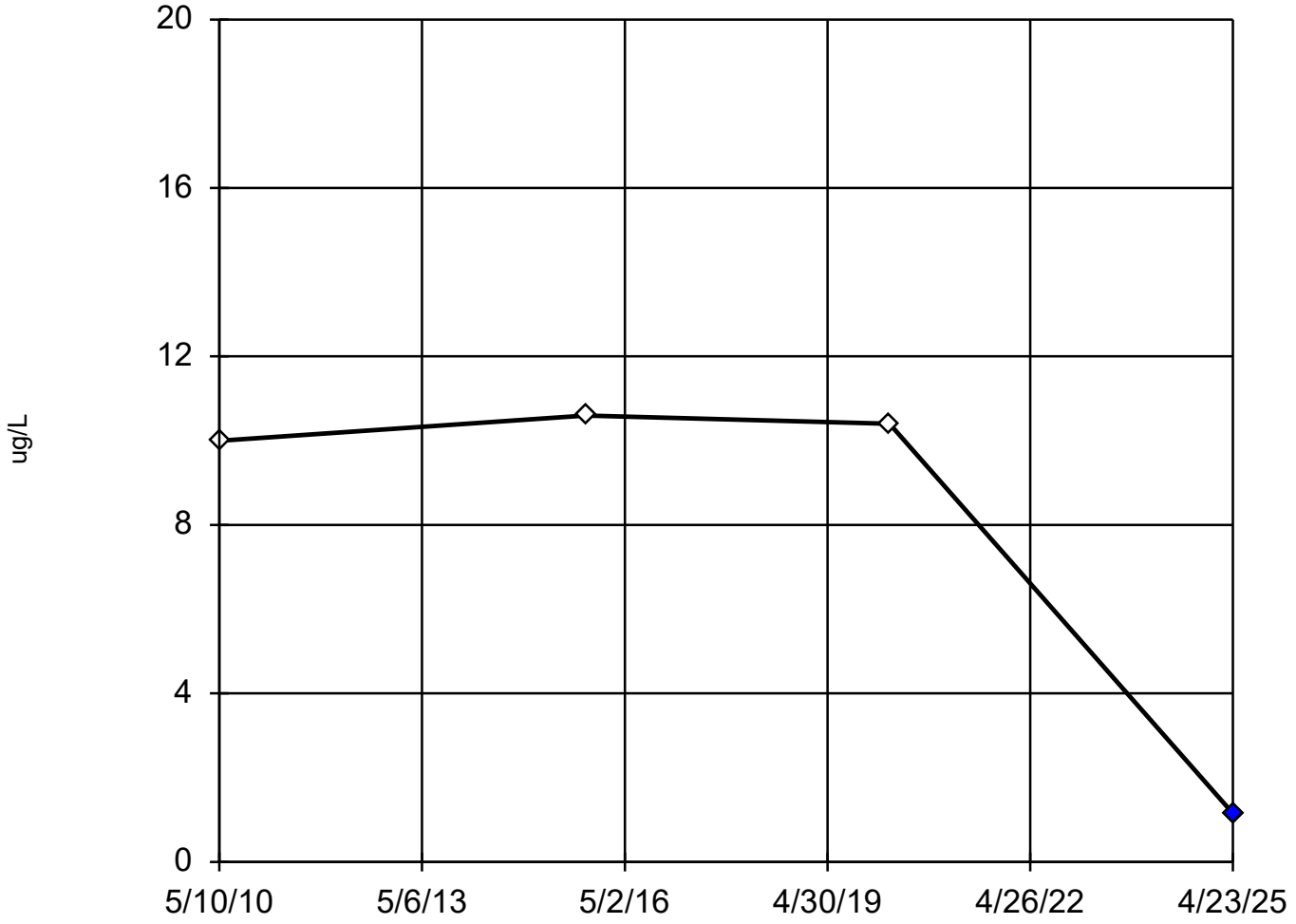
Constituent: Phenol Analysis Run 7/1/2026 4:11 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.037.
Std. Dev. = 4.598.
<1.15: c = 0.9365
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

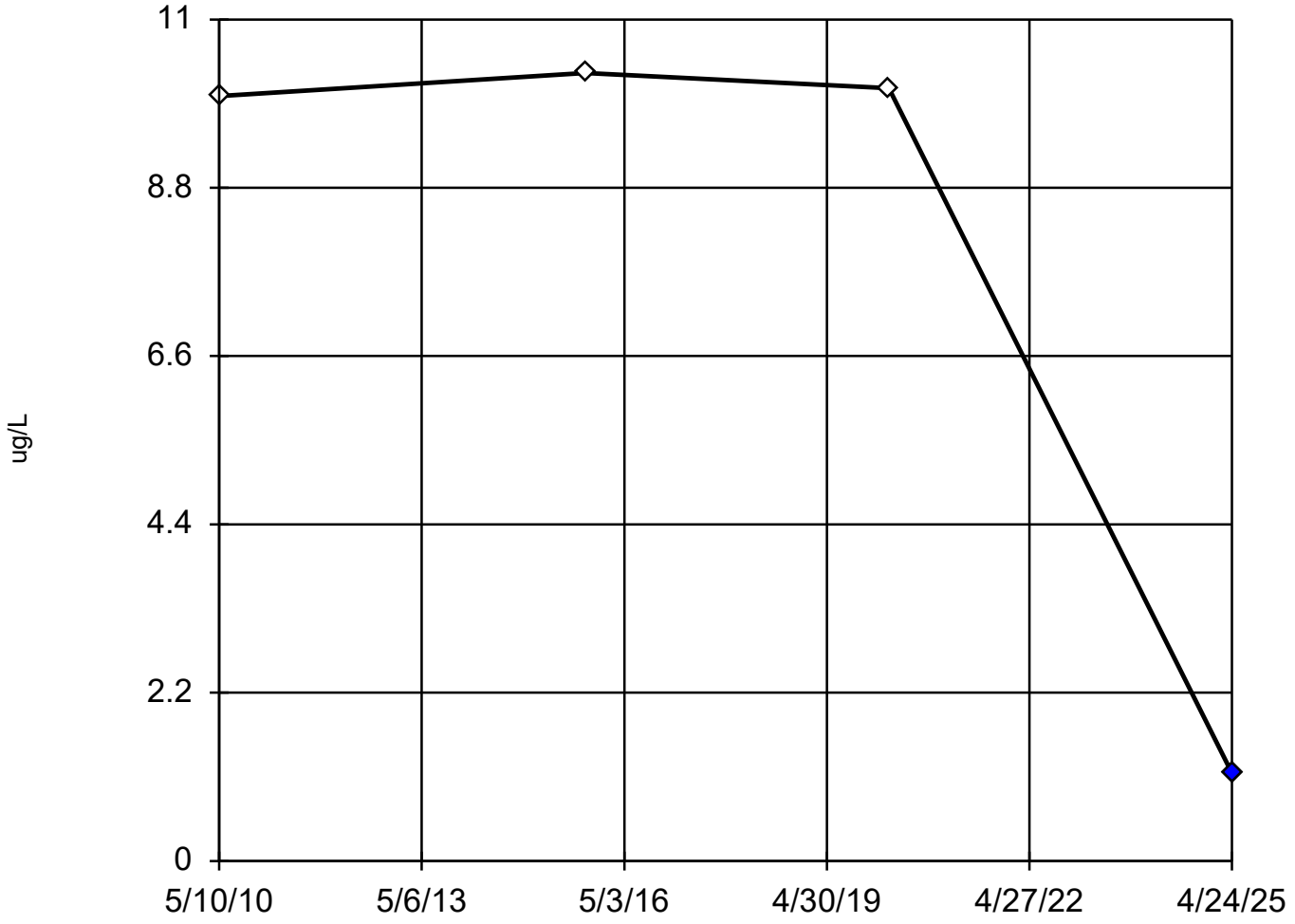
Constituent: Phenol Analysis Run 7/1/2026 4:11 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.888.
Std. Dev. = 4.493.
<1.15: c = 0.9672
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

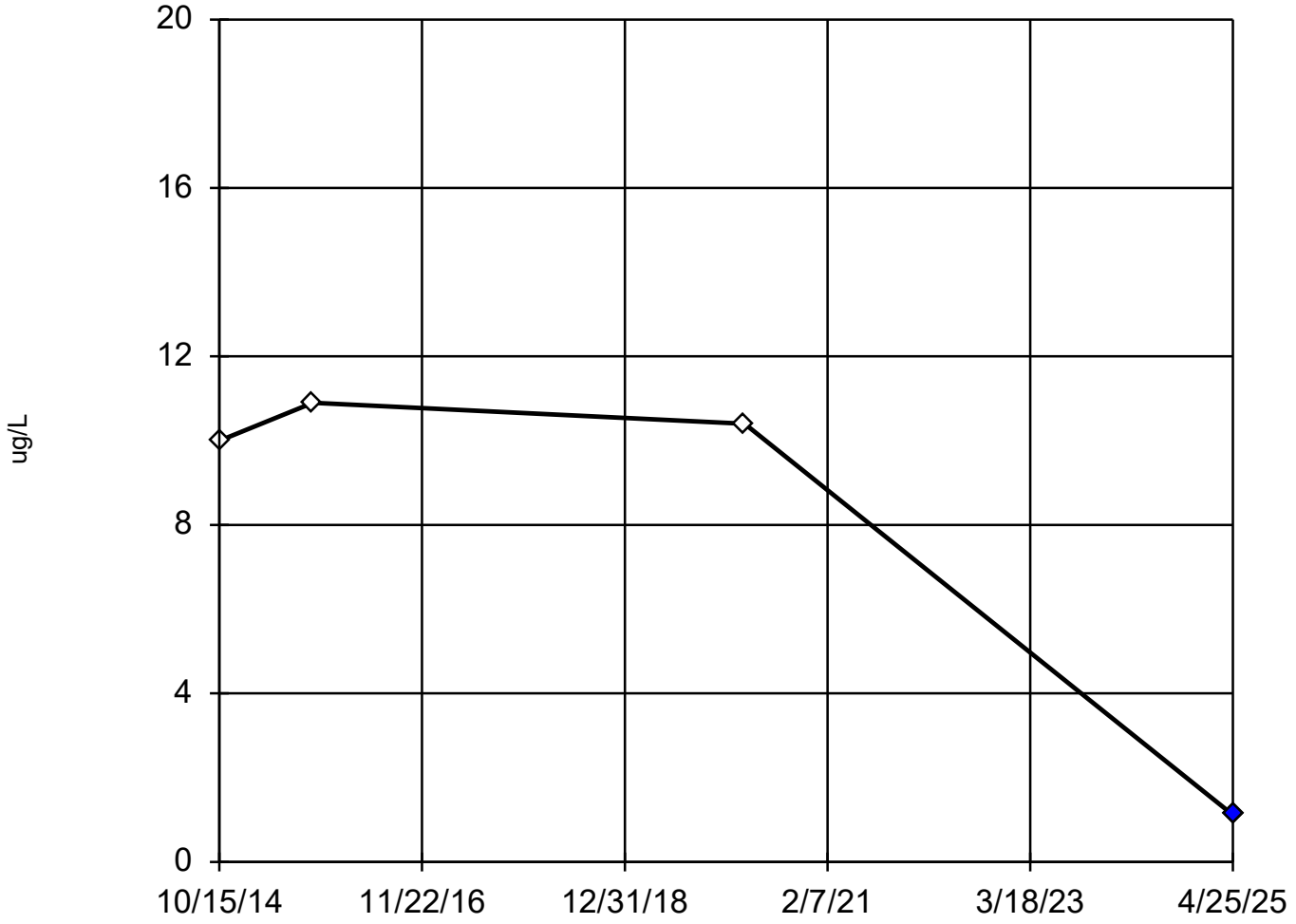
Constituent: Phenol Analysis Run 7/1/2026 4:12 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-208B



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.105.
Std. Dev. = 4.671.
<1.12: c = 0.908
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9959
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

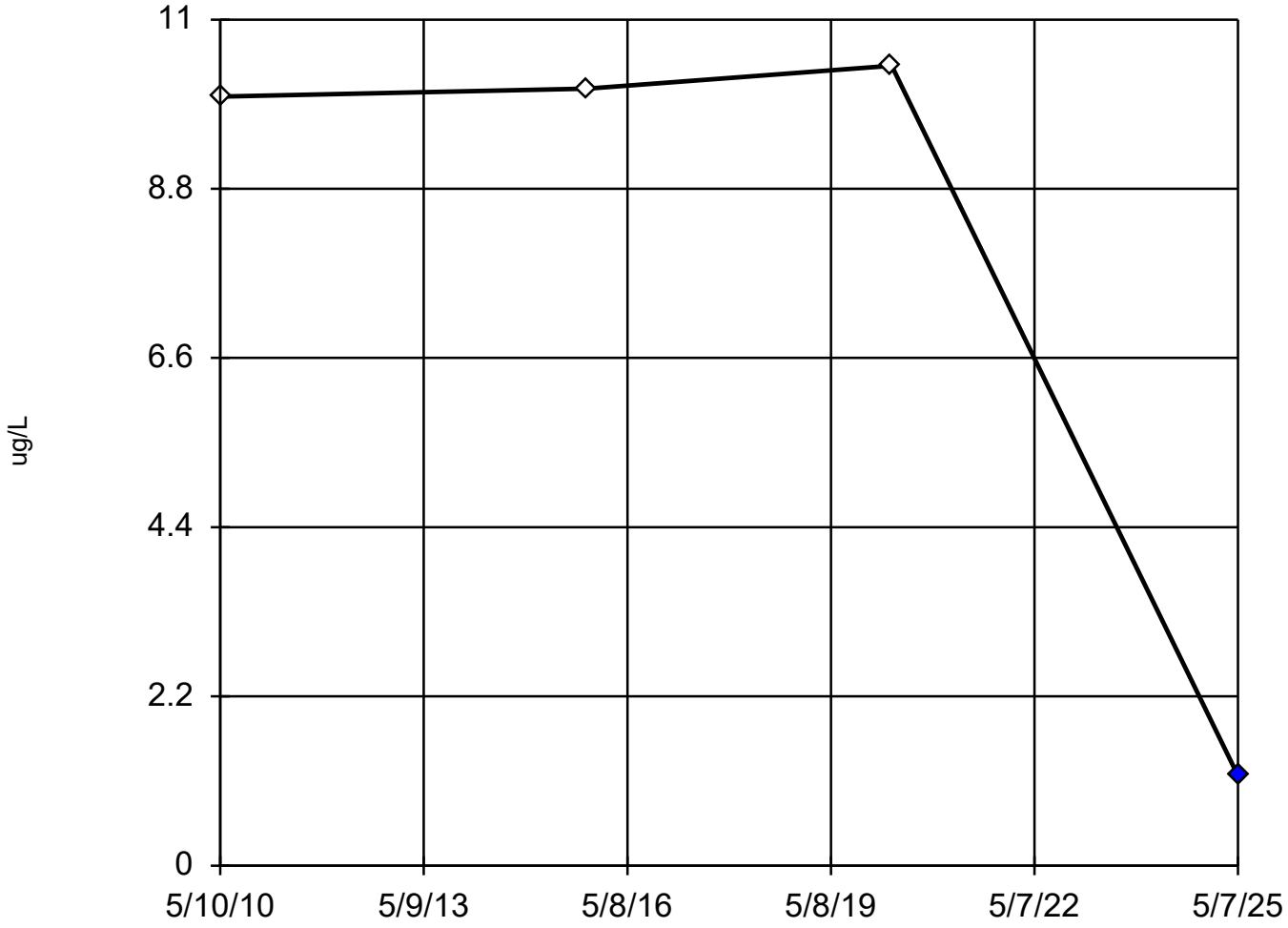
Constituent: Phenol Analysis Run 7/1/2026 4:12 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 7.917.
Std. Dev. = 4.502.
<1.17: c = 0.9567
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9231
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

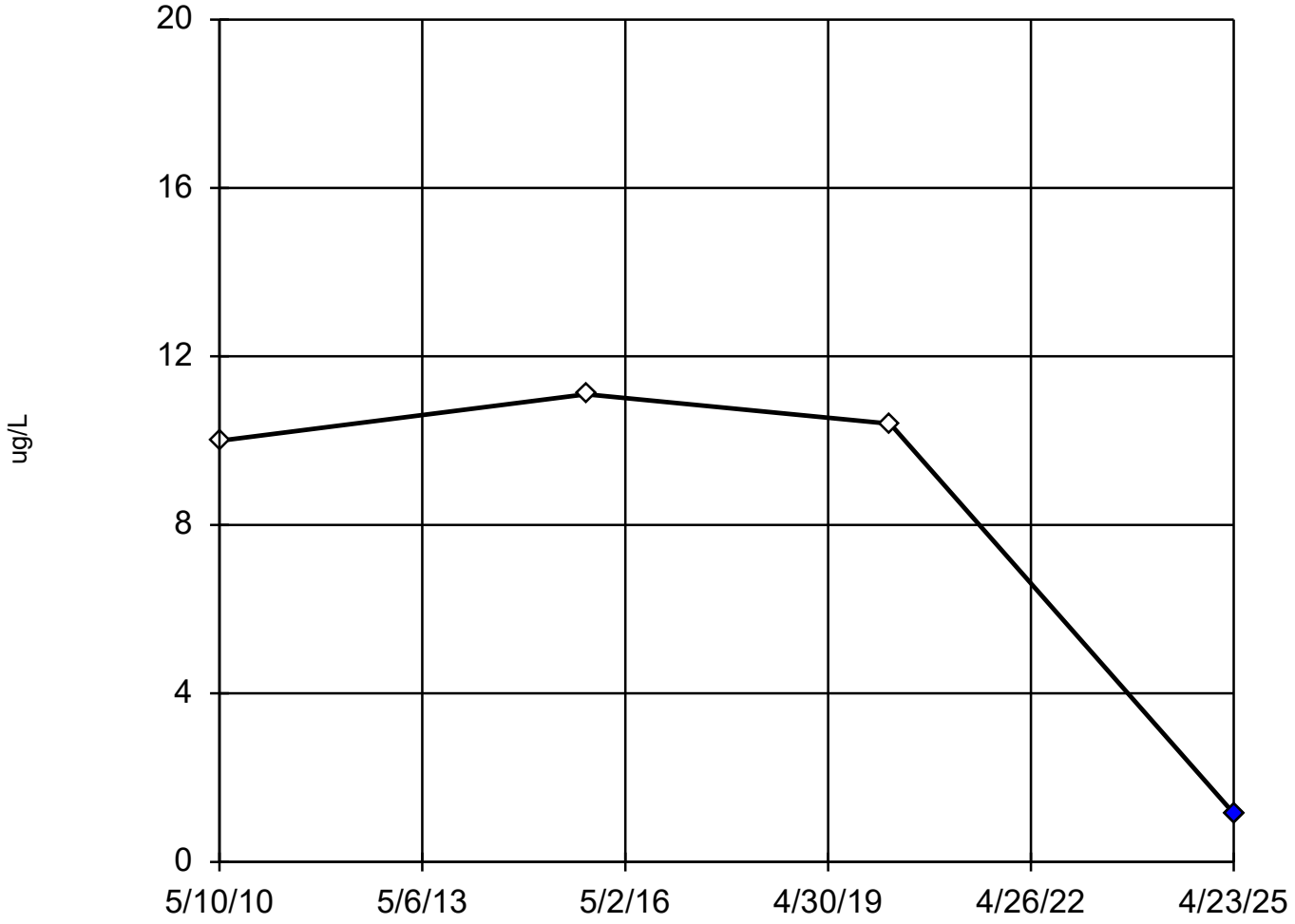
Constituent: Phenol Analysis Run 7/1/2026 4:12 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 8.162.
Std. Dev. = 4.697.
<1.15: c = 0.8894
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9758
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

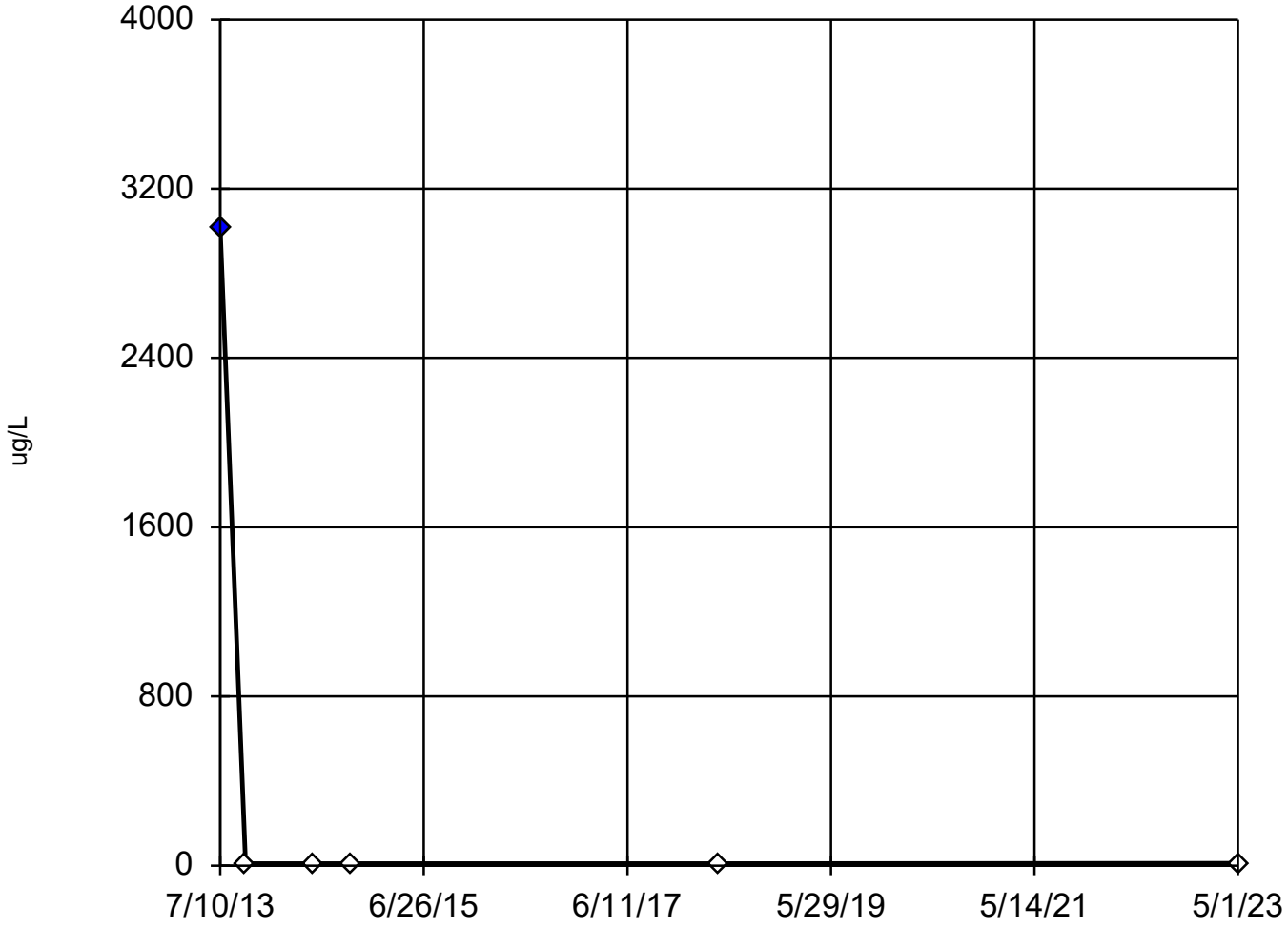
Constituent: Phenol Analysis Run 7/1/2026 4:12 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-219A



n = 6

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 510.2.
Std. Dev. = 1225.
3010 (o): c = 0.9998
tabl = 0.56.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8401
Critical = 0.806
The distribution, after removal of suspect value, was found to be normally distributed.

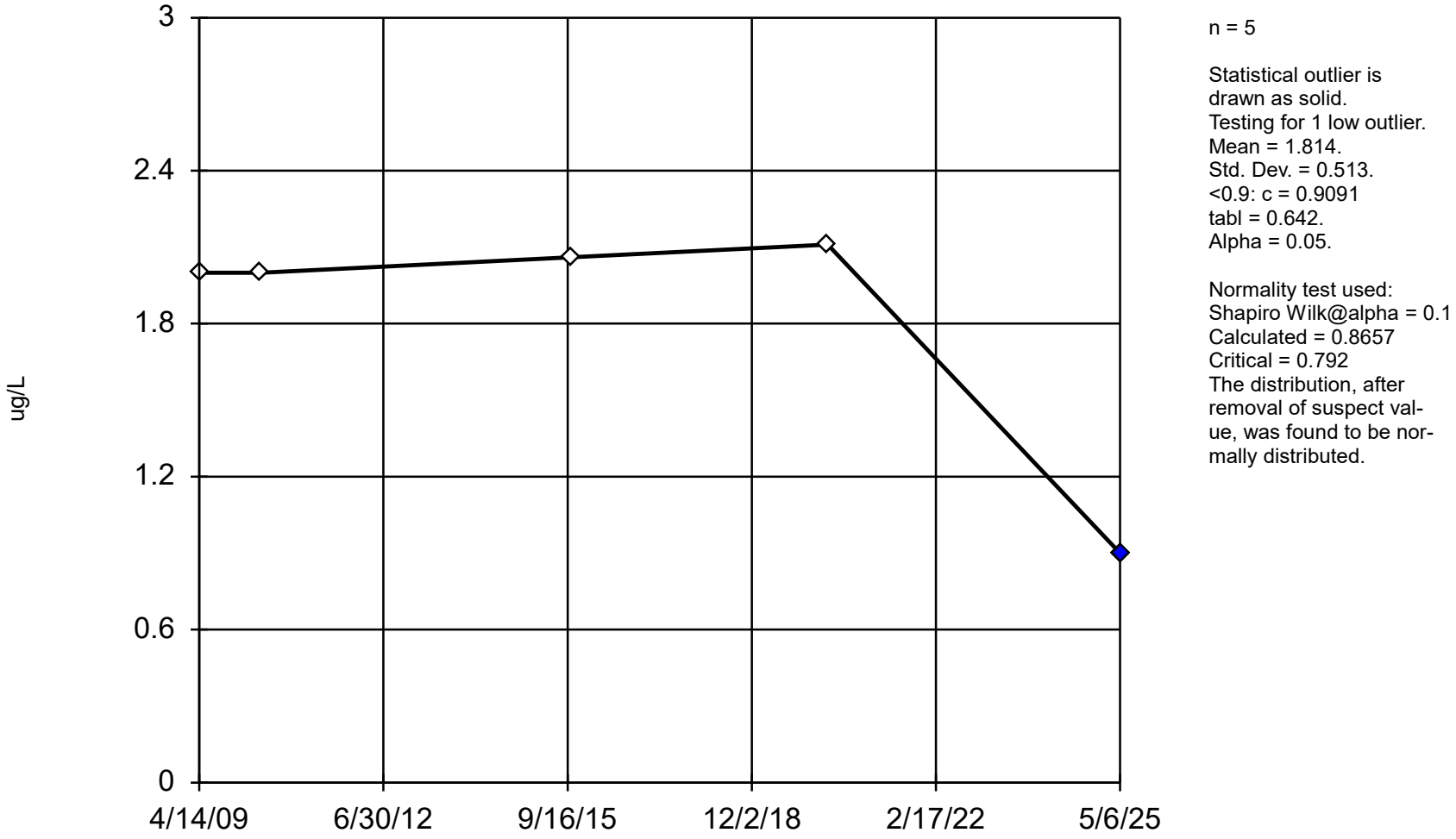
Constituent: Phenol Analysis Run 7/1/2026 4:12 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-5B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 1.814.
Std. Dev. = 0.513.
<0.9: c = 0.9091
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8657
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Toxaphene Analysis Run 7/1/2026 4:14 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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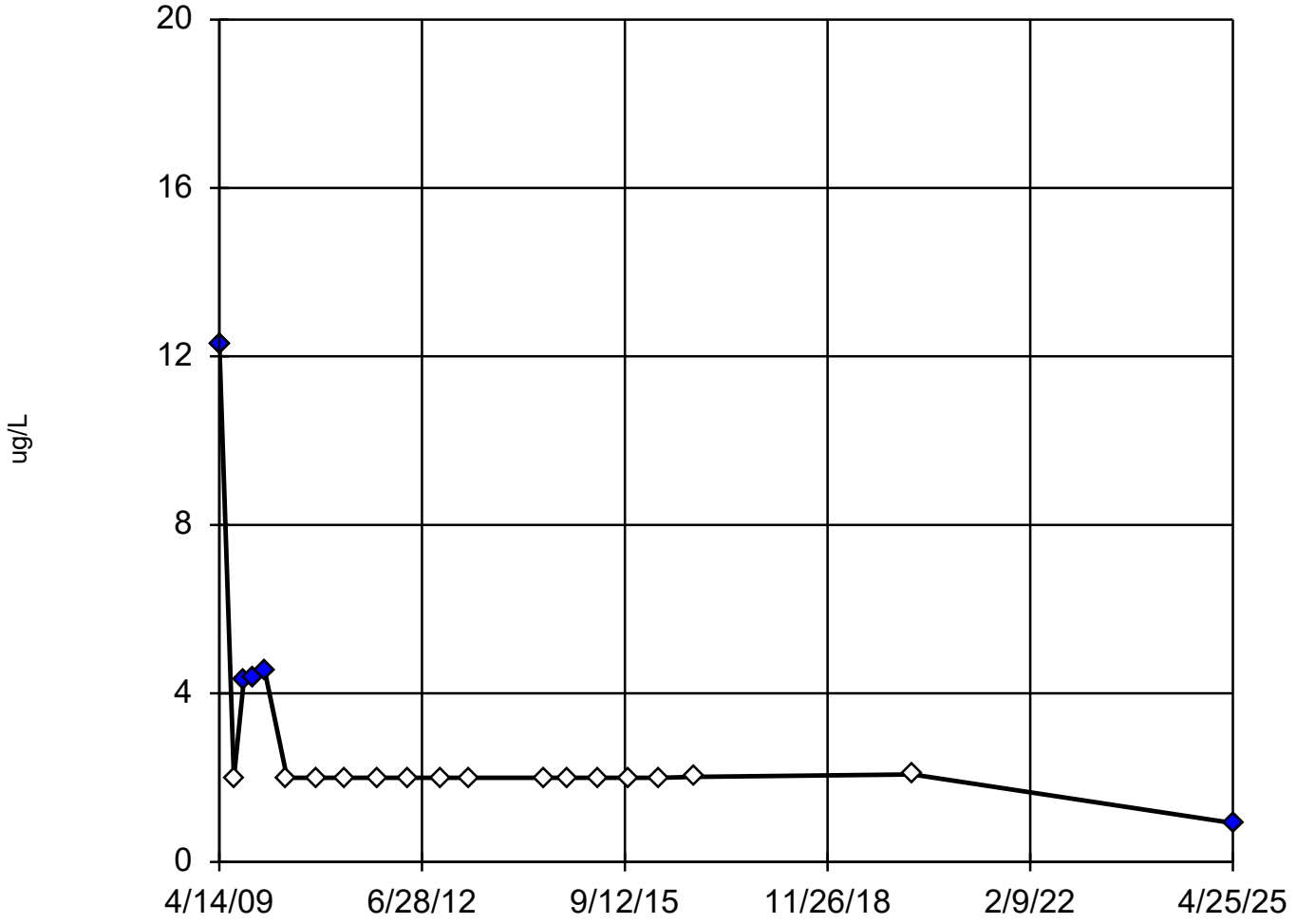
Tukey's Outlier Screening

MW-8B



n = 20

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.207, low cutoff = 1.858, based on IQR multiplier of 3.

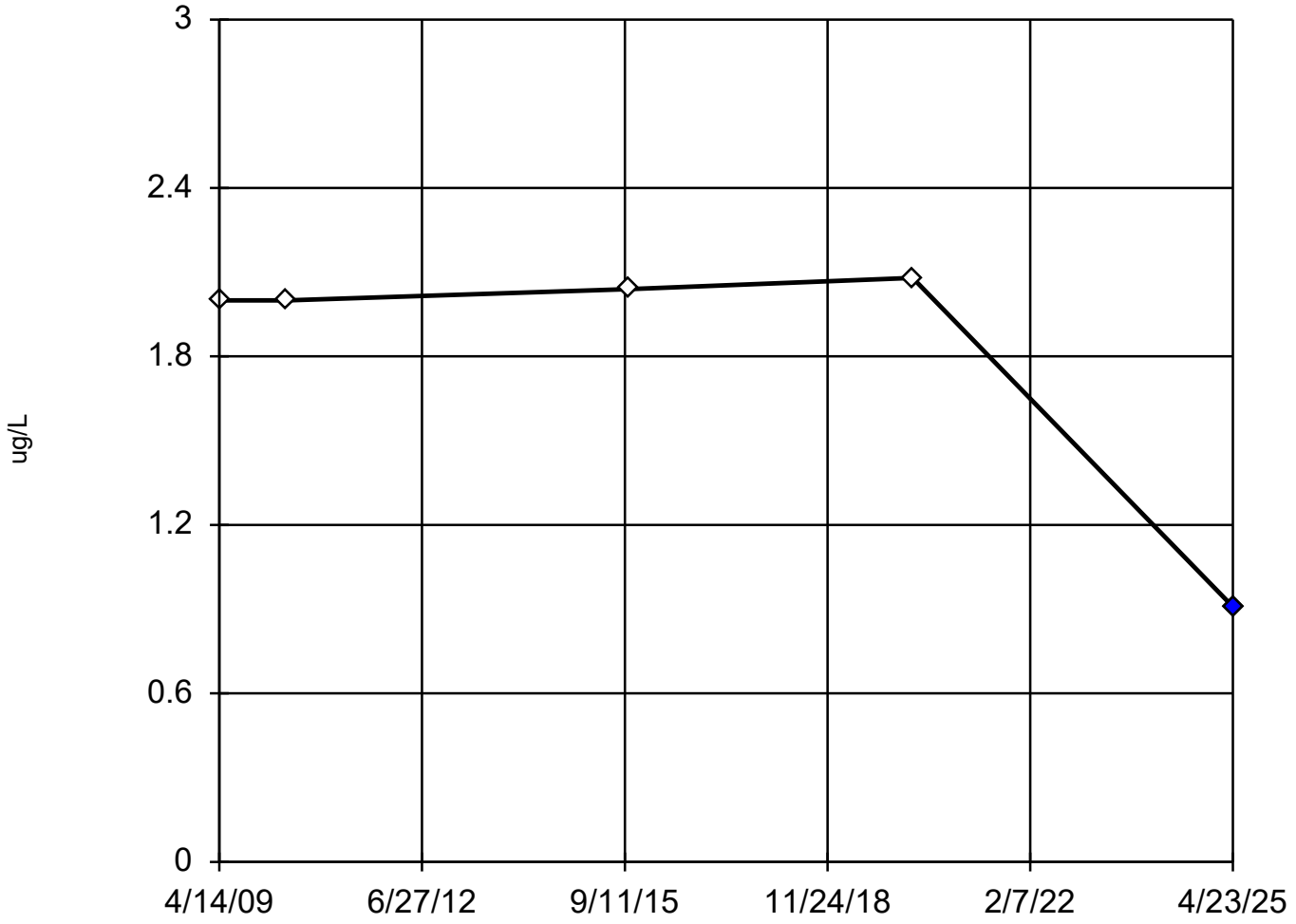
Constituent: Toxaphene Analysis Run 7/1/2026 4:14 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-17A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 1.806.
Std. Dev. = 0.5024.
<0.909: c = 0.9317
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8648
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

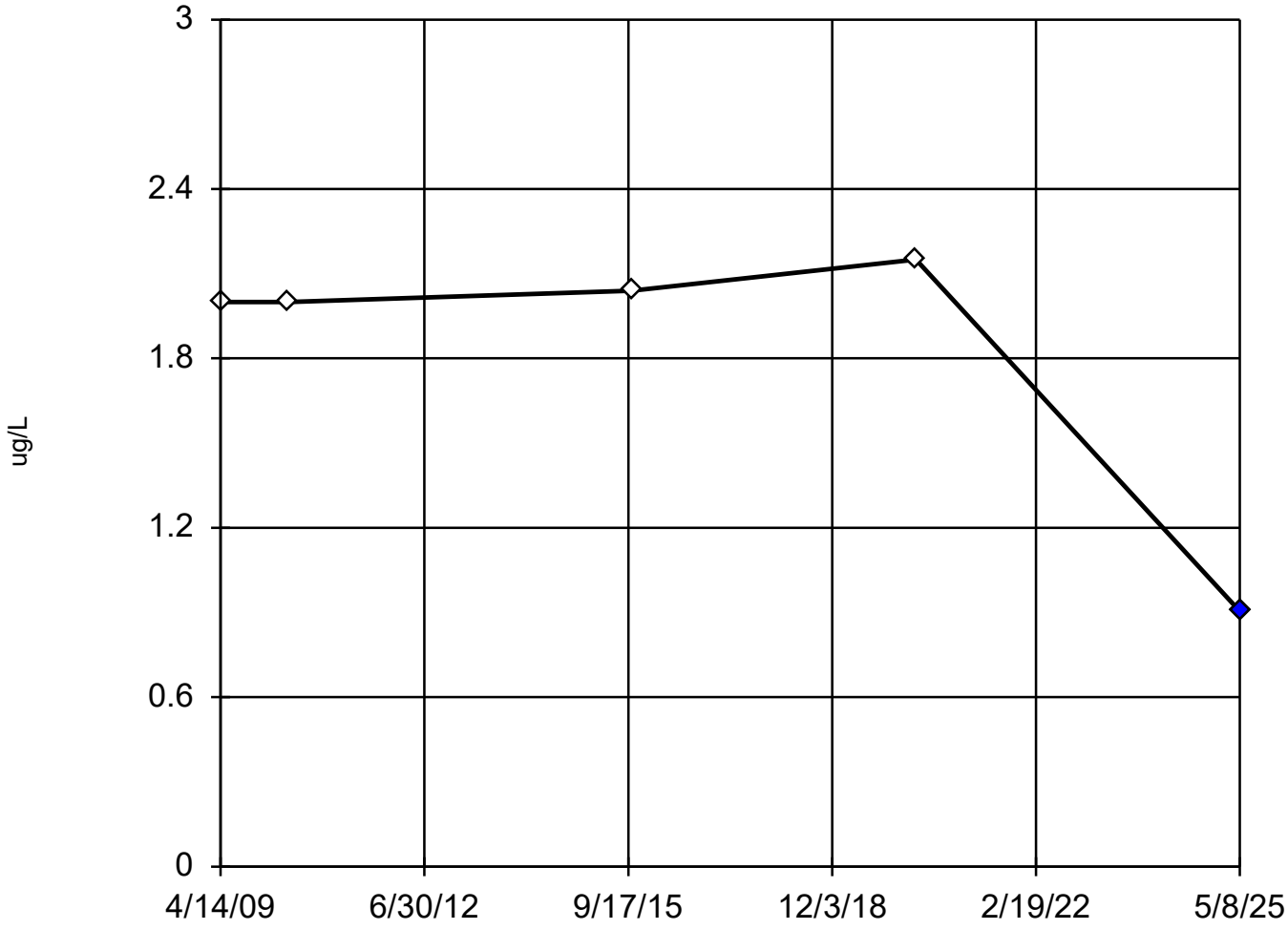
Constituent: Toxaphene Analysis Run 7/1/2026 4:14 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-25A-00



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 1.819.
Std. Dev. = 0.5151.
<0.904: c = 0.8796
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.7996
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

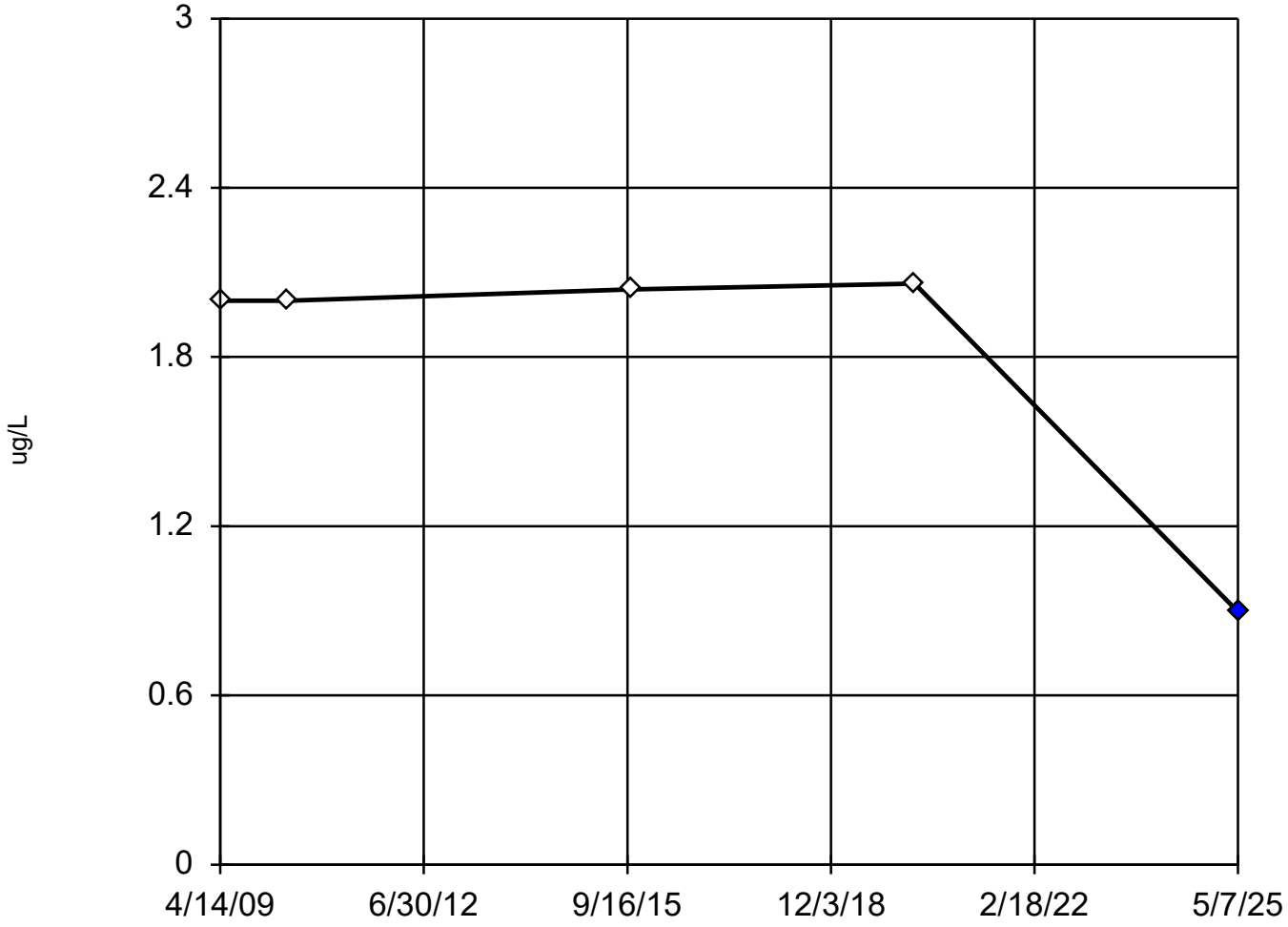
Constituent: Toxaphene Analysis Run 7/1/2026 4:14 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Dixon's Outlier Test

MW-31B



n = 5

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 1.799.
Std. Dev. = 0.5051.
<0.897: c = 0.9484
tabl = 0.642.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8512
Critical = 0.792
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Toxaphene Analysis Run 7/1/2026 4:15 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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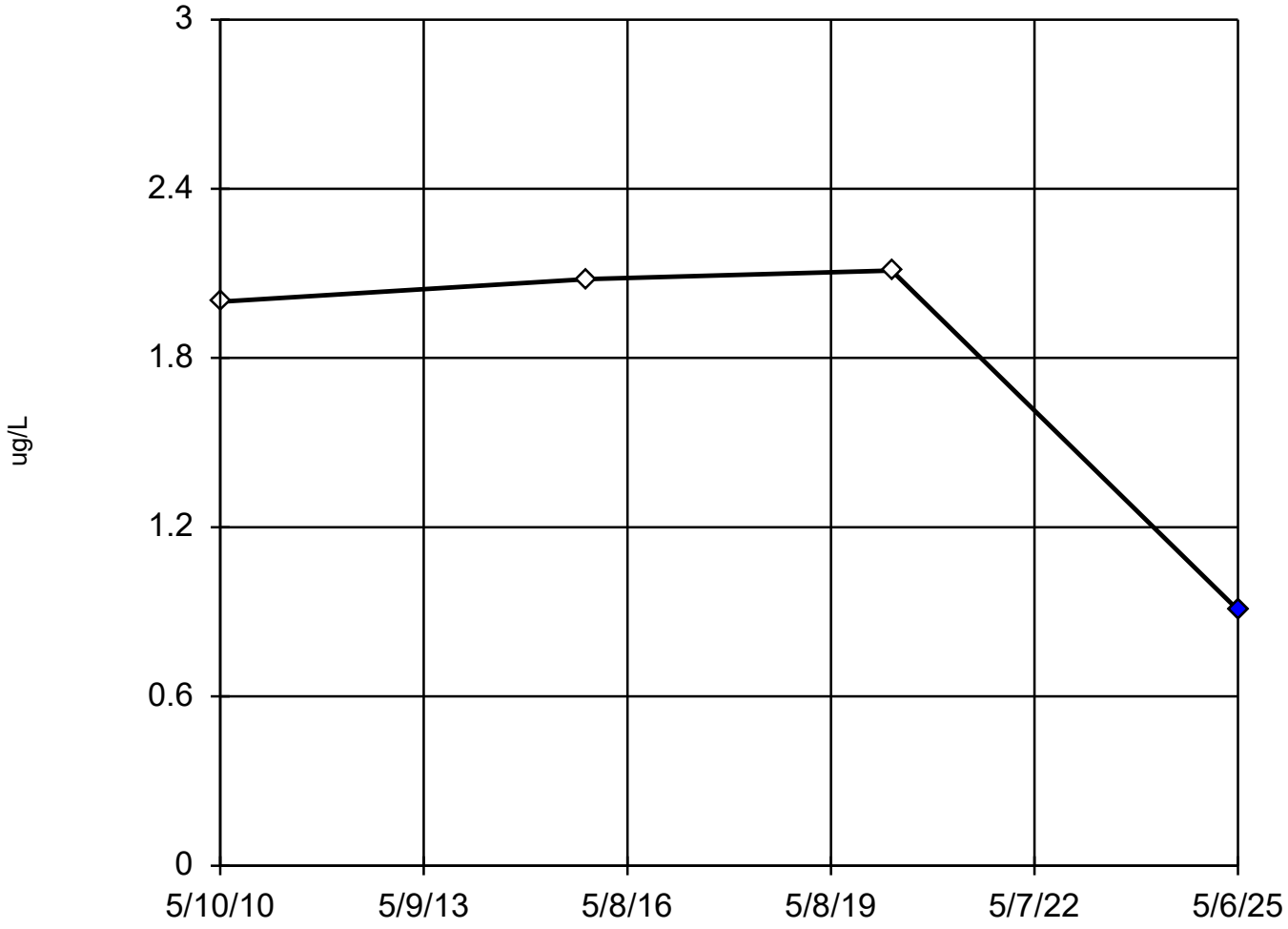
Dixon's Outlier Test

MW-201A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 1.774.
Std. Dev. = 0.58.
<0.907: c = 0.9086
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9355
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Toxaphene Analysis Run 7/1/2026 4:15 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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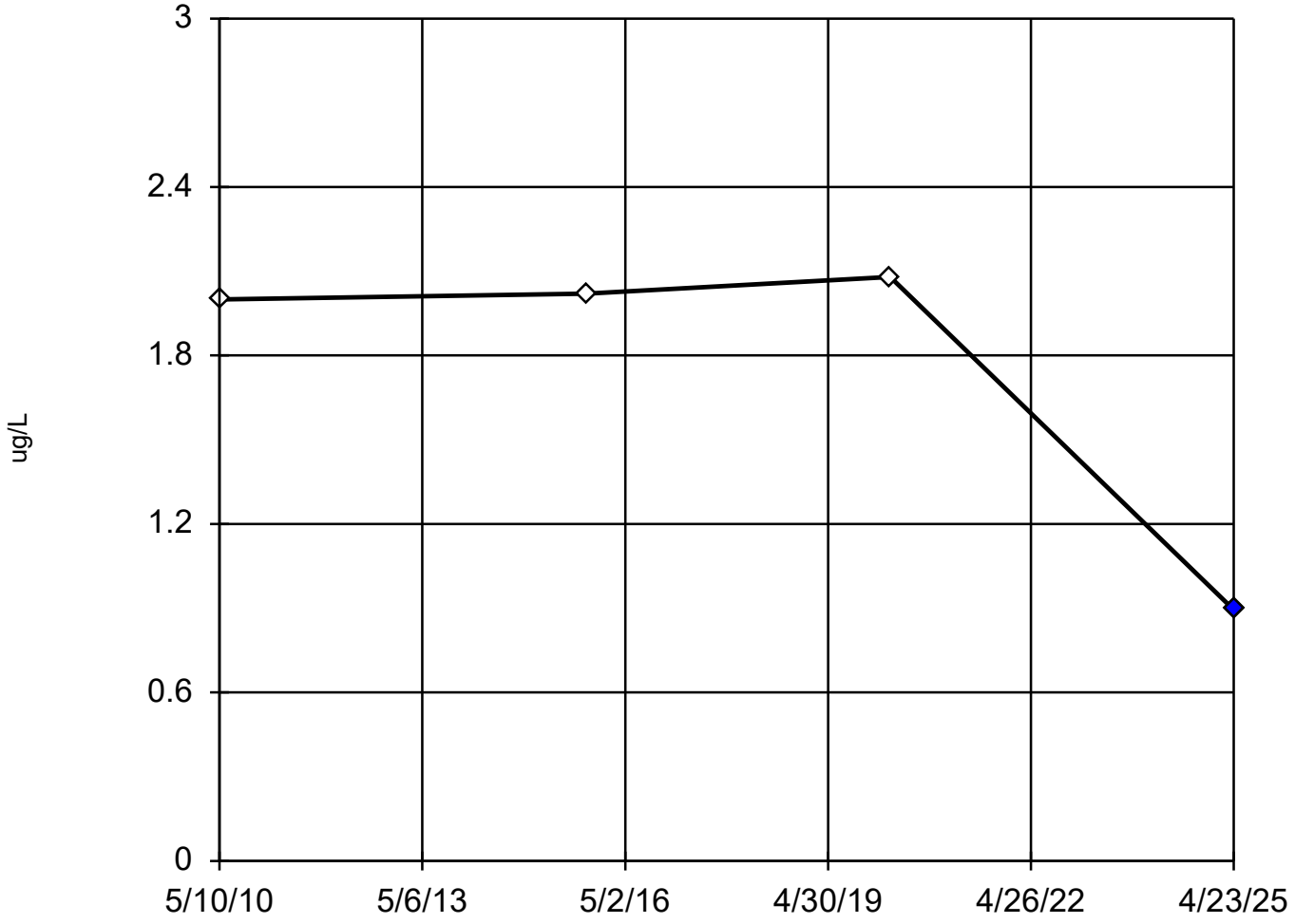
Dixon's Outlier Test

MW-202A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 1.749.
Std. Dev. = 0.5702.
<0.895: c = 0.9325
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9231
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Toxaphene Analysis Run 7/1/2026 4:15 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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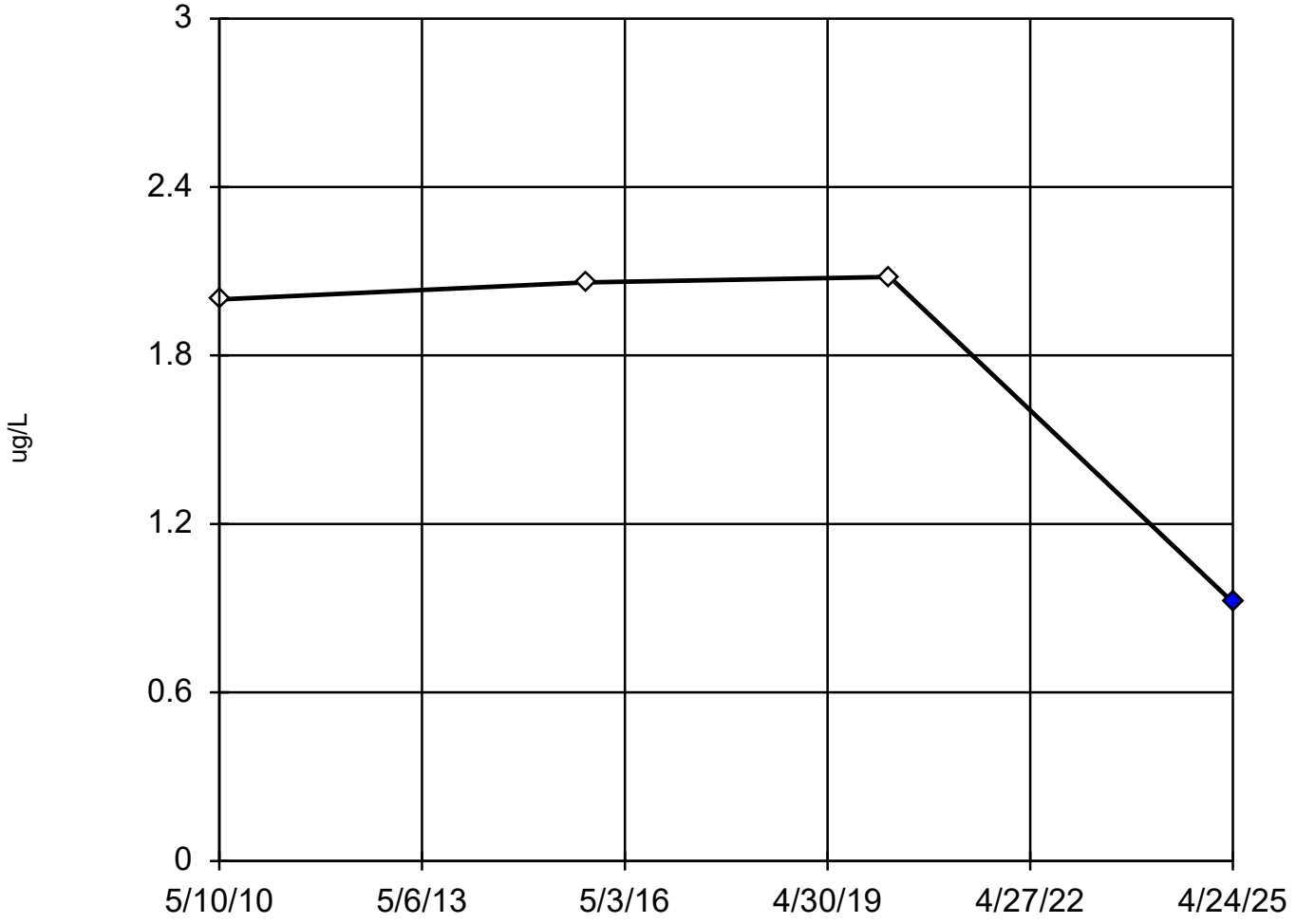
Dixon's Outlier Test

MW-204A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 1.765.
Std. Dev. = 0.5639.
<0.921: c = 0.931
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9231
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Toxaphene Analysis Run 7/1/2026 4:15 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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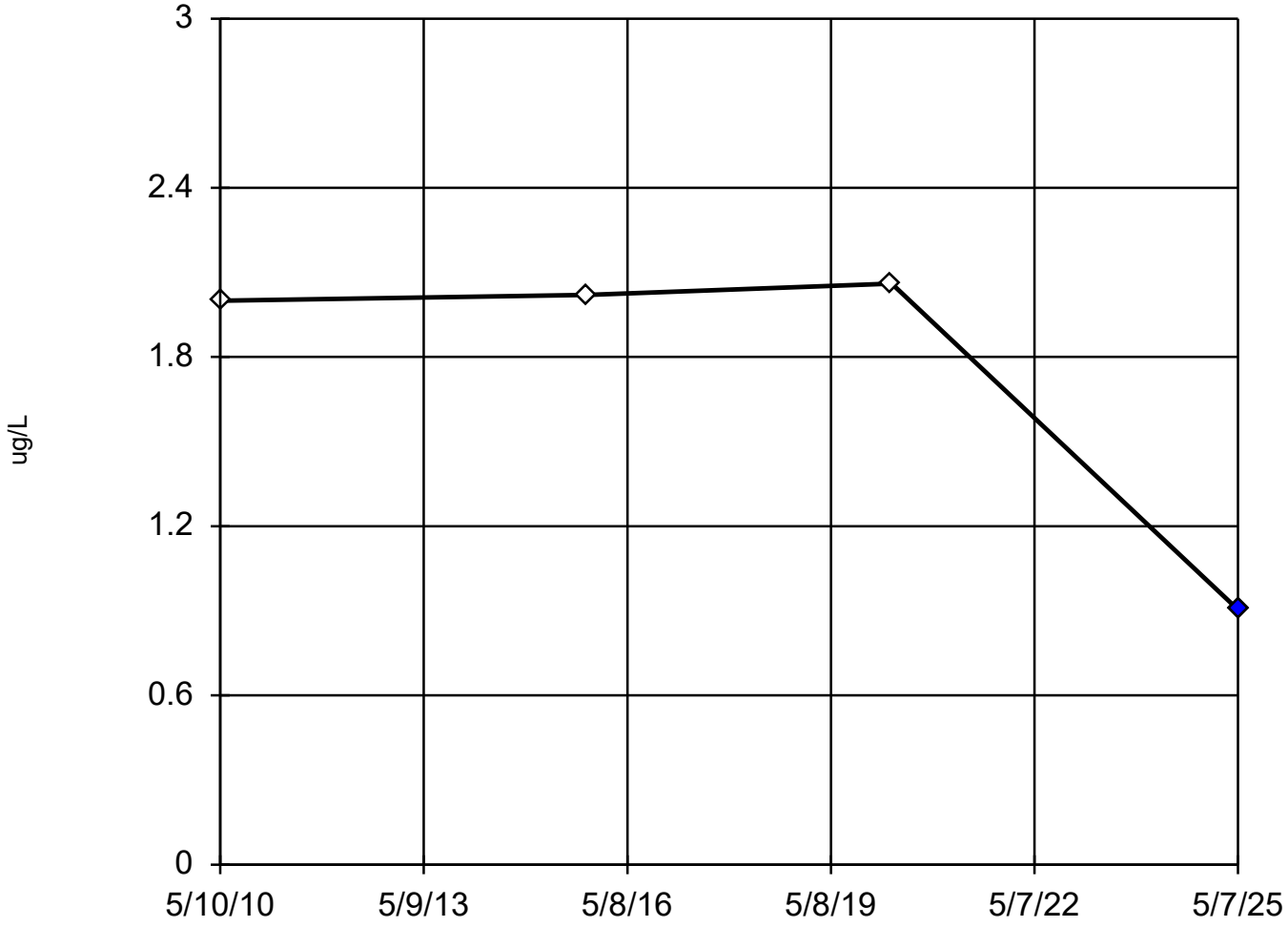
Dixon's Outlier Test

MW-215A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 1.746.
Std. Dev. = 0.5619.
<0.904: c = 0.9481
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Toxaphene Analysis Run 7/1/2026 4:15 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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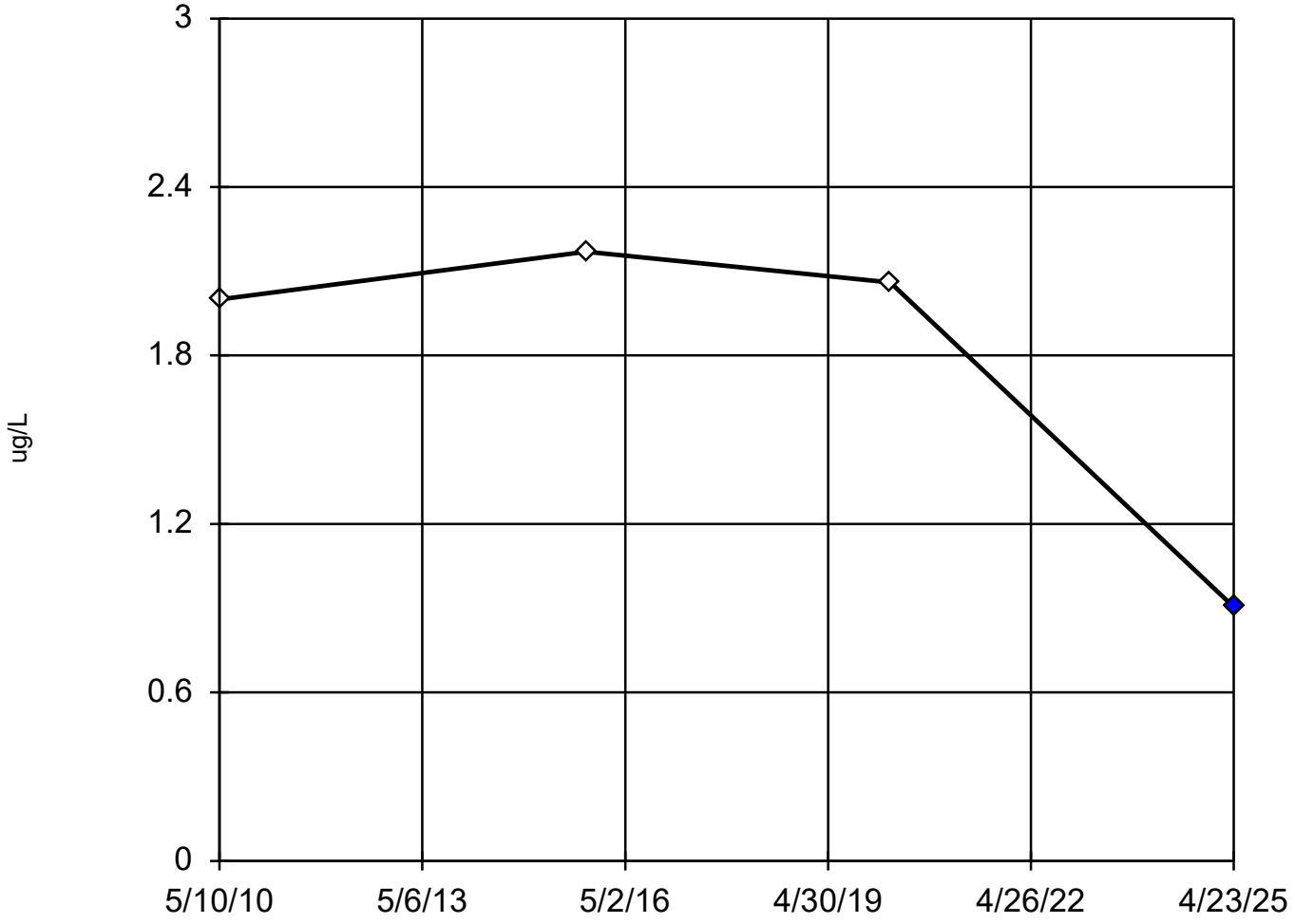
Dixon's Outlier Test

MW-214A



n = 4

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 1.784.
Std. Dev. = 0.5905.
<0.904: c = 0.8657
tabl = 0.765.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.972
Critical = 0.789
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Toxaphene Analysis Run 7/1/2026 4:15 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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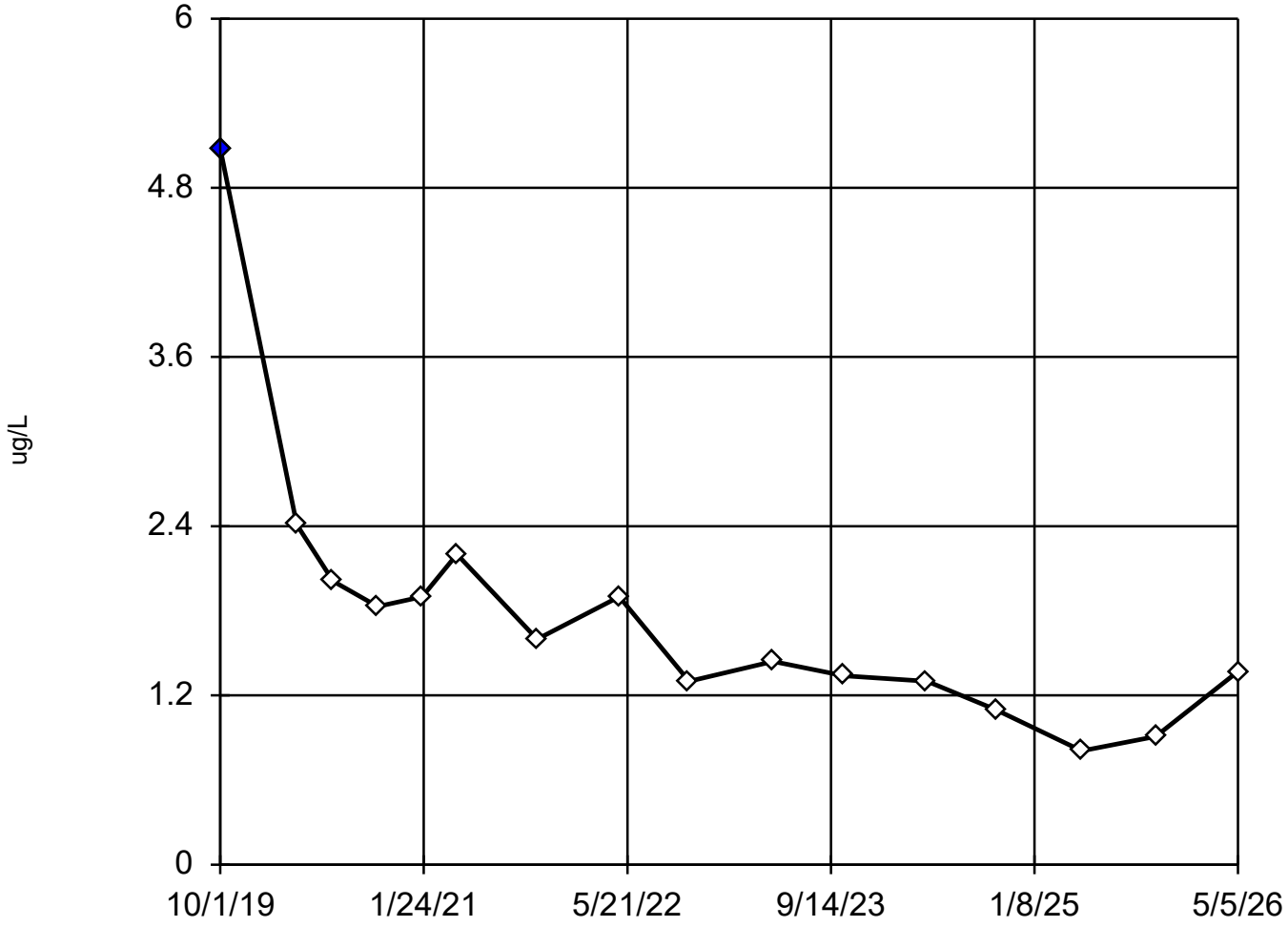
Dixon's Outlier Test

MW-18AR



n = 16

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 1.781.
Std. Dev. = 0.9895.
5.08 (o): c = 0.7236
tabl = 0.507.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9686
Critical = 0.901
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Trichloroethene Analysis Run 7/1/2026 4:17 PM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:31 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
1,1,1-Trichloroethane (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.7993	0.3485	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	1.103	0.5571	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	1.073	0.5722	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	1.071	0.5628	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.8119	0.3404	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9208	0.2363	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9997	0.5683	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	1.257	1.627	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.179	0.7957	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.386	1.756	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.185	0.8095	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.086	0.5814	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	1.081	0.6038	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	1.185	0.8095	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9997	0.5766	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.083	0.5712	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.4	1.787	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	1.414	1.819	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9059	0.2554	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9059	0.2554	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9059	0.2554	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9059	0.2554	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9059	0.2554	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	1.071	0.5628	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.076	0.5822	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	1.021	0.536	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9997	0.5454	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8328	0.3255	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.8229	0.3328	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9998	0.5251	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	1.287	1.563	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9465	0.1916	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9465	0.1916	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.699	0.3942	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.699	0.3942	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	1.073	0.5722	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.073	0.5722	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	1.076	0.5822	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.804	0.339	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	33	1.412	0.9122	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	30	0.9267	0.2433	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9748	0.1401	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.7074	0.3217	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9025	0.2552	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9183	0.2357	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	1.258	1.105	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9731	0.1448	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.948	0.1944	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9721	0.1474	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9786	0.1134	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:31 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
1,1-Dichloroethane (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9711	0.1501	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9721	0.1474	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.916	0.2388	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9793	0.1114	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9721	0.1474	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9711	0.1501	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9081	0.2485	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9081	0.2485	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9081	0.2485	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9081	0.2485	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9081	0.2485	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9748	0.1401	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9731	0.1448	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9432	0.1982	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9246	0.2273	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8367	0.3167	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.8271	0.3237	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.93	0.2197	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	40	0.9655	0.1537	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9469	0.1892	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.918	0.2333	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.706	0.3831	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.706	0.3831	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.974	0.1424	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	30	1.488	0.4584	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-8B	No	n/a	n/a	EPA 1989	0.05	33	3.479	2.936	ln(x)	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.8707	0.2504	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	1.034	0.1857	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9797	0.1114	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9864	0.2599	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.8787	0.244	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9647	0.2462	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9461	0.171	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9731	0.2487	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.013	0.2209	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.986	0.2673	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9133	0.2171	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9757	0.1089	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	1.014	0.2293	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	1.014	0.225	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9446	0.1733	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9962	0.02043	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9782	0.1153	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9774	0.1174	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9394	0.1806	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9394	0.1806	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9394	0.1806	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9394	0.1806	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9394	0.1806	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9803	0.1096	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:31 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
1,2-Dichloroethane (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.013	0.2209	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9913	0.2177	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9503	0.1648	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8922	0.2325	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.8859	0.2381	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9776	0.2267	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	0.9805	0.1014	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9723	0.1207	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9723	0.1207	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.806	0.2891	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.806	0.2891	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	1.013	0.2171	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.013	0.2171	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9577	0.3064	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.8127	0.3226	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	29	1	0	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9757	0.1333	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	1.009	0.2259	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.8244	0.3151	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9261	0.219	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9219	0.2245	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9197	0.2274	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9748	0.1356	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9748	0.1356	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.026	0.246	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9779	0.1172	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.973	0.1405	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9739	0.138	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9197	0.2274	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9786	0.1151	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9739	0.138	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.973	0.1405	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9122	0.2367	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9122	0.2367	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9122	0.2367	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9122	0.2367	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9122	0.2367	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9765	0.1311	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9748	0.1356	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9453	0.19	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9279	0.2165	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8439	0.3014	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.8347	0.3081	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9331	0.2092	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	0.9635	0.1553	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9481	0.1841	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9481	0.1841	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.719	0.3642	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.719	0.3642	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9757	0.1333	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:31 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
1,2-Dichloropropane (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9757	0.1333	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9748	0.1356	unknown	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-12B	No	n/a	n/a	EPA 1989	0.05	4	0.46	0.4431	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-14B	No	n/a	n/a	EPA 1989	0.05	5	0.5568	0.4646	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-17A-00	No	n/a	n/a	EPA 1989	0.05	5	0.5567	0.4644	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-1B	No	n/a	n/a	EPA 1989	0.05	5	0.5567	0.4617	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-201A	No	n/a	n/a	NP (n)	NaN	4	0.6586	0.4972	unknown	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-202A	No	n/a	n/a	NP (n)	NaN	4	0.6486	0.4868	unknown	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-203A	No	n/a	n/a	Dixon`s	0.05	4	0.6509	0.4902	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-204A	No	n/a	n/a	NP (n)	NaN	4	0.6459	0.4844	unknown	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-205A	n/a	n/a	n/a	EPA 1989	0.05	4	0.515	0.4086	unknown	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-208B	No	n/a	n/a	EPA 1989	0.05	4	3.211	5.016	ln(x)	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-210B	No	n/a	n/a	NP (n)	NaN	4	0.633	0.4829	unknown	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-213A	No	n/a	n/a	Dixon`s	0.05	4	0.52	0.4004	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-214A	No	n/a	n/a	NP (n)	NaN	4	0.6411	0.4789	unknown	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-215A	No	n/a	n/a	NP (n)	NaN	4	0.6458	0.4846	unknown	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-23A	No	n/a	n/a	EPA 1989	0.05	5	0.6187	0.5526	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-24A	No	n/a	n/a	EPA 1989	0.05	5	0.573	0.4849	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-25A-00	No	n/a	n/a	EPA 1989	0.05	5	0.5688	0.4797	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-29A	No	n/a	n/a	EPA 1989	0.05	7	0.4179	0.4542	ln(x)	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-31B	No	n/a	n/a	EPA 1989	0.05	5	0.5586	0.4761	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	10	0.536	0.3627	unknown	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-5B	No	n/a	n/a	EPA 1989	0.05	5	0.5588	0.4668	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-7B1	No	n/a	n/a	EPA 1989	0.05	5	0.5529	0.4591	normal	ShapiroWilk
2,4,5-TP [Silvex] (ug/L)	MW-8B	No	n/a	n/a	EPA 1989	0.05	5	0.561	0.4662	normal	ShapiroWilk
2,4-Dimethylphenol (ug/L)	MW-12B	No	n/a	n/a	EPA 1989	0.05	4	9.75	1.258	normal	ShapiroWilk
2,4-Dimethylphenol (ug/L)	MW-14B	No	n/a	n/a	Dixon`s	0.05	5	10.22	6.859	normal	ShapiroWilk
2,4-Dimethylphenol (ug/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.281	4.296	unknown	ShapiroWilk
2,4-Dimethylphenol (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	8.201	4.25	unknown	ShapiroWilk
2,4-Dimethylphenol (ug/L)	**MW-201A**	**Yes**	**0.604**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**7.951**	**4.909**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	**MW-202A**	**Yes**	**0.604**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**7.901**	**4.871**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	7.904	4.864	unknown	ShapiroWilk
2,4-Dimethylphenol (ug/L)	**MW-204A**	**Yes**	**0.604**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**7.751**	**4.766**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	MW-205A	No	n/a	n/a	NP (nrm)	NaN	4	7.157	4.453	unknown	ShapiroWilk
2,4-Dimethylphenol (ug/L)	**MW-208B**	**Yes**	**0.592**	**4/25/2025**	**Dixon`s**	**0.05**	**4**	**7.973**	**4.934**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	7.745	4.78	unknown	ShapiroWilk
2,4-Dimethylphenol (ug/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	4	7.151	4.465	unknown	ShapiroWilk
2,4-Dimethylphenol (ug/L)	**MW-214A**	**Yes**	**0.604**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**8.026**	**4.969**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	**MW-215A**	**Yes**	**0.617**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**7.779**	**4.778**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	**MW-219A**	**Yes**	**443**	**7/10/2013**	**Dixon`s**	**0.05**	**6**	**82.38**	**176.7**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	8.274	4.321	unknown	ShapiroWilk
2,4-Dimethylphenol (ug/L)	**MW-24A**	**Yes**	**0.592**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.278**	**4.302**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.323	4.315	unknown	ShapiroWilk
2,4-Dimethylphenol (ug/L)	**MW-29A**	**Yes**	**0.592**	**5/5/2025**	**Dixon`s**	**0.05**	**5**	**8.198**	**4.254**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	**MW-31B**	**Yes**	**0.617**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.343**	**4.332**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	**MW-5B**	**Yes**	**0.604**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**8.261**	**4.284**	**normal**	**ShapiroWilk**
2,4-Dimethylphenol (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	8.201	4.25	unknown	ShapiroWilk
2,4-Dimethylphenol (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	8.161	4.225	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	7.647	3.512	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	9.655	1.289	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:31 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
2-Butanone [MEK] (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	9.57	1.68	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	9.584	1.654	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	7.169	3.44	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	8.939	2.536	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	8.881	2.595	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	8.849	2.626	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.555	1.708	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.555	1.708	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	9.539	1.737	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	9.407	1.761	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	9.522	1.768	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	9.539	1.737	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	8.849	2.626	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.428	1.733	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	9.539	1.737	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	9.522	1.768	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	8.791	2.762	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	8.741	2.724	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	8.741	2.724	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	8.741	2.724	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	8.741	2.724	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	9.584	1.654	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.555	1.708	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	9.147	2.271	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	8.967	2.509	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	8.039	3.313	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	7.924	3.377	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	9.04	2.43	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	9.473	1.831	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	9.25	2.157	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	9.25	2.157	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	6.47	3.818	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	6.47	3.818	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	9.57	1.68	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	9.57	1.68	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	9.555	1.708	unknown	ShapiroWilk
2-Methylnaphthalene (ug/L)	MW-12B	No	n/a	n/a	EPA 1989	0.05	4	9.75	1.258	normal	ShapiroWilk
2-Methylnaphthalene (ug/L)	MW-14B	No	n/a	n/a	Dixon`s	0.05	5	10.22	6.855	normal	ShapiroWilk
2-Methylnaphthalene (ug/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.283	4.291	unknown	ShapiroWilk
2-Methylnaphthalene (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	8.203	4.245	unknown	ShapiroWilk
2-Methylnaphthalene (ug/L)	**MW-201A**	**Yes**	**0.615**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**7.954**	**4.903**	**normal**	**ShapiroWilk**
2-Methylnaphthalene (ug/L)	**MW-202A**	**Yes**	**0.615**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**7.904**	**4.866**	**normal**	**ShapiroWilk**
2-Methylnaphthalene (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	7.907	4.858	unknown	ShapiroWilk
2-Methylnaphthalene (ug/L)	**MW-204A**	**Yes**	**0.615**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**7.754**	**4.761**	**normal**	**ShapiroWilk**
2-Methylnaphthalene (ug/L)	MW-205A	No	n/a	n/a	NP (nrm)	NaN	4	7.16	4.447	unknown	ShapiroWilk
2-Methylnaphthalene (ug/L)	**MW-208B**	**Yes**	**0.602**	**4/25/2025**	**Dixon`s**	**0.05**	**4**	**7.975**	**4.929**	**normal**	**ShapiroWilk**
2-Methylnaphthalene (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	7.747	4.775	unknown	ShapiroWilk
2-Methylnaphthalene (ug/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	4	7.154	4.46	unknown	ShapiroWilk
2-Methylnaphthalene (ug/L)	**MW-214A**	**Yes**	**0.615**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**8.029**	**4.963**	**normal**	**ShapiroWilk**
2-Methylnaphthalene (ug/L)	**MW-215A**	**Yes**	**0.628**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**7.782**	**4.772**	**normal**	**ShapiroWilk**

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:32 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
2-Methylnaphthalene (ug/L)	**MW-219A**	**Yes**	**156**	**7/10/2013**	**Dixon`s**	**0.05**	**6**	**34.55**	**59.5**	**normal**	**ShapiroWilk**
2-Methylnaphthalene (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	8.276	4.317	unknown	ShapiroWilk
2-Methylnaphthalene (ug/L)	**MW-24A**	**Yes**	**0.602**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.28**	**4.298**	**normal**	**ShapiroWilk**
2-Methylnaphthalene (ug/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.326	4.31	unknown	ShapiroWilk
2-Methylnaphthalene (ug/L)	**MW-29A**	**Yes**	**0.602**	**5/5/2025**	**Dixon`s**	**0.05**	**5**	**8.2**	**4.249**	**normal**	**ShapiroWilk**
2-Methylnaphthalene (ug/L)	**MW-31B**	**Yes**	**0.628**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.346**	**4.327**	**normal**	**ShapiroWilk**
2-Methylnaphthalene (ug/L)	**MW-5B**	**Yes**	**0.615**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**8.263**	**4.279**	**normal**	**ShapiroWilk**
2-Methylnaphthalene (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	8.203	4.245	unknown	ShapiroWilk
2-Methylnaphthalene (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	8.163	4.22	unknown	ShapiroWilk
2-Methylphenol (ug/L)	MW-12B	No	n/a	n/a	EPA 1989	0.05	4	9.75	1.258	normal	ShapiroWilk
2-Methylphenol (ug/L)	MW-14B	No	n/a	n/a	Dixon`s	0.05	5	10.24	6.833	normal	ShapiroWilk
2-Methylphenol (ug/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.295	4.264	unknown	ShapiroWilk
2-Methylphenol (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	8.215	4.218	unknown	ShapiroWilk
2-Methylphenol (ug/L)	**MW-201A**	**Yes**	**0.677**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**7.969**	**4.872**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	**MW-202A**	**Yes**	**0.677**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**7.919**	**4.835**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	7.923	4.827	unknown	ShapiroWilk
2-Methylphenol (ug/L)	**MW-204A**	**Yes**	**0.677**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**7.769**	**4.73**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	MW-205A	No	n/a	n/a	NP (nrm)	NaN	4	7.177	4.415	unknown	ShapiroWilk
2-Methylphenol (ug/L)	**MW-208B**	**Yes**	**0.663**	**4/25/2025**	**Dixon`s**	**0.05**	**4**	**7.991**	**4.899**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	7.762	4.745	unknown	ShapiroWilk
2-Methylphenol (ug/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	4	7.169	4.43	unknown	ShapiroWilk
2-Methylphenol (ug/L)	**MW-214A**	**Yes**	**0.677**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**8.044**	**4.932**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	**MW-215A**	**Yes**	**0.691**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**7.798**	**4.741**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	**MW-219A**	**Yes**	**1780**	**7/10/2013**	**Dixon`s**	**0.05**	**6**	**305.2**	**722.5**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	8.287	4.291	unknown	ShapiroWilk
2-Methylphenol (ug/L)	**MW-24A**	**Yes**	**0.663**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.293**	**4.27**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.338	4.282	unknown	ShapiroWilk
2-Methylphenol (ug/L)	**MW-29A**	**Yes**	**0.663**	**5/5/2025**	**Dixon`s**	**0.05**	**5**	**8.213**	**4.222**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	**MW-31B**	**Yes**	**0.691**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.358**	**4.299**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	**MW-5B**	**Yes**	**0.677**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**8.275**	**4.251**	**normal**	**ShapiroWilk**
2-Methylphenol (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	8.215	4.218	unknown	ShapiroWilk
2-Methylphenol (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	8.175	4.193	unknown	ShapiroWilk
4,4`-DDD (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	0.03693	0.008753	unknown	ShapiroWilk
4,4`-DDD (ug/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	0.03058	0.004538	unknown	ShapiroWilk
4,4`-DDD (ug/L)	**MW-17A-00**	**Yes**	**0.0227**	**4/23/2025**	**Dixon`s**	**0.05**	**5**	**0.03054**	**0.004416**	**normal**	**ShapiroWilk**
4,4`-DDD (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.03038	0.004385	unknown	ShapiroWilk
4,4`-DDD (ug/L)	**MW-201A**	**Yes**	**0.0227**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**0.03043**	**0.005201**	**normal**	**ShapiroWilk**
4,4`-DDD (ug/L)	**MW-202A**	**Yes**	**0.0224**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**0.03**	**0.005097**	**normal**	**ShapiroWilk**
4,4`-DDD (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	0.02998	0.004955	unknown	ShapiroWilk
4,4`-DDD (ug/L)	**MW-204A**	**Yes**	**0.023**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**0.03033**	**0.004915**	**normal**	**ShapiroWilk**
4,4`-DDD (ug/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	0.02694	0.01824	normal	ShapiroWilk
4,4`-DDD (ug/L)	**MW-208B**	**Yes**	**0.0381,...**	**10/5/2015...**	**Dixon`s**	**0.05**	**15**	**0.04789**	**0.07077**	**normal**	**ShapiroWilk**
4,4`-DDD (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	0.03008	0.005047	unknown	ShapiroWilk
4,4`-DDD (ug/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	0.03295	0.01319	normal	ShapiroWilk
4,4`-DDD (ug/L)	**MW-214A**	**Yes**	**0.0226**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**0.0306**	**0.005458**	**normal**	**ShapiroWilk**
4,4`-DDD (ug/L)	**MW-215A**	**Yes**	**0.0226**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**0.02998**	**0.004934**	**normal**	**ShapiroWilk**
4,4`-DDD (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	0.03068	0.004926	unknown	ShapiroWilk
4,4`-DDD (ug/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	0.0304	0.004341	unknown	ShapiroWilk
4,4`-DDD (ug/L)	**MW-25A-00**	**Yes**	**0.0226**	**5/8/2025**	**Dixon`s**	**0.05**	**5**	**0.03074**	**0.004655**	**normal**	**ShapiroWilk**
4,4`-DDD (ug/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	0.03048	0.004571	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:32 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
4,4`-DDD (ug/L)	**MW-31B**	**Yes**	**0.0224**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**0.03042**	**0.004505**	**normal**	**ShapiroWilk**
4,4`-DDD (ug/L)	**MW-5B**	**Yes**	**0.0225**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**0.03064**	**0.004607**	**normal**	**ShapiroWilk**
4,4`-DDD (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	6	0.0307	0.003856	unknown	ShapiroWilk
4,4`-DDD (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	7	0.02687	0.006829	unknown	ShapiroWilk
4,4`-DDT (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	0.03693	0.008753	unknown	ShapiroWilk
4,4`-DDT (ug/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	0.02968	0.006527	unknown	ShapiroWilk
4,4`-DDT (ug/L)	**MW-17A-00**	**Yes**	**0.0182**	**4/23/2025**	**Dixon`s**	**0.05**	**5**	**0.02964**	**0.006418**	**normal**	**ShapiroWilk**
4,4`-DDT (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.02948	0.006386	unknown	ShapiroWilk
4,4`-DDT (ug/L)	**MW-201A**	**Yes**	**0.0181**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**0.02928**	**0.007485**	**normal**	**ShapiroWilk**
4,4`-DDT (ug/L)	**MW-202A**	**Yes**	**0.0179**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**0.02888**	**0.007338**	**normal**	**ShapiroWilk**
4,4`-DDT (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	0.02883	0.007243	unknown	ShapiroWilk
4,4`-DDT (ug/L)	**MW-204A**	**Yes**	**0.0184**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**0.02918**	**0.007205**	**normal**	**ShapiroWilk**
4,4`-DDT (ug/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	0.02693	0.01789	normal	ShapiroWilk
4,4`-DDT (ug/L)	**MW-208B**	**Yes**	**0.00895...**	**4/4/2016,...**	**NP (nrm)**	**NaN**	**20**	**0.03612**	**0.01726**	**unknown**	**ShapiroWilk**
4,4`-DDT (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	0.02895	0.007278	unknown	ShapiroWilk
4,4`-DDT (ug/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	0.0322	0.01437	normal	ShapiroWilk
4,4`-DDT (ug/L)	**MW-214A**	**Yes**	**0.0181**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**0.02948**	**0.007671**	**normal**	**ShapiroWilk**
4,4`-DDT (ug/L)	**MW-215A**	**Yes**	**0.0181**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**0.02885**	**0.007179**	**normal**	**ShapiroWilk**
4,4`-DDT (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	0.0298	0.006873	unknown	ShapiroWilk
4,4`-DDT (ug/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	0.02948	0.006386	unknown	ShapiroWilk
4,4`-DDT (ug/L)	**MW-25A-00**	**Yes**	**0.0181**	**5/8/2025**	**Dixon`s**	**0.05**	**5**	**0.02984**	**0.006636**	**normal**	**ShapiroWilk**
4,4`-DDT (ug/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	0.02958	0.006567	unknown	ShapiroWilk
4,4`-DDT (ug/L)	**MW-31B**	**Yes**	**0.0179**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**0.02952**	**0.006511**	**normal**	**ShapiroWilk**
4,4`-DDT (ug/L)	**MW-5B**	**Yes**	**0.018**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**0.02974**	**0.006602**	**normal**	**ShapiroWilk**
4,4`-DDT (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	6	0.02993	0.005723	unknown	ShapiroWilk
4,4`-DDT (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	7	0.03024	0.005245	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	6.987	3.467	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	9.655	1.289	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	9.57	1.68	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	9.584	1.654	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	6.55	3.307	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	8.679	2.667	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	8.606	2.723	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	8.566	2.752	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.555	1.708	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.555	1.708	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	9.539	1.737	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	9.411	1.748	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	9.522	1.768	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	9.539	1.737	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	8.566	2.752	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.431	1.72	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	9.539	1.737	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	9.522	1.768	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	**MW-216A**	**Yes**	**1.6**	**5/2/2022**	**NP (nrm)**	**NaN**	**32**	**8.325**	**3.033**	**unknown**	**ShapiroWilk**
4-Methyl-2-pentanone [MIBK] (ug/L)	**MW-217A**	**Yes**	**1.6**	**5/2/2022**	**NP (nrm)**	**NaN**	**32**	**8.325**	**3.033**	**unknown**	**ShapiroWilk**
4-Methyl-2-pentanone [MIBK] (ug/L)	**MW-218A**	**Yes**	**1.3**	**5/2/2022**	**NP (nrm)**	**NaN**	**32**	**8.316**	**3.055**	**unknown**	**ShapiroWilk**
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-219A	No	n/a	n/a	NP (nrm)	NaN	32	8.431	2.844	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-220A	No	n/a	n/a	NP (nrm)	NaN	32	8.431	2.844	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	9.584	1.654	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.555	1.708	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	8.887	2.438	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	8.713	2.64	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	7.489	3.352	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	7.341	3.394	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	8.805	2.564	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	9.261	2.066	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	8.923	2.634	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	9.062	2.296	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	5.48	3.336	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-410	No	n/a	n/a	EPA 1989	0.05	10	5.09	3.615	ln(x)	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	9.57	1.68	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	9.57	1.68	unknown	ShapiroWilk
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	9.555	1.708	unknown	ShapiroWilk
Acetone (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	8.207	3.083	unknown	ShapiroWilk
Acetone (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	9.339	2.006	unknown	ShapiroWilk
Acetone (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	8.783	2.773	unknown	ShapiroWilk
Acetone (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	9.335	2.077	unknown	ShapiroWilk
Acetone (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	8.319	3.012	unknown	ShapiroWilk
Acetone (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	8.944	2.475	unknown	ShapiroWilk
Acetone (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	9.144	2.206	unknown	ShapiroWilk
Acetone (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	8.845	2.58	unknown	ShapiroWilk
Acetone (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.762	1.281	unknown	ShapiroWilk
Acetone (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.565	1.635	unknown	ShapiroWilk
Acetone (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	9.387	1.94	unknown	ShapiroWilk
Acetone (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	9.291	1.834	unknown	ShapiroWilk
Acetone (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	8.703	2.781	unknown	ShapiroWilk
Acetone (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	8.869	2.533	unknown	ShapiroWilk
Acetone (ug/L)	MW-211B	No	n/a	n/a	NP (nrm)	NaN	35	8.468	2.743	unknown	ShapiroWilk
Acetone (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.167	2.165	unknown	ShapiroWilk
Acetone (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	8.985	2.54	unknown	ShapiroWilk
Acetone (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	8.918	2.666	unknown	ShapiroWilk
Acetone (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	8.948	2.485	unknown	ShapiroWilk
Acetone (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	8.755	2.638	unknown	ShapiroWilk
Acetone (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	8.917	2.565	unknown	ShapiroWilk
Acetone (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	8.98	2.415	unknown	ShapiroWilk
Acetone (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	9.159	2.262	unknown	ShapiroWilk
Acetone (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	9.735	2.532	unknown	ShapiroWilk
Acetone (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	9.298	2.105	unknown	ShapiroWilk
Acetone (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	9.07	2.432	unknown	ShapiroWilk
Acetone (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	8.932	2.548	unknown	ShapiroWilk
Acetone (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	8.506	2.881	unknown	ShapiroWilk
Acetone (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	8.418	2.944	unknown	ShapiroWilk
Acetone (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	9.056	2.364	unknown	ShapiroWilk
Acetone (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	9.646	1.504	unknown	ShapiroWilk
Acetone (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	8.588	2.971	unknown	ShapiroWilk
Acetone (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	8.962	2.508	unknown	ShapiroWilk
Acetone (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	7.31	3.479	unknown	ShapiroWilk
Acetone (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	7.31	3.479	unknown	ShapiroWilk
Acetone (ug/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	30	8.308	3.034	unknown	ShapiroWilk

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Acetone (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	9.125	2.29	unknown	ShapiroWilk
Acetone (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	9.623	4.647	unknown	ShapiroWilk
Benzene (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.5253	0.2744	unknown	ShapiroWilk
Benzene (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.5345	0.1289	unknown	ShapiroWilk
Benzene (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.5073	0.1062	unknown	ShapiroWilk
Benzene (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	0.5071	0.1044	unknown	ShapiroWilk
Benzene (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.5862	0.3103	unknown	ShapiroWilk
Benzene (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.5232	0.187	unknown	ShapiroWilk
Benzene (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.5306	0.1855	unknown	ShapiroWilk
Benzene (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.5143	0.2065	unknown	ShapiroWilk
Benzene (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.5076	0.108	unknown	ShapiroWilk
Benzene (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.5076	0.108	unknown	ShapiroWilk
Benzene (ug/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	32	2.683	2.657	unknown	ShapiroWilk
Benzene (ug/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	31	3.361	4.383	ln(x)	ShapiroWilk
Benzene (ug/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	27	0.4109	0.1049	unknown	ShapiroWilk
Benzene (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.5079	0.11	unknown	ShapiroWilk
Benzene (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.5251	0.1949	unknown	ShapiroWilk
Benzene (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.5142	0.1544	unknown	ShapiroWilk
Benzene (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.5079	0.11	unknown	ShapiroWilk
Benzene (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.5081	0.1121	unknown	ShapiroWilk
Benzene (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.5275	0.2039	unknown	ShapiroWilk
Benzene (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.5275	0.2039	unknown	ShapiroWilk
Benzene (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.5275	0.2039	unknown	ShapiroWilk
Benzene (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.5275	0.2039	unknown	ShapiroWilk
Benzene (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.5275	0.2039	unknown	ShapiroWilk
Benzene (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.5071	0.1044	unknown	ShapiroWilk
Benzene (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.5076	0.108	unknown	ShapiroWilk
Benzene (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.5305	0.1801	unknown	ShapiroWilk
Benzene (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.5226	0.1845	unknown	ShapiroWilk
Benzene (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.5211	0.2492	unknown	ShapiroWilk
Benzene (ug/L)	**MW-312A**	**Yes**	**1,1,1**	**10/20/202...**	**NP (nrm)**	**NaN**	**17**	**0.5284**	**0.2504**	**unknown**	**ShapiroWilk**
Benzene (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.521	0.1777	unknown	ShapiroWilk
Benzene (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	43	0.5102	0.1246	unknown	ShapiroWilk
Benzene (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.5169	0.1612	unknown	ShapiroWilk
Benzene (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.512	0.1636	unknown	ShapiroWilk
Benzene (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.538	0.3414	unknown	ShapiroWilk
Benzene (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.538	0.3414	unknown	ShapiroWilk
Benzene (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.5073	0.1062	unknown	ShapiroWilk
Benzene (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.5073	0.1062	unknown	ShapiroWilk
Benzene (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	29	0.4178	0.1676	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	MW-12B	No	n/a	n/a	EPA 1989	0.05	4	9.75	1.258	normal	ShapiroWilk
Benzyl alcohol (ug/L)	MW-14B	No	n/a	n/a	Dixon`s	0.05	5	10.37	6.601	normal	ShapiroWilk
Benzyl alcohol (ug/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.43	3.963	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	8.35	3.917	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	**MW-201A**	**Yes**	**1.35**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**8.137**	**4.537**	**normal**	**ShapiroWilk**
Benzyl alcohol (ug/L)	**MW-202A**	**Yes**	**1.35**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**8.088**	**4.499**	**normal**	**ShapiroWilk**
Benzyl alcohol (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	8.095	4.483	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	**MW-204A**	**Yes**	**1.35**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**7.938**	**4.393**	**normal**	**ShapiroWilk**
Benzyl alcohol (ug/L)	MW-205A	No	n/a	n/a	NP (nrm)	NaN	4	7.352	4.072	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	**MW-208B**	**Yes**	**1.33**	**4/25/2025**	**Dixon`s**	**0.05**	**4**	**8.157**	**4.567**	**normal**	**ShapiroWilk**

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Benzyl alcohol (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	7.925	4.421	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	4	7.338	4.101	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	**MW-214A**	**Yes**	**1.35**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**8.213**	**4.598**	**normal**	**ShapiroWilk**
Benzyl alcohol (ug/L)	**MW-215A**	**Yes**	**1.38**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**7.97**	**4.397**	**normal**	**ShapiroWilk**
Benzyl alcohol (ug/L)	**MW-219A**	**Yes**	**146**	**7/10/2013**	**Dixon`s**	**0.05**	**6**	**32.88**	**55.42**	**normal**	**ShapiroWilk**
Benzyl alcohol (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	8.414	4.009	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	**MW-24A**	**Yes**	**1.33**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.426**	**3.972**	**normal**	**ShapiroWilk**
Benzyl alcohol (ug/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.476	3.975	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	**MW-29A**	**Yes**	**1.33**	**5/5/2025**	**Dixon`s**	**0.05**	**5**	**8.346**	**3.924**	**normal**	**ShapiroWilk**
Benzyl alcohol (ug/L)	**MW-31B**	**Yes**	**1.38**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.496**	**3.991**	**normal**	**ShapiroWilk**
Benzyl alcohol (ug/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	5	6.388	5.148	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	8.35	3.917	unknown	ShapiroWilk
Benzyl alcohol (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	8.31	3.892	unknown	ShapiroWilk
Beta-BHC (ug/L)	MW-12B	No	n/a	n/a	EPA 1989	0.05	4	0.03007	0.01799	normal	ShapiroWilk
Beta-BHC (ug/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	0.03366	0.002565	unknown	ShapiroWilk
Beta-BHC (ug/L)	**MW-17A-00**	**Yes**	**0.0382**	**4/23/2025**	**Dixon`s**	**0.05**	**5**	**0.03364**	**0.002606**	**normal**	**ShapiroWilk**
Beta-BHC (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.03346	0.0026	unknown	ShapiroWilk
Beta-BHC (ug/L)	MW-201A	No	n/a	n/a	EPA 1989	0.05	4	0.03428	0.002651	normal	ShapiroWilk
Beta-BHC (ug/L)	MW-202A	No	n/a	n/a	EPA 1989	0.05	4	0.0338	0.002594	normal	ShapiroWilk
Beta-BHC (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	0.0338	0.002801	unknown	ShapiroWilk
Beta-BHC (ug/L)	**MW-204A**	**Yes**	**0.0058**	**3/30/2020**	**Dixon`s**	**0.05**	**4**	**0.02738**	**0.01468**	**normal**	**ShapiroWilk**
Beta-BHC (ug/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	0.02655	0.01899	normal	ShapiroWilk
Beta-BHC (ug/L)	MW-208B	No	n/a	n/a	EPA 1989	0.05	4	0.02105	0.01712	normal	ShapiroWilk
Beta-BHC (ug/L)	MW-210B	No	n/a	n/a	EPA 1989	0.05	4	0.03393	0.002832	normal	ShapiroWilk
Beta-BHC (ug/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	0.0332	0.01281	normal	ShapiroWilk
Beta-BHC (ug/L)	MW-214A	No	n/a	n/a	EPA 1989	0.05	4	0.03445	0.002635	normal	ShapiroWilk
Beta-BHC (ug/L)	**MW-215A**	**Yes**	**0.038**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**0.03382**	**0.002815**	**normal**	**ShapiroWilk**
Beta-BHC (ug/L)	MW-23A	No	n/a	n/a	EPA 1989	0.05	5	0.03368	0.002041	normal	ShapiroWilk
Beta-BHC (ug/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	0.03348	0.002643	unknown	ShapiroWilk
Beta-BHC (ug/L)	MW-25A-00	No	n/a	n/a	EPA 1989	0.05	5	0.03382	0.002534	normal	ShapiroWilk
Beta-BHC (ug/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	0.03352	0.002387	unknown	ShapiroWilk
Beta-BHC (ug/L)	**MW-31B**	**Yes**	**0.0377**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**0.03348**	**0.002399**	**normal**	**ShapiroWilk**
Beta-BHC (ug/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	7	0.032	0	unknown	ShapiroWilk
Beta-BHC (ug/L)	**MW-5B**	**Yes**	**0.0378**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**0.0337**	**0.002402**	**normal**	**ShapiroWilk**
Beta-BHC (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	6	0.0333	0.0026	unknown	ShapiroWilk
Beta-BHC (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	7	0.03314	0.002498	unknown	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	MW-12B	No	n/a	n/a	EPA 1989	0.05	4	9.75	1.258	normal	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	MW-14B	No	n/a	n/a	Dixon`s	0.05	5	10.26	6.793	normal	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.318	4.212	unknown	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	8.238	4.166	unknown	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	**MW-201A**	**Yes**	**0.792**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**7.998**	**4.815**	**normal**	**ShapiroWilk**
Bis[2-chloroethoxy]methane (ug/L)	**MW-202A**	**Yes**	**0.792**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**7.948**	**4.777**	**normal**	**ShapiroWilk**
Bis[2-chloroethoxy]methane (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	7.952	4.768	unknown	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	**MW-204A**	**Yes**	**0.792**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**7.798**	**4.672**	**normal**	**ShapiroWilk**
Bis[2-chloroethoxy]methane (ug/L)	MW-205A	No	n/a	n/a	NP (nrm)	NaN	4	7.206	4.357	unknown	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	**MW-208B**	**Yes**	**0.776**	**4/25/2025**	**Dixon`s**	**0.05**	**4**	**8.019**	**4.843**	**normal**	**ShapiroWilk**
Bis[2-chloroethoxy]methane (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	7.79	4.69	unknown	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	4	7.198	4.373	unknown	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	**MW-214A**	**Yes**	**0.792**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**8.073**	**4.875**	**normal**	**ShapiroWilk**
Bis[2-chloroethoxy]methane (ug/L)	**MW-215A**	**Yes**	**0.809**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**7.827**	**4.682**	**normal**	**ShapiroWilk**

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:32 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Bis[2-chloroethoxy]methane (ug/L)	**MW-219A**	**Yes**	**106**	**7/10/2013**	**Dixon`s**	**0.05**	**5**	**29.44**	**42.8**	**normal**	**ShapiroWilk**
Bis[2-chloroethoxy]methane (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	8.309	4.243	unknown	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	**MW-24A**	**Yes**	**0.776**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.315**	**4.22**	**normal**	**ShapiroWilk**
Bis[2-chloroethoxy]methane (ug/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.362	4.23	unknown	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	**MW-29A**	**Yes**	**0.776**	**5/5/2025**	**Dixon`s**	**0.05**	**5**	**8.235**	**4.172**	**normal**	**ShapiroWilk**
Bis[2-chloroethoxy]methane (ug/L)	**MW-31B**	**Yes**	**0.809**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.382**	**4.246**	**normal**	**ShapiroWilk**
Bis[2-chloroethoxy]methane (ug/L)	**MW-5B**	**Yes**	**0.792**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**8.298**	**4.2**	**normal**	**ShapiroWilk**
Bis[2-chloroethoxy]methane (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	8.238	4.166	unknown	ShapiroWilk
Bis[2-chloroethoxy]methane (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	8.198	4.141	unknown	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-12B	No	n/a	n/a	Dixon`s	0.05	8	8.072	3.778	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-14B	No	n/a	n/a	EPA 1989	0.05	5	9.59	6.729	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	7.38	4.162	unknown	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	9.226	1.962	unknown	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-201A	No	n/a	n/a	NP (nrm)	NaN	13	8.137	4.339	unknown	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-202A	No	n/a	n/a	EPA 1989	0.05	4	6.807	4.353	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-203A	No	n/a	n/a	EPA 1989	0.05	4	6.845	4.401	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-204A	No	n/a	n/a	EPA 1989	0.05	4	8.475	2.055	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	5.715	3.737	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-208B	No	n/a	n/a	Dixon`s	0.05	4	8.79	2.183	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-210B	No	n/a	n/a	EPA 1989	0.05	4	8.19	2.392	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	5.623	3.784	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	13	6.82	5.113	unknown	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	13	7.047	4.428	unknown	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-219A	No	n/a	n/a	EPA 1989	0.05	5	27.89	43.81	ln(x)	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	8.336	2.664	unknown	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-24A	No	n/a	n/a	EPA 1989	0.05	5	8.728	2.026	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-25A-00	No	n/a	n/a	EPA 1989	0.05	5	7.72	3.59	normal	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	**MW-29A**	**Yes**	**5.61**	**5/5/2025**	**Dixon`s**	**0.05**	**5**	**9.202**	**2.012**	**normal**	**ShapiroWilk**
Bis[2-ethylhexyl]phthalate (ug/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	14	7.773	4.856	unknown	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	5	8.018	2.968	unknown	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	7.362	4.197	unknown	ShapiroWilk
Bis[2-ethylhexyl]phthalate (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	7.324	4.158	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.8533	0.2518	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	1.241	0.9124	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	1.215	0.9081	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	1.208	0.8937	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.8625	0.246	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	1.047	0.6803	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	1.383	1.706	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	1.137	0.8669	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.36	1.158	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.222	0.9233	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.23	0.9392	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.524	1.916	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	1.276	1.079	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	1.373	1.177	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	1.394	1.73	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.636	1.923	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.087	0.5802	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	1.091	0.591	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Carbon Disulfide (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	1.008	0.3557	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9312	0.1848	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9312	0.1848	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9312	0.1848	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9141	0.2028	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	1.19	0.9036	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.222	0.9233	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	1.141	0.8245	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	1.021	0.5179	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8778	0.2353	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.8706	0.2405	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	1.114	0.7911	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	1.179	0.8759	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9577	0.1495	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9577	0.1495	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.78	0.284	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.78	0.284	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	1.215	0.9081	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.215	0.9081	unknown	ShapiroWilk
Carbon Disulfide (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	1.222	0.9233	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	1.44	0.6317	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	2.103	0.7243	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	2.188	0.9051	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	2.085	0.721	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	1.35	0.6072	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	2.022	1.273	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	1.961	0.9745	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	1.874	0.8355	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	2.195	0.9204	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	2.091	0.7459	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	2.202	0.9366	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	2.166	0.9632	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	2.024	0.6739	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	2.202	0.9366	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	1.96	0.9887	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	2.229	1.005	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.987	0.5025	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	1.987	0.5121	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	1.706	0.5245	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-217A	No	n/a	n/a	NP (nrm)	NaN	32	1.706	0.5245	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-218A	No	n/a	n/a	NP (nrm)	NaN	32	1.706	0.5245	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-219A	No	n/a	n/a	NP (nrm)	NaN	32	1.706	0.5245	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	**MW-220A**	**Yes**	**0.45**	**5/2/2022**	**NP (nrm)**	**NaN**	**32**	**1.689**	**0.5564**	**unknown**	**ShapiroWilk**
Carbon Tetrachloride (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	2.085	0.721	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.988	0.4935	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	1.904	0.7999	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	1.877	0.8056	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	1.533	0.6121	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-312A	n/a	n/a	n/a	NP (nrm)	NaN	17	1.471	0.6655	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	1.812	0.6059	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Carbon Tetrachloride (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	2.009	0.7633	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	1.819	0.438	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	1.819	0.438	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	1.16	0.5994	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	1.16	0.5994	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	2.088	0.7332	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.988	0.4849	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	1.988	0.4935	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.8367	0.2806	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	1.034	0.1857	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.98	0.1095	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	1.013	0.2125	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.8469	0.2741	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9618	0.2572	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9319	0.1954	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9586	0.268	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.014	0.2199	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.014	0.2199	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9786	0.1134	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.949	0.1881	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	1.015	0.2282	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	1.014	0.224	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.93	0.1979	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9776	0.1207	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9786	0.1134	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9778	0.1155	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9234	0.206	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9234	0.206	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9234	0.206	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9234	0.206	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9234	0.206	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9806	0.1078	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.014	0.2199	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9776	0.2396	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9372	0.1884	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8639	0.2622	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.8559	0.268	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9655	0.2446	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	0.9621	0.1516	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9519	0.17	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9519	0.17	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.755	0.3166	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.755	0.3166	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	1.013	0.2161	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.013	0.2161	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	1.014	0.2199	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	2.551	1.605	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	3.473	1.188	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	3.793	0.7882	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	3.693	0.9545	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Chloroethane (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	2.267	1.58	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	3.349	1.278	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	3.313	1.304	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	3.293	1.318	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.786	0.8012	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.786	0.8012	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	28	3.31	1.509	unknown	ShapiroWilk
Chloroethane (ug/L)	**MW-205A**	**Yes**	**8.25,8....**	**10/11/201...**	**NP (nrm)**	**NaN**	**28**	**3.807**	**1.692**	**unknown**	**ShapiroWilk**
Chloroethane (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	3.77	0.8292	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	3.778	0.8148	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	3.293	1.318	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.686	0.9403	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	3.778	0.8148	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	3.77	0.8292	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	3.227	1.361	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-217A	No	n/a	n/a	NP (nrm)	NaN	32	3.227	1.361	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-218A	No	n/a	n/a	NP (nrm)	NaN	32	3.227	1.361	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-219A	No	n/a	n/a	NP (nrm)	NaN	32	3.227	1.361	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-220A	No	n/a	n/a	NP (nrm)	NaN	32	3.227	1.361	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	3.8	0.7759	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.786	0.8012	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	3.434	1.208	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	3.366	1.265	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	2.793	1.558	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	2.722	1.576	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	3.411	1.229	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	40	3.692	0.9354	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	3.527	1.133	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	3.527	1.133	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	1.827	1.502	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	1.827	1.502	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	3.793	0.7882	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	3.793	0.7882	unknown	ShapiroWilk
Chloroethane (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	3.502	1.115	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	1.963	1.156	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	2.771	0.6931	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	2.768	0.7108	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	2.774	0.7058	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	1.778	1.124	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	2.538	0.9114	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-200A	No	n/a	n/a	NP (nrm)	NaN	36	2.441	0.9888	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	2.498	0.9399	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	2.76	0.7243	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	2.763	0.7137	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	2.757	0.7166	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	2.684	0.7935	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	2.698	0.7724	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	2.843	0.5781	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	2.498	0.9399	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	2.78	0.6629	unknown	ShapiroWilk

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Chloromethane (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	2.849	0.5805	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	2.837	0.5883	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	2.368	1.035	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-217A	No	n/a	n/a	NP (nrm)	NaN	32	2.451	0.9707	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-218A	No	n/a	n/a	NP (nrm)	NaN	32	2.451	0.9707	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	2.368	1.033	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-220A	No	n/a	n/a	NP (nrm)	NaN	32	2.451	0.9707	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	2.858	0.5505	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	2.759	0.728	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	2.601	0.8555	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	2.55	0.9024	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	2.136	1.122	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	2.085	1.135	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	2.522	0.9327	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	2.582	0.9049	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	2.563	0.9203	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	2.662	0.8114	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	1.444	1.087	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	1.444	1.087	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	2.854	0.5592	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	2.854	0.5592	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	2.763	0.7143	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.812	0.3322	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	29	1	0	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9463	0.2043	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9473	0.204	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	2.206	1.982	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9205	0.2251	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9217	0.2301	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9127	0.4265	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9728	0.1467	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9728	0.1467	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9718	0.1493	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9458	0.184	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	**MW-208B**	**Yes**	**0.177,0...**	**4/4/2016,...**	**NP (nrm)**	**NaN**	**27**	**0.8273**	**0.3101**	**unknown**	**ShapiroWilk**
cis-1,2-Dichloroethene (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9718	0.1493	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9194	0.2331	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9573	0.1661	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9718	0.1493	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9707	0.152	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9119	0.2427	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9119	0.2427	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9119	0.2427	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9119	0.2427	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9119	0.2427	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9745	0.1419	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9728	0.1467	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9466	0.1905	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9277	0.2219	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8433	0.3099	unknown	ShapiroWilk

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
cis-1,2-Dichloroethene (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.8341	0.3169	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9329	0.2144	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	40	0.969	0.1422	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9523	0.1752	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9523	0.1752	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.718	0.3771	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.718	0.3771	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9737	0.1442	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.939	0.194	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9227	0.2327	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	0.03693	0.008753	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-14B	No	n/a	n/a	EPA 1989	0.05	5	0.03184	0.001842	normal	ShapiroWilk
Delta-BHC (ug/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	0.02568	0.01298	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.02554	0.01278	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-201A	No	n/a	n/a	EPA 1989	0.05	4	0.032	0.002128	normal	ShapiroWilk
Delta-BHC (ug/L)	MW-202A	No	n/a	n/a	EPA 1989	0.05	4	0.03155	0.002044	normal	ShapiroWilk
Delta-BHC (ug/L)	MW-203A	No	n/a	n/a	EPA 1989	0.05	4	0.03155	0.00187	normal	ShapiroWilk
Delta-BHC (ug/L)	**MW-204A**	**Yes**	**0.00307**	**10/5/2015**	**Dixon`s**	**0.05**	**4**	**0.02447**	**0.01435**	**normal**	**ShapiroWilk**
Delta-BHC (ug/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	0.02753	0.01724	normal	ShapiroWilk
Delta-BHC (ug/L)	MW-208B	No	n/a	n/a	EPA 1989	0.05	4	0.01908	0.01426	normal	ShapiroWilk
Delta-BHC (ug/L)	MW-210B	No	n/a	n/a	EPA 1989	0.05	4	0.03165	0.002001	normal	ShapiroWilk
Delta-BHC (ug/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	0.0317	0.01519	normal	ShapiroWilk
Delta-BHC (ug/L)	MW-214A	No	n/a	n/a	EPA 1989	0.05	4	0.03218	0.002472	normal	ShapiroWilk
Delta-BHC (ug/L)	MW-215A	No	n/a	n/a	Dixon`s	0.05	4	0.03155	0.001816	normal	ShapiroWilk
Delta-BHC (ug/L)	**MW-218A**	**Yes**	**0.242,0...**	**7/10/2013...**	**NP (nrm)**	**NaN**	**14**	**0.05034**	**0.05611**	**unknown**	**ShapiroWilk**
Delta-BHC (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	0.03192	0.002247	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-24A	n/a	n/a	n/a	EPA 1989	0.05	5	0.03166	0.00159	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-25A-00	No	n/a	n/a	EPA 1989	0.05	5	0.032	0.001991	normal	ShapiroWilk
Delta-BHC (ug/L)	MW-29A	n/a	n/a	n/a	EPA 1989	0.05	5	0.03172	0.001881	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	5	0.02566	0.01283	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	4	0.03218	0.00035	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-5B	No	n/a	n/a	EPA 1989	0.05	5	0.0319	0.001876	normal	ShapiroWilk
Delta-BHC (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	6	0.03177	0.001316	unknown	ShapiroWilk
Delta-BHC (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	7	0.03183	0.001135	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	2.5	1	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	2.45	1.23	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-17A-00	No	n/a	n/a	EPA 1989	0.05	5	1.478	1.413	ln(x)	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-18AR	No	n/a	n/a	EPA 1989	0.05	16	12.68	8.183	ln(x)	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	2.65	1.41	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-200A	No	n/a	n/a	EPA 1989	0.05	28	2.065	1.093	normal	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-201A	No	n/a	n/a	NP (nrm)	NaN	4	2.313	1.375	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	4	2.313	1.375	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	2.313	1.375	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	4	2.313	1.375	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	1.284	1.185	normal	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-208B	No	n/a	n/a	EPA 1989	0.05	4	1.804	1.412	normal	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	2.313	1.375	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	4	1.963	1.2	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	4	2.313	1.375	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	4	2.313	1.375	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:32 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Dichlorodifluoromethane (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	2.45	1.23	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	2.45	1.23	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	2.45	1.23	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	2.45	1.23	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	5	2.45	1.23	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	14	3	0	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	5	2.45	1.23	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	2.45	1.23	unknown	ShapiroWilk
Dichlorodifluoromethane (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	1.938	1.456	unknown	ShapiroWilk
Endrin (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	0.03693	0.008753	unknown	ShapiroWilk
Endrin (ug/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	0.02572	0.01188	unknown	ShapiroWilk
Endrin (ug/L)	**MW-17A-00**	**Yes**	**0.0255**	**4/23/2025**	**Dixon`s**	**0.05**	**5**	**0.0311**	**0.003177**	**normal**	**ShapiroWilk**
Endrin (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.03092	0.003192	unknown	ShapiroWilk
Endrin (ug/L)	**MW-201A**	**Yes**	**0.0254**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**0.0311**	**0.003869**	**normal**	**ShapiroWilk**
Endrin (ug/L)	**MW-202A**	**Yes**	**0.0251**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**0.03068**	**0.003758**	**normal**	**ShapiroWilk**
Endrin (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	0.03065	0.003619	unknown	ShapiroWilk
Endrin (ug/L)	**MW-204A**	**Yes**	**0.0258**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**0.03103**	**0.003527**	**normal**	**ShapiroWilk**
Endrin (ug/L)	MW-205A	No	n/a	n/a	Dixon`s	0.05	4	0.02846	0.01913	normal	ShapiroWilk
Endrin (ug/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	21	0.0711	0.1171	unknown	ShapiroWilk
Endrin (ug/L)	MW-210B	n/a	n/a	n/a	EPA 1989	0.05	4	0.03075	0.003721	unknown	ShapiroWilk
Endrin (ug/L)	MW-213A	n/a	n/a	n/a	EPA 1989	0.05	4	0.03568	0.009676	unknown	ShapiroWilk
Endrin (ug/L)	MW-214A	No	n/a	n/a	EPA 1989	0.05	4	0.03128	0.004148	normal	ShapiroWilk
Endrin (ug/L)	**MW-215A**	**Yes**	**0.0253**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**0.03065**	**0.003591**	**normal**	**ShapiroWilk**
Endrin (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	0.03122	0.003743	unknown	ShapiroWilk
Endrin (ug/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	0.03094	0.003148	unknown	ShapiroWilk
Endrin (ug/L)	**MW-25A-00**	**Yes**	**0.0253**	**5/8/2025**	**Dixon`s**	**0.05**	**5**	**0.03128**	**0.003484**	**normal**	**ShapiroWilk**
Endrin (ug/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	0.03102	0.003383	unknown	ShapiroWilk
Endrin (ug/L)	**MW-31B**	**Yes**	**0.0251**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**0.03096**	**0.003305**	**normal**	**ShapiroWilk**
Endrin (ug/L)	**MW-5B**	**Yes**	**0.0252**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**0.03118**	**0.003419**	**normal**	**ShapiroWilk**
Endrin (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	6	0.03117	0.002728	unknown	ShapiroWilk
Endrin (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	7	0.0313	0.002473	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	0.02693	0.01131	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	0.03094	0.003749	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	**MW-17A-00**	**Yes**	**0.0245**	**4/23/2025**	**Dixon`s**	**0.05**	**5**	**0.0309**	**0.003619**	**normal**	**ShapiroWilk**
Endrin aldehyde (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.03074	0.003589	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	**MW-201A**	**Yes**	**0.0245**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**0.03088**	**0.004312**	**normal**	**ShapiroWilk**
Endrin aldehyde (ug/L)	**MW-202A**	**Yes**	**0.0242**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**0.03045**	**0.004204**	**normal**	**ShapiroWilk**
Endrin aldehyde (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	0.03043	0.004063	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	**MW-204A**	**Yes**	**0.0249**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**0.0308**	**0.003972**	**normal**	**ShapiroWilk**
Endrin aldehyde (ug/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	0.03925	0.008846	normal	ShapiroWilk
Endrin aldehyde (ug/L)	MW-208B	No	n/a	n/a	EPA 1989	0.05	4	0.0268	0.01198	normal	ShapiroWilk
Endrin aldehyde (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	0.03053	0.004161	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	0.03938	0.00892	normal	ShapiroWilk
Endrin aldehyde (ug/L)	MW-214A	No	n/a	n/a	Dixon`s	0.05	4	0.03105	0.004582	normal	ShapiroWilk
Endrin aldehyde (ug/L)	**MW-215A**	**Yes**	**0.0244**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**0.03043**	**0.004038**	**normal**	**ShapiroWilk**
Endrin aldehyde (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	0.03104	0.004136	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	0.03076	0.003544	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	**MW-25A-00**	**Yes**	**0.0244**	**5/8/2025**	**Dixon`s**	**0.05**	**5**	**0.0311**	**0.003872**	**normal**	**ShapiroWilk**
Endrin aldehyde (ug/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	0.03084	0.003778	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	**MW-31B**	**Yes**	**0.0242**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**0.03078**	**0.003704**	**normal**	**ShapiroWilk**

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:32 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Endrin aldehyde (ug/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	9	0.032	0	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	MW-38A (bg)	No	n/a	n/a	NP (nrm)	NaN	4	0.0365	0.009	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	**MW-5B**	**Yes**	**0.0243**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**0.031**	**0.003814**	**normal**	**ShapiroWilk**
Endrin aldehyde (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	6	0.031	0.00313	unknown	ShapiroWilk
Endrin aldehyde (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	7	0.02811	0.008209	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.8233	0.3043	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	1.034	0.1857	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.977	0.126	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	1.01	0.2216	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.8344	0.2973	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9829	0.3185	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9264	0.2118	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9529	0.2811	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.011	0.2293	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.011	0.2293	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	32	1.175	0.7452	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9793	0.1096	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	1.011	0.238	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	1.011	0.2335	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9243	0.2145	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.98	0.1077	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9754	0.1304	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9744	0.1328	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9172	0.2233	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9172	0.2233	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9172	0.2233	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9172	0.2233	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9172	0.2233	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9777	0.1239	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.011	0.2293	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9747	0.2474	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9321	0.2042	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8528	0.2844	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.8441	0.2906	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9607	0.2566	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	0.9657	0.1461	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9512	0.1733	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9512	0.1733	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.735	0.3436	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.735	0.3436	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	1.01	0.2254	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	1.01	0.2254	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	1.011	0.2293	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	0.03693	0.008753	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-14B	n/a	n/a	n/a	EPA 1989	0.05	5	0.02468	0.01237	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	0.02497	0.0114	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	0.03002	0.005185	unknown	ShapiroWilk
Heptachlor (ug/L)	**MW-201A**	**Yes**	**0.0209**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**0.02998**	**0.006093**	**normal**	**ShapiroWilk**
Heptachlor (ug/L)	**MW-202A**	**Yes**	**0.0206**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**0.02955**	**0.005992**	**normal**	**ShapiroWilk**
Heptachlor (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	0.0295	0.005899	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Heptachlor (ug/L)	**MW-204A**	**Yes**	**0.0212**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**0.02988**	**0.00581**	**normal**	**ShapiroWilk**
Heptachlor (ug/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	0.02782	0.01905	normal	ShapiroWilk
Heptachlor (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	11	0.02945	0.007543	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	0.02963	0.005938	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	0.03493	0.01048	normal	ShapiroWilk
Heptachlor (ug/L)	**MW-214A**	**Yes**	**0.0208**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**0.03015**	**0.00634**	**normal**	**ShapiroWilk**
Heptachlor (ug/L)	**MW-215A**	**Yes**	**0.0208**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**0.02953**	**0.005832**	**normal**	**ShapiroWilk**
Heptachlor (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	0.03034	0.005677	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	0.03004	0.00514	unknown	ShapiroWilk
Heptachlor (ug/L)	**MW-25A-00**	**Yes**	**0.0208**	**5/8/2025**	**Dixon`s**	**0.05**	**5**	**0.03038**	**0.005444**	**normal**	**ShapiroWilk**
Heptachlor (ug/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	0.03012	0.005368	unknown	ShapiroWilk
Heptachlor (ug/L)	**MW-31B**	**Yes**	**0.0206**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**0.03006**	**0.005306**	**normal**	**ShapiroWilk**
Heptachlor (ug/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	9	0.032	0	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	5	0.02442	0.0127	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	6	0.0304	0.004586	unknown	ShapiroWilk
Heptachlor (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	7	0.03064	0.004192	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	7.75	4.5	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-201A	No	n/a	n/a	NP (nrm)	NaN	4	8.1	3.8	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-202A	No	n/a	n/a	NP (nrm)	NaN	4	8.1	3.8	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	8.1	3.8	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-204A	No	n/a	n/a	NP (nrm)	NaN	4	8.1	3.8	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	5.85	4.826	normal	ShapiroWilk
Isobutanol (mg/L)	MW-208B	No	n/a	n/a	NP (nrm)	NaN	4	8.1	3.8	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	8.1	3.8	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	5.85	4.826	normal	ShapiroWilk
Isobutanol (mg/L)	MW-214A	No	n/a	n/a	NP (nrm)	NaN	4	8.1	3.8	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-215A	No	n/a	n/a	NP (nrm)	NaN	4	8.1	3.8	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-31B	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-5B	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
Isobutanol (mg/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	8.48	3.399	unknown	ShapiroWilk
m/p-Cresol (ug/L)	MW-12B	No	n/a	n/a	EPA 1989	0.05	4	9.75	1.258	normal	ShapiroWilk
m/p-Cresol (ug/L)	**MW-14B**	**Yes**	**20**	**4/14/2009**	**Dixon`s**	**0.05**	**4**	**12.63**	**4.918**	**normal**	**ShapiroWilk**
m/p-Cresol (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	4	10.2	0.2309	unknown	ShapiroWilk
m/p-Cresol (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	4	10.1	0.2	unknown	ShapiroWilk
m/p-Cresol (ug/L)	**MW-219A**	**Yes**	**2250**	**7/10/2013**	**Dixon`s**	**0.05**	**6**	**383.6**	**914.4**	**normal**	**ShapiroWilk**
m/p-Cresol (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	4	10.2	0.4	unknown	ShapiroWilk
m/p-Cresol (ug/L)	MW-24A	No	n/a	n/a	EPA 1989	0.05	4	10.2	0.2449	normal	ShapiroWilk
m/p-Cresol (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	4	10.25	0.2887	unknown	ShapiroWilk
m/p-Cresol (ug/L)	MW-29A	No	n/a	n/a	EPA 1989	0.05	4	10.1	0.1414	normal	ShapiroWilk
m/p-Cresol (ug/L)	MW-31B	No	n/a	n/a	EPA 1989	0.05	4	10.28	0.3775	normal	ShapiroWilk
m/p-Cresol (ug/L)	MW-5B	No	n/a	n/a	EPA 1989	0.05	4	10.17	0.2062	normal	ShapiroWilk
m/p-Cresol (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	4	10.1	0.2	unknown	ShapiroWilk

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
m/p-Cresol (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	4	10.05	0.1	unknown	ShapiroWilk
O-Toluidine (ug/L)	MW-12B	No	n/a	n/a	EPA 1989	0.05	4	9.75	1.258	normal	ShapiroWilk
O-Toluidine (ug/L)	MW-14B	No	n/a	n/a	EPA 1989	0.05	5	10.7	6.049	normal	ShapiroWilk
O-Toluidine (ug/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.764	3.217	unknown	ShapiroWilk
O-Toluidine (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	8.684	3.171	unknown	ShapiroWilk
O-Toluidine (ug/L)	**MW-201A**	**Yes**	**3.02**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**8.555**	**3.704**	**normal**	**ShapiroWilk**
O-Toluidine (ug/L)	**MW-202A**	**Yes**	**3.02**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**8.505**	**3.665**	**normal**	**ShapiroWilk**
O-Toluidine (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	8.522	3.629	unknown	ShapiroWilk
O-Toluidine (ug/L)	MW-204A	No	n/a	n/a	EPA 1989	0.05	4	6.075	4.651	normal	ShapiroWilk
O-Toluidine (ug/L)	MW-205A	n/a	n/a	n/a	EPA 1989	0.05	4	7.788	3.232	unknown	ShapiroWilk
O-Toluidine (ug/L)	**MW-208B**	**Yes**	**2.96**	**4/25/2025**	**Dixon`s**	**0.05**	**4**	**8.565**	**3.755**	**normal**	**ShapiroWilk**
O-Toluidine (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	8.325	3.622	unknown	ShapiroWilk
O-Toluidine (ug/L)	MW-213A	n/a	n/a	n/a	EPA 1989	0.05	4	7.755	3.294	unknown	ShapiroWilk
O-Toluidine (ug/L)	**MW-214A**	**Yes**	**3.02**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**8.63**	**3.768**	**normal**	**ShapiroWilk**
O-Toluidine (ug/L)	**MW-215A**	**Yes**	**3.09**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**8.397**	**3.542**	**normal**	**ShapiroWilk**
O-Toluidine (ug/L)	**MW-219A**	**Yes**	**658**	**7/10/2013**	**Dixon`s**	**0.05**	**6**	**118.2**	**264.4**	**normal**	**ShapiroWilk**
O-Toluidine (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	8.728	3.31	unknown	ShapiroWilk
O-Toluidine (ug/L)	**MW-24A**	**Yes**	**2.96**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.752**	**3.245**	**normal**	**ShapiroWilk**
O-Toluidine (ug/L)	MW-25A-00	No	n/a	n/a	NP (nrm)	NaN	5	8.818	3.212	unknown	ShapiroWilk
O-Toluidine (ug/L)	**MW-29A**	**Yes**	**2.96**	**5/5/2025**	**Dixon`s**	**0.05**	**5**	**8.672**	**3.195**	**normal**	**ShapiroWilk**
O-Toluidine (ug/L)	**MW-31B**	**Yes**	**3.09**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**8.838**	**3.23**	**normal**	**ShapiroWilk**
O-Toluidine (ug/L)	**MW-5B**	**Yes**	**3.02**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**8.744**	**3.205**	**normal**	**ShapiroWilk**
O-Toluidine (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	5	8.684	3.171	unknown	ShapiroWilk
O-Toluidine (ug/L)	MW-8B	No	n/a	n/a	NP (nrm)	NaN	5	8.644	3.145	unknown	ShapiroWilk
Phenol (ug/L)	MW-12B	No	n/a	n/a	EPA 1989	0.05	4	12.25	5.315	normal	ShapiroWilk
Phenol (ug/L)	MW-14B	No	n/a	n/a	EPA 1989	0.05	5	14.33	14.87	ln(x)	ShapiroWilk
Phenol (ug/L)	MW-17A-00	n/a	n/a	n/a	EPA 1989	0.05	5	10.39	6.669	unknown	ShapiroWilk
Phenol (ug/L)	MW-1B	n/a	n/a	n/a	EPA 1989	0.05	5	10.31	6.671	unknown	ShapiroWilk
Phenol (ug/L)	**MW-201A**	**Yes**	**1.15**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**8.087**	**4.637**	**normal**	**ShapiroWilk**
Phenol (ug/L)	**MW-202A**	**Yes**	**1.15**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**8.037**	**4.598**	**normal**	**ShapiroWilk**
Phenol (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	8.042	4.588	unknown	ShapiroWilk
Phenol (ug/L)	**MW-204A**	**Yes**	**1.15**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**7.888**	**4.493**	**normal**	**ShapiroWilk**
Phenol (ug/L)	MW-205A	No	n/a	n/a	NP (nrm)	NaN	4	7.3	4.175	unknown	ShapiroWilk
Phenol (ug/L)	**MW-208B**	**Yes**	**1.12**	**4/25/2025**	**Dixon`s**	**0.05**	**4**	**8.105**	**4.671**	**normal**	**ShapiroWilk**
Phenol (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	7.875	4.521	unknown	ShapiroWilk
Phenol (ug/L)	MW-213A	No	n/a	n/a	NP (nrm)	NaN	4	7.287	4.199	unknown	ShapiroWilk
Phenol (ug/L)	**MW-214A**	**Yes**	**1.15**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**8.162**	**4.697**	**normal**	**ShapiroWilk**
Phenol (ug/L)	**MW-215A**	**Yes**	**1.17**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**7.917**	**4.502**	**normal**	**ShapiroWilk**
Phenol (ug/L)	**MW-219A**	**Yes**	**3010**	**7/10/2013**	**Dixon`s**	**0.05**	**6**	**510.2**	**1225**	**normal**	**ShapiroWilk**
Phenol (ug/L)	MW-23A	n/a	n/a	n/a	EPA 1989	0.05	5	10.38	6.699	unknown	ShapiroWilk
Phenol (ug/L)	MW-24A	No	n/a	n/a	Dixon`s	0.05	5	10.38	6.679	normal	ShapiroWilk
Phenol (ug/L)	MW-25A-00	n/a	n/a	n/a	EPA 1989	0.05	5	10.43	6.662	unknown	ShapiroWilk
Phenol (ug/L)	MW-29A	No	n/a	n/a	Dixon`s	0.05	5	10.3	6.68	normal	ShapiroWilk
Phenol (ug/L)	MW-31B	No	n/a	n/a	Dixon`s	0.05	5	10.45	6.665	normal	ShapiroWilk
Phenol (ug/L)	MW-5B	No	n/a	n/a	Dixon`s	0.05	5	10.37	6.669	normal	ShapiroWilk
Phenol (ug/L)	MW-7B1	n/a	n/a	n/a	EPA 1989	0.05	5	10.31	6.671	unknown	ShapiroWilk
Phenol (ug/L)	MW-8B	n/a	n/a	n/a	EPA 1989	0.05	5	10.27	6.671	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.8613	0.238	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	29	1	0	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9827	0.09494	unknown	ShapiroWilk

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Tetrachloroethene (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9832	0.09339	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-18AR	No	n/a	n/a	Dixon`s	0.05	16	4.485	0.9461	ln(x)	ShapiroWilk
Tetrachloroethene (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9453	0.1617	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9561	0.2542	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9356	0.3122	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.017	0.2123	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	29	0.8682	0.3591	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.017	0.2162	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.017	0.2162	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	1.018	0.2203	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	1.017	0.2162	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9691	0.2454	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	1.017	0.2123	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	1.017	0.2162	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	1.018	0.2203	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.935	0.1747	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.935	0.1747	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.935	0.1747	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.935	0.1747	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.935	0.1747	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9832	0.09339	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9821	0.09656	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9589	0.1421	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9467	0.1598	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8844	0.2225	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-312A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9329	0.1772	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9505	0.1545	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	40	0.974	0.1148	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.96	0.1413	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.96	0.1413	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.792	0.2685	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.792	0.2685	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9827	0.09494	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9827	0.09494	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9821	0.09656	unknown	ShapiroWilk
Toluene (ug/L)	MW-10B	No	n/a	n/a	NP (nrm)	NaN	16	0.9394	0.444	unknown	ShapiroWilk
Toluene (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	29	1	0	unknown	ShapiroWilk
Toluene (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.981	0.1041	unknown	ShapiroWilk
Toluene (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9816	0.1024	unknown	ShapiroWilk
Toluene (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.8575	0.2549	unknown	ShapiroWilk
Toluene (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	1.021	0.538	unknown	ShapiroWilk
Toluene (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9367	0.1817	unknown	ShapiroWilk
Toluene (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9149	0.2125	unknown	ShapiroWilk
Toluene (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9803	0.1058	unknown	ShapiroWilk
Toluene (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9803	0.1058	unknown	ShapiroWilk
Toluene (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9796	0.1077	unknown	ShapiroWilk
Toluene (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9505	0.2589	unknown	ShapiroWilk
Toluene (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9789	0.1097	unknown	ShapiroWilk
Toluene (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9664	0.1262	unknown	ShapiroWilk
Toluene (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9115	0.2232	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Toluene (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9803	0.1058	unknown	ShapiroWilk
Toluene (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9796	0.1077	unknown	ShapiroWilk
Toluene (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9789	0.1097	unknown	ShapiroWilk
Toluene (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9288	0.1915	unknown	ShapiroWilk
Toluene (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9288	0.1915	unknown	ShapiroWilk
Toluene (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9288	0.1915	unknown	ShapiroWilk
Toluene (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9288	0.1915	unknown	ShapiroWilk
Toluene (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9288	0.1915	unknown	ShapiroWilk
Toluene (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	1.113	0.7415	unknown	ShapiroWilk
Toluene (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9803	0.1058	unknown	ShapiroWilk
Toluene (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.955	0.1558	unknown	ShapiroWilk
Toluene (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9415	0.1752	unknown	ShapiroWilk
Toluene (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8733	0.2438	unknown	ShapiroWilk
Toluene (ug/L)	MW-312A	n/a	n/a	n/a	NP (nrm)	NaN	17	0.8247	0.2814	unknown	ShapiroWilk
Toluene (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9457	0.1693	unknown	ShapiroWilk
Toluene (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	0.9692	0.1307	unknown	ShapiroWilk
Toluene (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9562	0.1549	unknown	ShapiroWilk
Toluene (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9562	0.1549	unknown	ShapiroWilk
Toluene (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.772	0.2943	unknown	ShapiroWilk
Toluene (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.772	0.2943	unknown	ShapiroWilk
Toluene (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9664	0.2303	unknown	ShapiroWilk
Toluene (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.981	0.1041	unknown	ShapiroWilk
Toluene (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9528	0.1793	unknown	ShapiroWilk
Toxaphene (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	4	1.577	0.9198	unknown	ShapiroWilk
Toxaphene (ug/L)	MW-14B	No	n/a	n/a	NP (nrm)	NaN	5	1.811	0.5098	unknown	ShapiroWilk
Toxaphene (ug/L)	**MW-17A-00**	**Yes**	**0.909**	**4/23/2025**	**Dixon`s**	**0.05**	**5**	**1.806**	**0.5024**	**normal**	**ShapiroWilk**
Toxaphene (ug/L)	MW-1B	No	n/a	n/a	NP (nrm)	NaN	5	1.797	0.5003	unknown	ShapiroWilk
Toxaphene (ug/L)	**MW-201A**	**Yes**	**0.907**	**5/6/2025**	**Dixon`s**	**0.05**	**4**	**1.774**	**0.58**	**normal**	**ShapiroWilk**
Toxaphene (ug/L)	**MW-202A**	**Yes**	**0.895**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**1.749**	**0.5702**	**normal**	**ShapiroWilk**
Toxaphene (ug/L)	MW-203A	No	n/a	n/a	NP (nrm)	NaN	4	1.745	0.5636	unknown	ShapiroWilk
Toxaphene (ug/L)	**MW-204A**	**Yes**	**0.921**	**4/24/2025**	**Dixon`s**	**0.05**	**4**	**1.765**	**0.5639**	**normal**	**ShapiroWilk**
Toxaphene (ug/L)	MW-205A	No	n/a	n/a	EPA 1989	0.05	4	1.25	0.8998	normal	ShapiroWilk
Toxaphene (ug/L)	MW-208B	No	n/a	n/a	Dixon`s	0.05	4	1.848	0.6506	normal	ShapiroWilk
Toxaphene (ug/L)	MW-210B	No	n/a	n/a	NP (nrm)	NaN	4	1.753	0.5687	unknown	ShapiroWilk
Toxaphene (ug/L)	MW-213A	No	n/a	n/a	EPA 1989	0.05	4	1.253	0.8983	normal	ShapiroWilk
Toxaphene (ug/L)	**MW-214A**	**Yes**	**0.904**	**4/23/2025**	**Dixon`s**	**0.05**	**4**	**1.784**	**0.5905**	**normal**	**ShapiroWilk**
Toxaphene (ug/L)	**MW-215A**	**Yes**	**0.904**	**5/7/2025**	**Dixon`s**	**0.05**	**4**	**1.746**	**0.5619**	**normal**	**ShapiroWilk**
Toxaphene (ug/L)	MW-23A	No	n/a	n/a	NP (nrm)	NaN	5	1.82	0.5275	unknown	ShapiroWilk
Toxaphene (ug/L)	MW-24A	No	n/a	n/a	NP (nrm)	NaN	5	1.797	0.499	unknown	ShapiroWilk
Toxaphene (ug/L)	**MW-25A-00**	**Yes**	**0.904**	**5/8/2025**	**Dixon`s**	**0.05**	**5**	**1.819**	**0.5151**	**normal**	**ShapiroWilk**
Toxaphene (ug/L)	MW-29A	No	n/a	n/a	NP (nrm)	NaN	5	1.805	0.5107	unknown	ShapiroWilk
Toxaphene (ug/L)	**MW-31B**	**Yes**	**0.897**	**5/7/2025**	**Dixon`s**	**0.05**	**5**	**1.799**	**0.5051**	**normal**	**ShapiroWilk**
Toxaphene (ug/L)	MW-34A (bg)	No	n/a	n/a	NP (nrm)	NaN	7	2	0	unknown	ShapiroWilk
Toxaphene (ug/L)	**MW-5B**	**Yes**	**0.9**	**5/6/2025**	**Dixon`s**	**0.05**	**5**	**1.814**	**0.513**	**normal**	**ShapiroWilk**
Toxaphene (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	19	1.97	0.268	unknown	ShapiroWilk
Toxaphene (ug/L)	**MW-8B**	**Yes**	**12.3,4....**	**4/14/2009...**	**NP (nrm)**	**NaN**	**20**	**2.827**	**2.417**	**unknown**	**ShapiroWilk**
trans-1,2-Dichloroethene (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.8147	0.3198	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	29	1	0	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9757	0.1333	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9765	0.1311	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
trans-1,2-Dichloroethene (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.8263	0.3124	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9268	0.2171	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9228	0.2225	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9206	0.2253	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9748	0.1356	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9748	0.1356	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9739	0.138	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9789	0.1115	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.973	0.1405	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9739	0.138	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9206	0.2253	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9797	0.1096	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9739	0.138	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.973	0.1405	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9131	0.2345	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9131	0.2345	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9131	0.2345	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9131	0.2345	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9131	0.2345	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9765	0.1311	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9748	0.1356	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9461	0.1877	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9287	0.2145	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8456	0.2988	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	0.8365	0.3054	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9338	0.2074	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	0.9643	0.1522	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9492	0.1804	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9492	0.1804	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.722	0.3612	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.722	0.3612	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9757	0.1333	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9757	0.1333	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9748	0.1356	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.8427	0.2707	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	29	1	0	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.981	0.1041	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9816	0.1024	unknown	ShapiroWilk
Trichloroethene (ug/L)	**MW-18AR**	**Yes**	**5.08**	**10/1/2019**	**Dixon`s**	**0.05**	**16**	**1.781**	**0.9895**	**normal**	**ShapiroWilk**
Trichloroethene (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9379	0.1839	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9178	0.208	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	1.095	0.8251	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9803	0.1058	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9803	0.1058	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9796	0.1077	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9554	0.1641	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9789	0.1097	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9796	0.1077	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9154	0.2105	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9776	0.1207	unknown	ShapiroWilk

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Trichloroethene (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9796	0.1077	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9789	0.1097	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9263	0.1986	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9263	0.1986	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9263	0.1986	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9263	0.1986	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9263	0.1986	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9816	0.1024	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9803	0.1058	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9529	0.1634	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9395	0.1817	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8689	0.253	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-312A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9239	0.2015	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9438	0.1756	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	40	0.9695	0.1349	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9531	0.1662	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9531	0.1662	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.764	0.3055	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.764	0.3055	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.981	0.1041	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	0.981	0.1041	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9803	0.1058	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	2.441	1.738	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	3.793	0.7736	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	3.779	0.8437	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-17A-00	No	n/a	n/a	NP (nrm)	NaN	31	2.583	1.813	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-18AR	No	n/a	n/a	EPA 1989	0.05	15	5.883	6.27	ln(x)	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	3.306	1.37	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-200A	No	n/a	n/a	NP (nrm)	NaN	36	2.741	1.711	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	3.246	1.413	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.772	0.8576	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.772	0.8576	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	3.764	0.8722	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	3.66	1.004	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	3.755	0.8875	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	3.764	0.8722	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	3.246	1.413	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.671	0.9879	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	3.764	0.8722	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	3.755	0.8875	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	3.175	1.459	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-217A	No	n/a	n/a	NP (nrm)	NaN	32	3.175	1.459	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-218A	No	n/a	n/a	NP (nrm)	NaN	32	3.175	1.459	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-219A	No	n/a	n/a	NP (nrm)	NaN	32	3.175	1.459	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-220A	No	n/a	n/a	NP (nrm)	NaN	32	3.175	1.459	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	3.786	0.8305	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.772	0.8576	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	3.401	1.284	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	3.323	1.356	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	2.701	1.687	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:32 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Trichlorofluoromethane (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	2.624	1.706	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	3.372	1.318	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	37	3.645	1.039	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	3.494	1.215	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	3.494	1.215	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	1.661	1.635	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	1.661	1.635	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	3.779	0.8437	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	3.779	0.8437	unknown	ShapiroWilk
Trichlorofluoromethane (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	3.772	0.8576	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	0.798	0.3515	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-12B	No	n/a	n/a	NP (nrm)	NaN	29	1	0	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9727	0.1497	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9735	0.1473	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	0.6574	0.3661	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9203	0.2383	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	0.9158	0.2442	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9134	0.2473	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9717	0.1523	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9717	0.1523	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9707	0.155	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9796	0.1077	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9364	0.2295	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9707	0.155	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	0.9134	0.2473	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9803	0.1058	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	0.9707	0.155	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	0.9696	0.1578	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-216A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9053	0.2575	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-217A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9053	0.2575	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-218A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9053	0.2575	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-219A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9053	0.2575	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-220A	n/a	n/a	n/a	NP (nrm)	NaN	32	0.9053	0.2575	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9735	0.1473	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9717	0.1523	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	0.9418	0.2041	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	0.9223	0.2355	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	0.8317	0.3283	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-312A	n/a	n/a	n/a	NP (nrm)	NaN	31	0.9023	0.2611	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	0.9279	0.2276	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	40	0.9653	0.156	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9465	0.1921	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	0.9465	0.1921	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	0.697	0.3978	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	0.697	0.3978	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	0.9727	0.1497	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-7B1	No	n/a	n/a	NP (nrm)	NaN	30	0.8181	0.313	unknown	ShapiroWilk
Vinyl Chloride (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	0.9442	0.2086	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-10B	n/a	n/a	n/a	NP (nrm)	NaN	15	2.153	1.074	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-12B	n/a	n/a	n/a	NP (nrm)	NaN	29	3.345	1.778	unknown	ShapiroWilk

Outlier Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 4:32 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distrib...	Normality Test
Xylenes, Total (ug/L)	MW-14B	n/a	n/a	n/a	NP (nrm)	NaN	30	3.18	1.74	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-17A-00	n/a	n/a	n/a	NP (nrm)	NaN	31	3.271	1.784	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-18AR	No	n/a	n/a	NP (nrm)	NaN	16	2.081	1.013	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-1B	n/a	n/a	n/a	NP (nrm)	NaN	38	2.797	1.095	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-200A	n/a	n/a	n/a	NP (nrm)	NaN	36	2.869	1.759	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-201A	n/a	n/a	n/a	NP (nrm)	NaN	35	3.037	1.931	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-202A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.29	1.845	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-203A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.393	1.911	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-204A	n/a	n/a	n/a	NP (nrm)	NaN	28	3.134	2.055	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-205A	n/a	n/a	n/a	NP (nrm)	NaN	28	3.182	1.781	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-208B	n/a	n/a	n/a	NP (nrm)	NaN	27	2.978	0.8026	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-210B	n/a	n/a	n/a	NP (nrm)	NaN	28	3.3	1.878	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-211B	n/a	n/a	n/a	NP (nrm)	NaN	35	2.866	1.784	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-213A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.176	1.75	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-214A	n/a	n/a	n/a	NP (nrm)	NaN	28	3.336	1.882	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-215A	n/a	n/a	n/a	NP (nrm)	NaN	27	3.348	1.916	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-216A	No	n/a	n/a	NP (nrm)	NaN	32	2.572	0.8429	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-217A	No	n/a	n/a	NP (nrm)	NaN	32	2.572	0.8429	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-218A	No	n/a	n/a	NP (nrm)	NaN	32	2.572	0.8429	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-219A	No	n/a	n/a	NP (nrm)	NaN	32	2.572	0.8429	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-220A	No	n/a	n/a	NP (nrm)	NaN	32	2.572	0.8429	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-23A	n/a	n/a	n/a	NP (nrm)	NaN	31	3.174	1.711	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-24A	n/a	n/a	n/a	NP (nrm)	NaN	29	3.29	1.845	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-25A-00	n/a	n/a	n/a	NP (nrm)	NaN	38	3.024	1.733	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-29A	n/a	n/a	n/a	NP (nrm)	NaN	39	2.905	1.698	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-310A	No	n/a	n/a	NP (nrm)	NaN	18	2.294	1.027	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-312A	No	n/a	n/a	NP (nrm)	NaN	17	2.253	1.043	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-31B	n/a	n/a	n/a	NP (nrm)	NaN	42	2.96	1.695	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-34A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	33	3.076	1.706	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-38A (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	2.75	0.6556	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-39B (bg)	n/a	n/a	n/a	NP (nrm)	NaN	26	2.75	0.6556	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-408	n/a	n/a	n/a	NP (nrm)	NaN	10	1.73	1.093	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-410	n/a	n/a	n/a	NP (nrm)	NaN	10	1.73	1.093	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-5B	n/a	n/a	n/a	NP (nrm)	NaN	30	3.28	1.814	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-7B1	n/a	n/a	n/a	NP (nrm)	NaN	30	3.28	1.814	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-8B	n/a	n/a	n/a	NP (nrm)	NaN	29	3.29	1.845	unknown	ShapiroWilk

Groundwater Monitoring Wells –

Flagged Outliers

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Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-205A Antimony (mg/L)	MW-213A Antimony (mg/L)	MW-6B Arsenic (mg/L)	MW-8B Arsenic (mg/L)	MW-203A Arsenic (mg/L)	MW-209B Arsenic (mg/L)	MW-207A Arsenic (mg/L)	MW-214A Arsenic (mg/L)	MW-200A Arsenic (mg/L)	MW-220A Arsenic (mg/L)
2/27/2008										
5/12/2008										
7/13/2008										
9/14/2008										
4/14/2009										
7/7/2009										
9/2/2009										
10/25/2009					0.0089 (o)					
1/2/2010										
3/3/2010					0.0057 (o)				0.026 (o)	
5/10/2010										
9/13/2010	0.00656 (o)	0.0145 (o)							0.012 (o)	
4/4/2011								0.014 (o)		
10/13/2011										
12/5/2011										
4/11/2012			0.0073 (o)							
8/1/2012										
10/11/2012				0.14 (o)						
12/13/2012										0.00968 (o)
2/4/2013										
3/30/2013										
7/10/2013										
10/7/2013										
6/2/2014						0.191 (o)				
10/15/2014						<0.005 (o)				
4/6/2015										
10/5/2015										
4/4/2016										
10/17/2016										
4/17/2017										
4/25/2018										
5/1/2018										
5/2/2018										
10/16/2018										
4/16/2019										
10/1/2019										
3/30/2020										
4/13/2021										
10/14/2022										
5/1/2023										
10/16/2023										
4/29/2024										
2/25/2025										
4/28/2025							0.259 (o)			

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-1A Barium (mg/L)	MW-2A-97 Barium (mg/L)	MW-8B Barium (mg/L)	MW-17A-00 Barium (mg/L)	MW-23A Barium (mg/L)	MW-210B Barium (mg/L)	MW-212A Barium (mg/L)	MW-207A Barium (mg/L)	MW-214A Barium (mg/L)	MW-200A Barium (mg/L)
2/27/2008	1.05 (o)									
5/12/2008										
7/13/2008										
9/14/2008										
4/14/2009										
7/7/2009				0.16 (o)						
9/2/2009					0.467 (o)					
10/25/2009										
1/2/2010										
3/3/2010										1.46 (o)
5/10/2010					0.625 (o)					
9/13/2010										
4/4/2011										
10/13/2011							2.33 (o)			
12/5/2011										
4/11/2012										
8/1/2012										
10/11/2012			3.83 (o)							
12/13/2012										
2/4/2013										
3/30/2013										
7/10/2013										
10/7/2013										
6/2/2014										
10/15/2014										
4/6/2015										
10/5/2015										
4/4/2016										
10/17/2016									0.0572 (o)	
4/17/2017									0.514 (o)	
4/25/2018										
5/1/2018										
5/2/2018										
10/16/2018										
4/16/2019		0.687 (o)								
10/1/2019										
3/30/2020										
4/13/2021						0.665 (o)				
10/14/2022										
5/1/2023										
10/16/2023										
4/29/2024										
2/25/2025										
4/28/2025								1.96 (o)		

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-211B Barium (mg/L)	MW-38A Barium (mg/L)	MW-39B Barium (mg/L)	MW-216A Barium (mg/L)	MW-217A Barium (mg/L)	MW-220A Barium (mg/L)	MW-200A Beryllium (mg/L)	MW-38A Beryllium (mg/L)	MW-216A Beryllium (mg/L)	MW-220A Beryllium (mg/L)
2/27/2008										
5/12/2008										
7/13/2008										
9/14/2008										
4/14/2009										
7/7/2009										
9/2/2009										
10/25/2009										
1/2/2010										
3/3/2010							0.0129 (o)			
5/10/2010										
9/13/2010										
4/4/2011										
10/13/2011										
12/5/2011										
4/11/2012										
8/1/2012			0.31 (o)							
10/11/2012									0.00758 (o)	
12/13/2012					0.616 (o)	1.85 (o)				
2/4/2013						1.35 (o)			0.00999 (o)	0.00565 (o)
3/30/2013										
7/10/2013				1.42 (o)						
10/7/2013		0.806 (o)			1.82 (o)			0.00163 (o)		
6/2/2014										
10/15/2014										
4/6/2015										
10/5/2015										
4/4/2016										
10/17/2016										
4/17/2017										
4/25/2018										
5/1/2018										
5/2/2018										
10/16/2018			0.247 (o)							
4/16/2019										
10/1/2019										
3/30/2020										
4/13/2021										
10/14/2022										
5/1/2023										
10/16/2023										
4/29/2024										
2/25/2025										
4/28/2025	2.72 (o)									

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-212A Cadmium (mg/L)	MW-214A Cadmium (mg/L)	MW-211B Cadmium (mg/L)	MW-217A Cadmium (mg/L)	MW-219A Cadmium (mg/L)	MW-408 Cadmium (mg/L)	MW-209B Chromium (mg/L)	MW-200A Chromium (mg/L)	MW-216A Chromium (mg/L)	MW-217A Chromium (mg/L)
2/27/2008										
5/12/2008										
7/13/2008										
9/14/2008										
4/14/2009										
7/7/2009										
9/2/2009										
10/25/2009										
1/2/2010										
3/3/2010								0.9 (o)		
5/10/2010										
9/13/2010										
4/4/2011										
10/13/2011	0.00388 (o)	0.00229 (o)								
12/5/2011										
4/11/2012										
8/1/2012					0.000638 (o)					
10/11/2012			0.00449 (o)							
12/13/2012									0.0367 (o)	0.0661 (o)
2/4/2013										
3/30/2013										
7/10/2013										
10/7/2013				0.00181 (o)						0.0224 (o)
6/2/2014										
10/15/2014										
4/6/2015										
10/5/2015										
4/4/2016										
10/17/2016										
4/17/2017										
4/25/2018										
5/1/2018										
5/2/2018										
10/16/2018							0.00519 (o)			
4/16/2019										
10/1/2019										
3/30/2020										
4/13/2021										
10/14/2022						0.0008 (o)				
5/1/2023										
10/16/2023										
4/29/2024										
2/25/2025										
4/28/2025										

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-220A Chromium (mg/L)	MW-1A Cobalt (mg/L)	MW-2A-97 Cobalt (mg/L)	MW-7B1 Cobalt (mg/L)	MW-209B Cobalt (mg/L)	MW-200A Cobalt (mg/L)	MW-310A Cobalt (mg/L)	MW-217A Cobalt (mg/L)	MW-408 Cobalt (mg/L)	MW-34A Copper (mg/L)
2/27/2008		0.0411 (o)								
5/12/2008										0.03 (o)
7/13/2008		0.02 (o)								
9/14/2008										
4/14/2009										
7/7/2009										
9/2/2009			<0.02 (o)							
10/25/2009										
1/2/2010										
3/3/2010						0.0916 (o)				
5/10/2010										
9/13/2010										
4/4/2011										
10/13/2011										
12/5/2011							0.00415 (o)			
4/11/2012				0.00631 (o)						
8/1/2012										
10/11/2012							0.00173 (o)			
12/13/2012	0.242 (o)							0.0405 (o)		
2/4/2013										
3/30/2013					0.00482 (o)					
7/10/2013										
10/7/2013								0.134 (o)		
6/2/2014										
10/15/2014										
4/6/2015										
10/5/2015										
4/4/2016										
10/17/2016										
4/17/2017										
4/25/2018										
5/1/2018										
5/2/2018										
10/16/2018										
4/16/2019										
10/1/2019										
3/30/2020										
4/13/2021										
10/14/2022					0.0036 (o)		0.0062 (o)		0.0189 (o)	
5/1/2023										
10/16/2023										
4/29/2024		0.0211 (o)								
2/25/2025										
4/28/2025										

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-5B Copper (mg/L)	MW-10B Copper (mg/L)	MW-201A Copper (mg/L)	MW-208B Copper (mg/L)	MW-210B Copper (mg/L)	MW-212A Copper (mg/L)	MW-200A Copper (mg/L)	MW-39B Copper (mg/L)	MW-216A Copper (mg/L)	MW-220A Copper (mg/L)
2/27/2008	0.032 (o)	0.029 (o)								
5/12/2008		0.037 (o)								
7/13/2008										
9/14/2008										
4/14/2009										
7/7/2009										
9/2/2009										
10/25/2009										
1/2/2010			0.2 (o)							
3/3/2010							0.63 (o)			
5/10/2010										
9/13/2010										
4/4/2011										
10/13/2011						0.149 (o)				
12/5/2011										
4/11/2012										
8/1/2012										
10/11/2012										
12/13/2012									0.0466 (o)	0.431 (o)
2/4/2013										0.326 (o)
3/30/2013										
7/10/2013									0.0501 (o)	
10/7/2013									0.0201 (o)	
6/2/2014										
10/15/2014				0.00488 (Jo)						
4/6/2015				0.00145 (Jo)						
10/5/2015				0.0023 (o)						
4/4/2016				0.00124 (Jo)						
10/17/2016				0.00122 (Jo)						
4/17/2017										
4/25/2018										
5/1/2018										
5/2/2018										
10/16/2018				0.00184 (Jo)				0.0129 (o)		
4/16/2019										
10/1/2019										
3/30/2020										
4/13/2021					0.0101 (o)					
10/14/2022										
5/1/2023										
10/16/2023										
4/29/2024										
2/25/2025										
4/28/2025										

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-18AR Copper (mg/L)	MW-29A Cyanide (mg/L)	MW-8B Lead (mg/L)	MW-11B Lead (mg/L)	MW-210B Lead (mg/L)	MW-212A Lead (mg/L)	MW-200A Lead (mg/L)	MW-23A Nickel (mg/L)	MW-31B Nickel (mg/L)	MW-200A Nickel (mg/L)
2/27/2008									0.038 (o)	
5/12/2008										
7/13/2008								0.013 (o)		
9/14/2008				0.023 (o)						
4/14/2009										
7/7/2009										
9/2/2009			0.0067 (o)							
10/25/2009								0.012 (o)		
1/2/2010										
3/3/2010							0.31 (o)			0.62 (o)
5/10/2010		0.154 (o)								
9/13/2010										
4/4/2011										
10/13/2011					0.00912 (o)	0.0349 (o)				
12/5/2011										
4/11/2012										
8/1/2012										
10/11/2012					0.00622 (o)	0.0131 (o)				
12/13/2012										
2/4/2013										
3/30/2013						0.0109 (o)				
7/10/2013										
10/7/2013										
6/2/2014										
10/15/2014										
4/6/2015										
10/5/2015										
4/4/2016										
10/17/2016										
4/17/2017										
4/25/2018										
5/1/2018										
5/2/2018										
10/16/2018										
4/16/2019										
10/1/2019	0.00303 (Jo)									
3/30/2020										
4/13/2021										
10/14/2022	0.0048 (o)									
5/1/2023										
10/16/2023										
4/29/2024										
2/25/2025										
4/28/2025										

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-213A Nickel (mg/L)	MW-220A Nickel (mg/L)	MW-408 Nickel (mg/L)	MW-10B Selenium (mg/L)	MW-209B Selenium (mg/L)	MW-408 Selenium (mg/L)	MW-8B Silver (mg/L)	MW-208B Silver (mg/L)	MW-209B Silver (mg/L)	MW-6B Sulfide (mg/L)
2/27/2008										
5/12/2008										
7/13/2008										
9/14/2008										
4/14/2009										
7/7/2009										
9/2/2009								0.018 (o)	0.017 (o)	
10/25/2009										
1/2/2010										
3/3/2010										
5/10/2010					0.011 (o)					
9/13/2010	0.039 (o)									
4/4/2011										
10/13/2011										
12/5/2011										
4/11/2012										
8/1/2012										
10/11/2012							0.0308 (o)			
12/13/2012		0.205 (o)								
2/4/2013										
3/30/2013										
7/10/2013										
10/7/2013										
6/2/2014										
10/15/2014										
4/6/2015										
10/5/2015										
4/4/2016										
10/17/2016										
4/17/2017										
4/25/2018										
5/1/2018										
5/2/2018										
10/16/2018										
4/16/2019										
10/1/2019										
3/30/2020										7.37 (o)
4/13/2021										
10/14/2022			0.0191 (o)							
5/1/2023										
10/16/2023										
4/29/2024						0.0371 (o)			0.00911 (o)	
2/25/2025				0.0278 (o)						
4/28/2025										

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-8B Sulfide (mg/L)	MW-207A Sulfide (mg/L)	MW-216A Sulfide (mg/L)	MW-219A Sulfide (mg/L)	MW-1A Thallium (mg/L)	MW-6B Thallium (mg/L)	MW-12B Tin (mg/L)	MW-1A Vanadium (mg/L)	MW-6B Vanadium (mg/L)	MW-8B Vanadium (mg/L)
2/27/2008								0.135 (o)		
5/12/2008										
7/13/2008										
9/14/2008										
4/14/2009										0.0624 (o)
7/7/2009										
9/2/2009										
10/25/2009										
1/2/2010										
3/3/2010										
5/10/2010										
9/13/2010										
4/4/2011										
10/13/2011										
12/5/2011										
4/11/2012										
8/1/2012										
10/11/2012										
12/13/2012										
2/4/2013										
3/30/2013										
7/10/2013										
10/7/2013							0.587 (o)			
6/2/2014										
10/15/2014										
4/6/2015										
10/5/2015										
4/4/2016										
10/17/2016										
4/17/2017										
4/25/2018	15.7 (o)									
5/1/2018			4.45 (o)							
5/2/2018				13.5 (o)						
10/16/2018									0.00357 (Jo)	
4/16/2019										
10/1/2019										
3/30/2020		2.08 (o)								
4/13/2021										
10/14/2022										
5/1/2023						0.00434 (o)				
10/16/2023					0.0136 (o)					
4/29/2024										
2/25/2025										
4/28/2025										

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-31B Vanadium (mg/L)	MW-200A Vanadium (mg/L)	MW-211B Vanadium (mg/L)	MW-39B Vanadium (mg/L)	MW-217A Vanadium (mg/L)	MW-218A Vanadium (mg/L)	MW-219A Vanadium (mg/L)	MW-220A Vanadium (mg/L)	MW-1A Zinc (mg/L)	MW-1B Zinc (mg/L)
2/27/2008	0.0642 (o)								0.229 (o)	
5/12/2008										
7/13/2008										
9/14/2008										
4/14/2009										
7/7/2009										
9/2/2009										
10/25/2009										
1/2/2010										
3/3/2010		0.128 (o)								
5/10/2010										
9/13/2010										
4/4/2011										
10/13/2011										
12/5/2011										
4/11/2012										
8/1/2012										
10/11/2012			0.129 (o)							
12/13/2012					0.118 (o)			0.427 (o)		
2/4/2013								0.12 (o)		
3/30/2013										
7/10/2013										
10/7/2013					0.154 (o)					0.125 (oD)
6/2/2014										
10/15/2014										
4/6/2015										
10/5/2015										
4/4/2016										
10/17/2016										
4/17/2017										
4/25/2018										
5/1/2018										
5/2/2018										
10/16/2018				0.0302 (o)						
4/16/2019										
10/1/2019										
3/30/2020									0.272 (o)	
4/13/2021										
10/14/2022										
5/1/2023										
10/16/2023						0.00325 (Jo)	0.00332 (Jo)			
4/29/2024										
2/25/2025										
4/28/2025										

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-6B Zinc (mg/L)	MW-25A-00 Zinc (mg/L)	MW-31B Zinc (mg/L)	MW-214A Zinc (mg/L)	MW-200A Zinc (mg/L)	MW-312A Zinc (mg/L)	MW-38A Zinc (mg/L)	MW-39B Zinc (mg/L)	MW-217A Zinc (mg/L)	MW-218A Zinc (mg/L)
2/27/2008			0.101 (o)							
5/12/2008										
7/13/2008										
9/14/2008										
4/14/2009										
7/7/2009										
9/2/2009										
10/25/2009										
1/2/2010										
3/3/2010					1.38 (o)					
5/10/2010				0.506 (o)						
9/13/2010										
4/4/2011										
10/13/2011										
12/5/2011										
4/11/2012										
8/1/2012										
10/11/2012										
12/13/2012										
2/4/2013										
3/30/2013										
7/10/2013										
10/7/2013	0.1795 (oD)	0.122 (o)	0.161 (o)			0.061 (o)	0.18 (o)		0.285 (o)	0.08485 (oD)
6/2/2014										
10/15/2014										
4/6/2015										
10/5/2015										
4/4/2016										
10/17/2016										
4/17/2017										
4/25/2018										
5/1/2018										
5/2/2018										
10/16/2018								0.0324 (o)		
4/16/2019										
10/1/2019										
3/30/2020										
4/13/2021										
10/14/2022										
5/1/2023										
10/16/2023										
4/29/2024										
2/25/2025										
4/28/2025										

Flagged Outliers- Inorganics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/1/2026, 3:31 PM

	MW-219A Zinc (mg/L)	MW-220A Zinc (mg/L)
2/27/2008		
5/12/2008		
7/13/2008		
9/14/2008		
4/14/2009		
7/7/2009		
9/2/2009		
10/25/2009		
1/2/2010		
3/3/2010		
5/10/2010		
9/13/2010		
4/4/2011		
10/13/2011		
12/5/2011		
4/11/2012		
8/1/2012		
10/11/2012		
12/13/2012		0.54 (o)
2/4/2013		
3/30/2013		
7/10/2013		
10/7/2013	0.0827 (o)	
6/2/2014		
10/15/2014		
4/6/2015		
10/5/2015		
4/4/2016		
10/17/2016		
4/17/2017		
4/25/2018		
5/1/2018		
5/2/2018		
10/16/2018		
4/16/2019		
10/1/2019		
3/30/2020		
4/13/2021		
10/14/2022		
5/1/2023		
10/16/2023		
4/29/2024		
2/25/2025		
4/28/2025		

Flagged Outliers- Organics

	MW-201A 1,1-Dichloroethane (ug/L)	MW-219A 2,4-Dimethylphenol (ug/L)	MW-216A 2-Butanone [MEK] (ug/L)	MW-219A 2-Methylnaphthalene (ug/L)	MW-219A 2-Methylphenol (ug/L)	MW-208B 4,4`-DDD (ug/L)	MW-8B Acetone (ug/L)	MW-23A Acetone (ug/L)	MW-219A Benzyl alcohol (ug/L)	MW-1B Carbon Tetrachloride (ug/L)
9/14/2008										
4/14/2009										
7/7/2009	6.37 (o)									
10/25/2009								19.3 (o)		
3/30/2013										7.84 (o)
7/10/2013		443 (o)		156 (o)	1780 (o)				146 (o)	
10/15/2014						0.302 (o)				
4/25/2018							30.3 (o)			
10/16/2018										
10/1/2019										
10/7/2020			11.6 (o)							
10/9/2024										

	MW-18AR cis-1,2-Dichloroethene (ug/L)	MW-218A Delta-BHC (ug/L)	MW-208B Endrin (ug/L)	MW-204A Ethylbenzene (ug/L)	MW-219A m/p-Cresol (ug/L)	MW-219A O-Toluidine (ug/L)	MW-219A Phenol (ug/L)	MW-18AR Tetrachloroethene (ug/L)	MW-1B Toluene (ug/L)	MW-5B Toluene (ug/L)
9/14/2008										
4/14/2009										
7/7/2009			5.01 (o)							
10/25/2009										
3/30/2013										
7/10/2013		0.242 (o)			2250 (o)	658 (o)	3010 (o)			
10/15/2014			0.56 (o)							
4/25/2018										
10/16/2018										1.82 (o)
10/1/2019	9.09 (o)							7.43 (o)		
10/7/2020									4.07 (o)	
10/9/2024										

Flagged Outliers- Organics

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:07 AM

	MW-10B Toluene (ug/L)	MW-23A Toluene (ug/L)	MW-8B Toxaphene (ug/L)	MW-18AR Trichloroethene (ug/L)	MW-18AR Trichlorofluoromethane (ug/L)	MW-204A Xylenes, Total (ug/L)
9/14/2008		5.07 (o)				
4/14/2009			12.3 (o)			
7/7/2009						5.98 (o)
10/25/2009						
3/30/2013						
7/10/2013						
10/15/2014						
4/25/2018						
10/16/2018						
10/1/2019				5.08 (o)	26.7 (o)	
10/7/2020						
10/9/2024	2.31 (o)					

Groundwater Monitoring Wells –

Time Series

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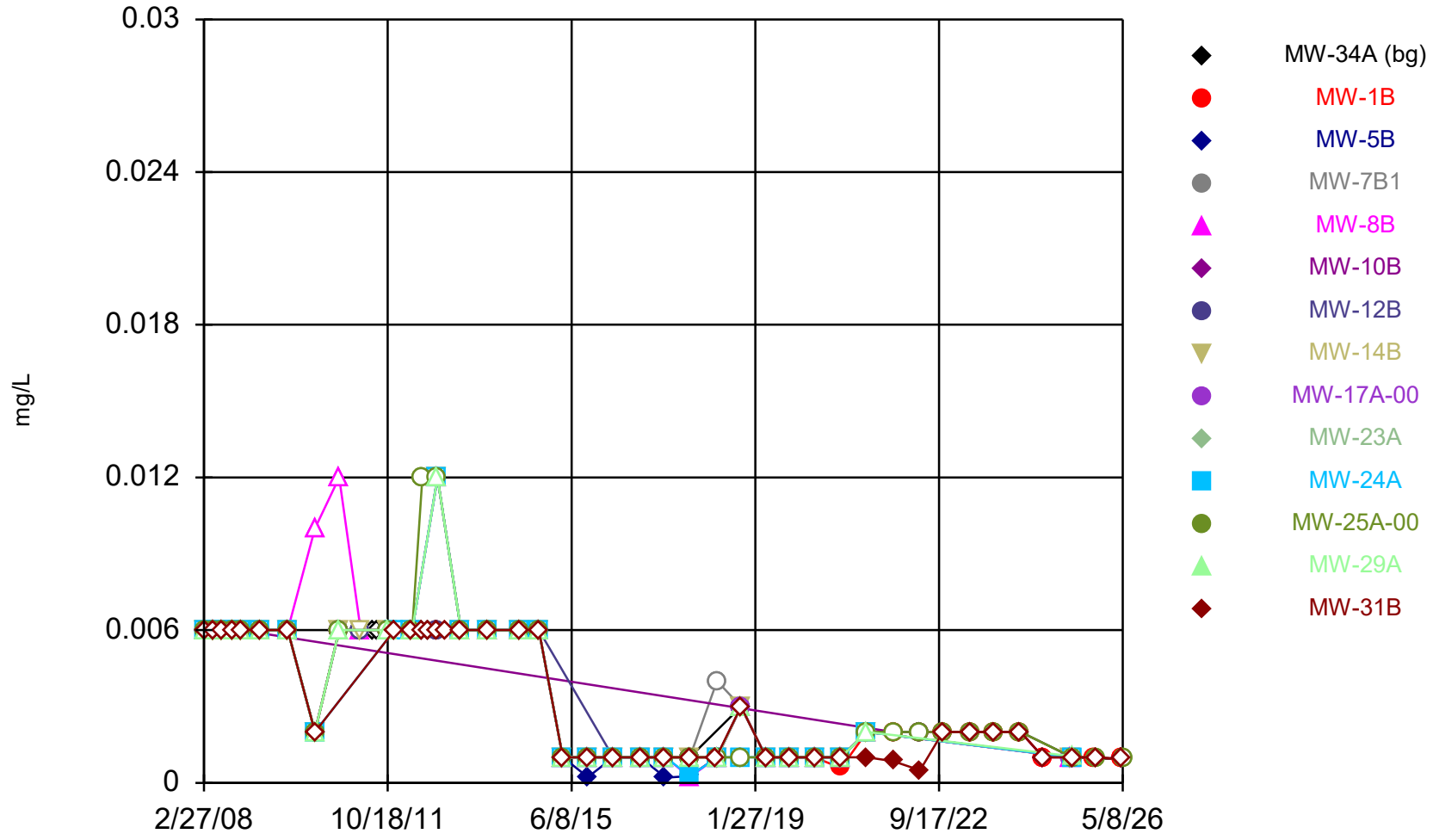
Hollow symbols indicate censored values.

Time Series



Constituent: Antimony Analysis Run 7/20/2026 4:05 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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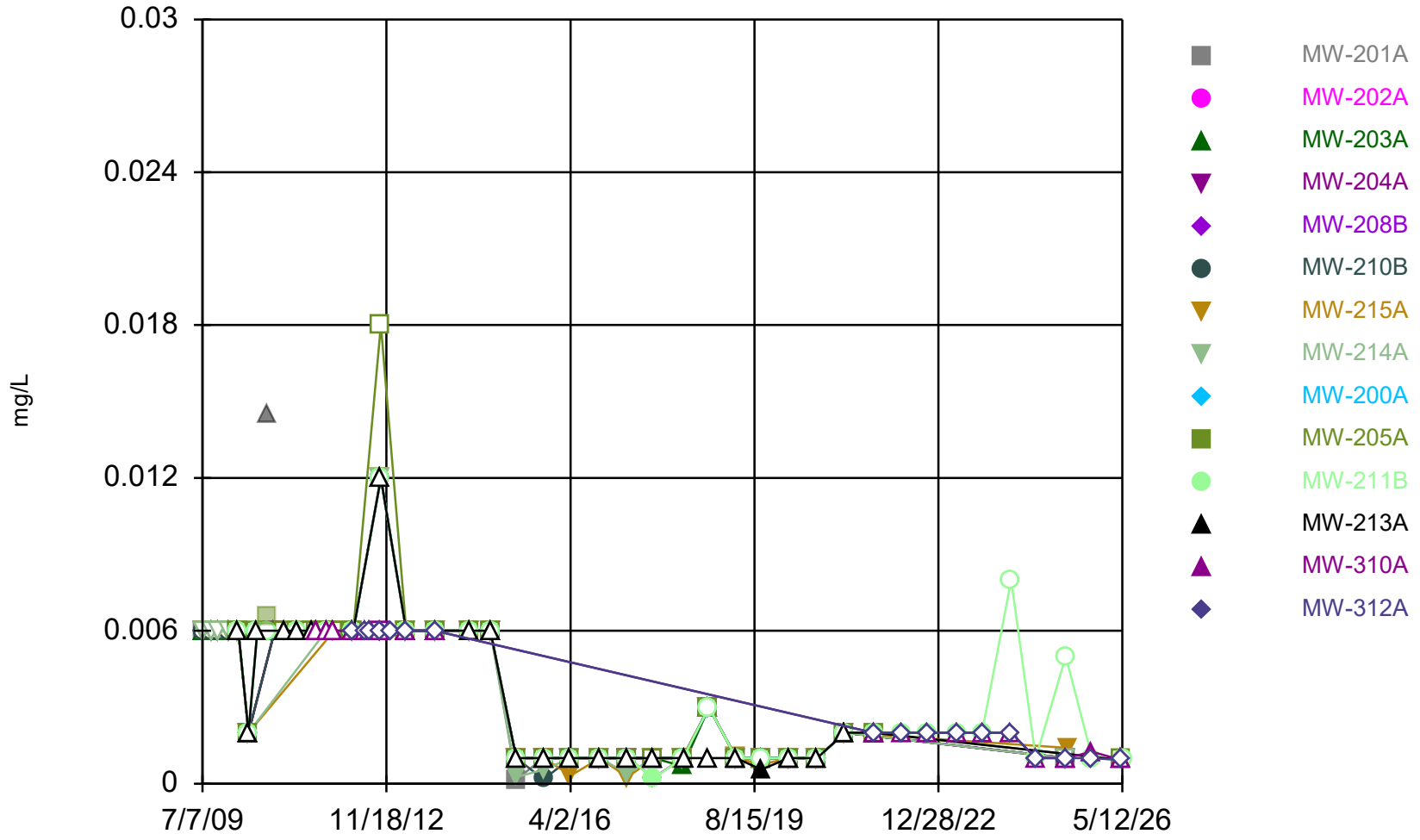
Hollow symbols indicate censored values.

Time Series

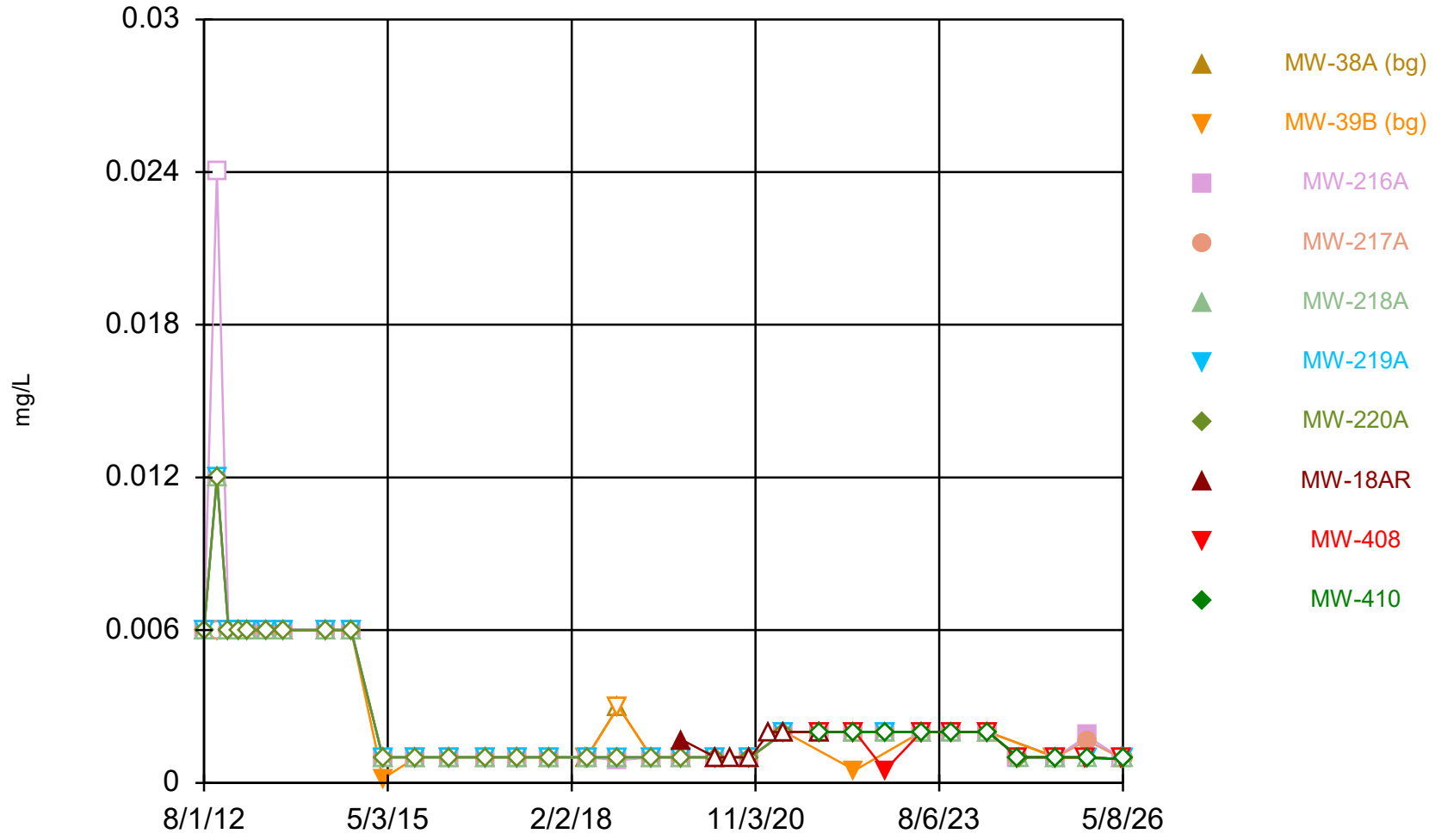


Constituent: Antimony Analysis Run 7/20/2026 4:05 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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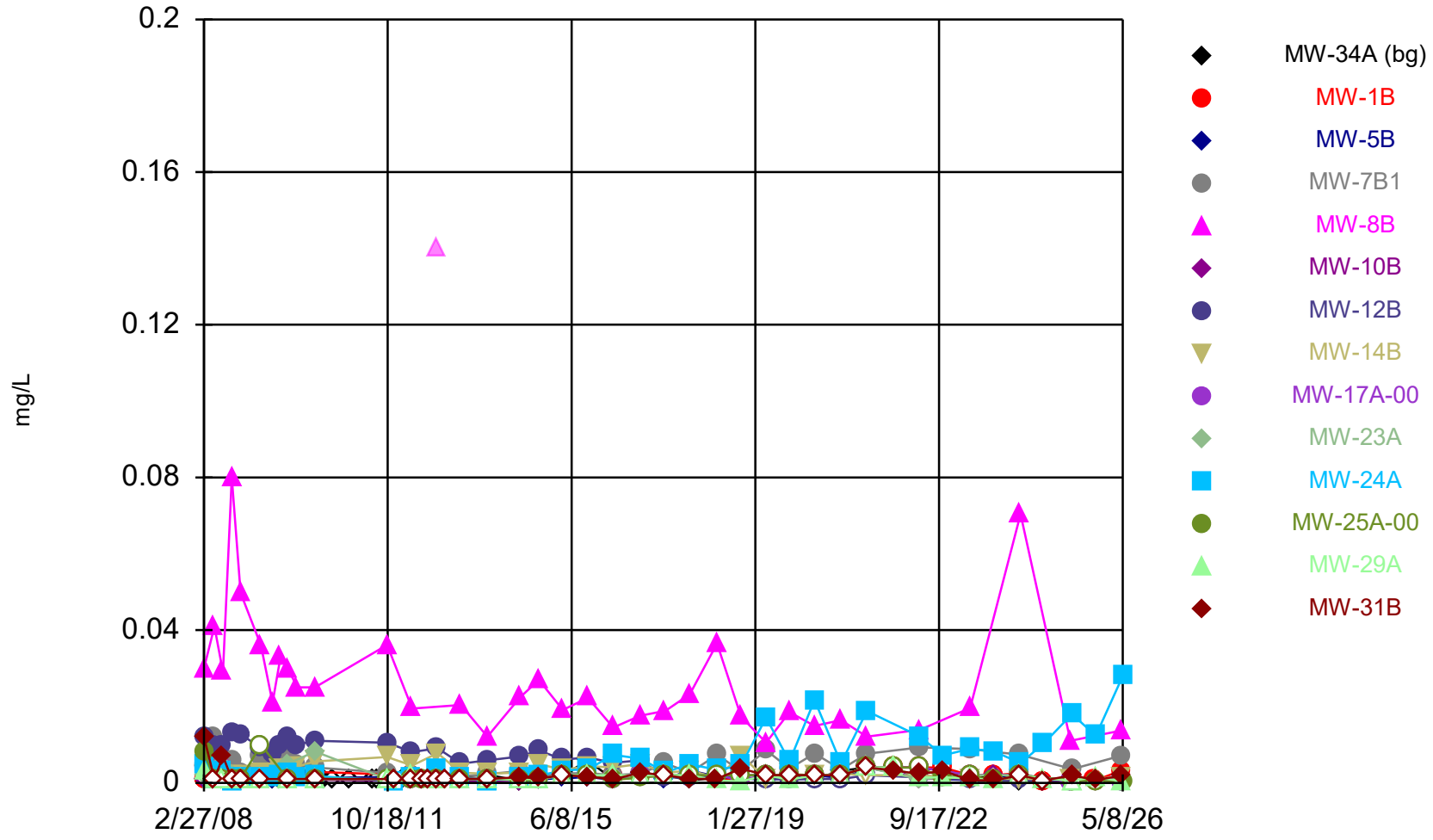
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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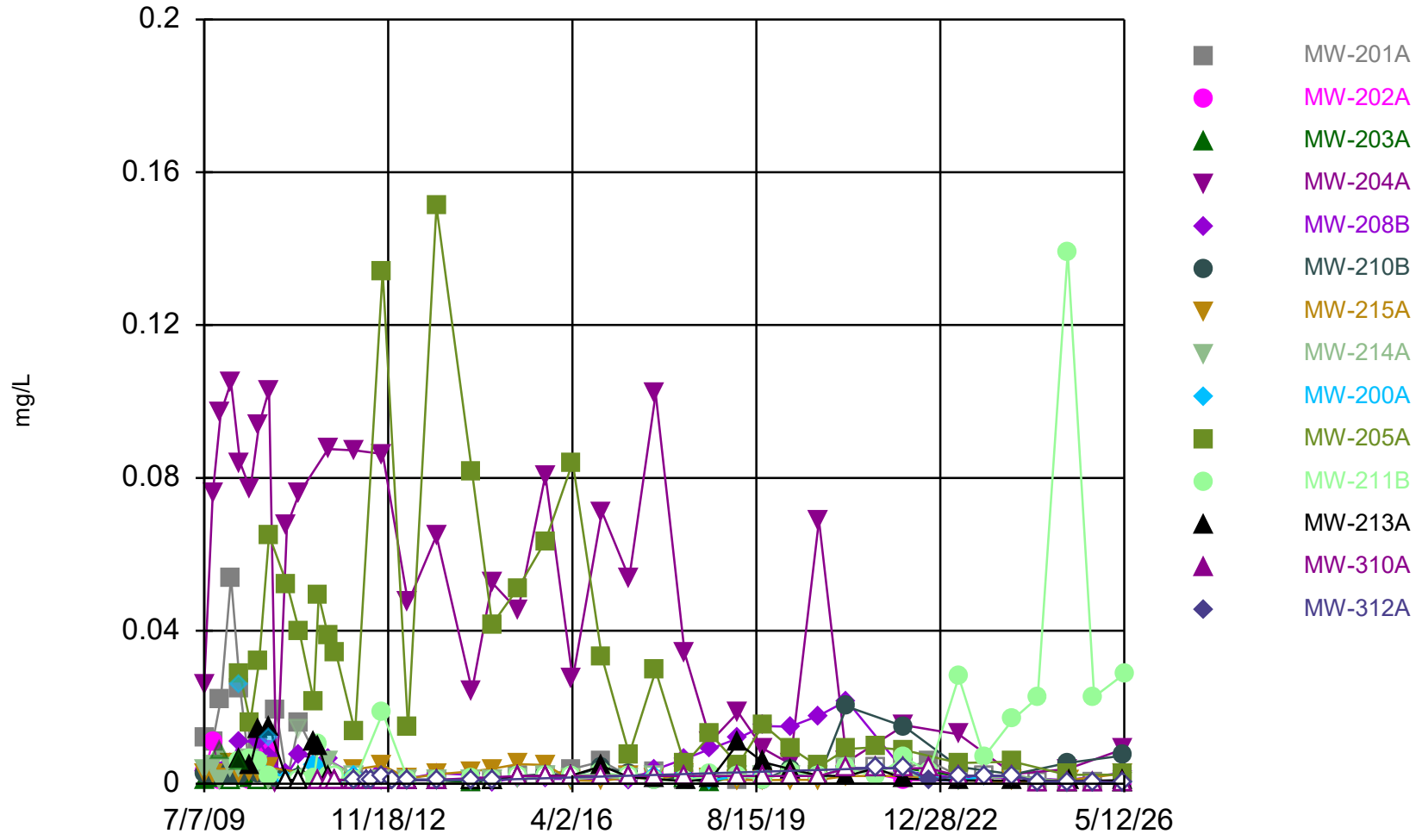
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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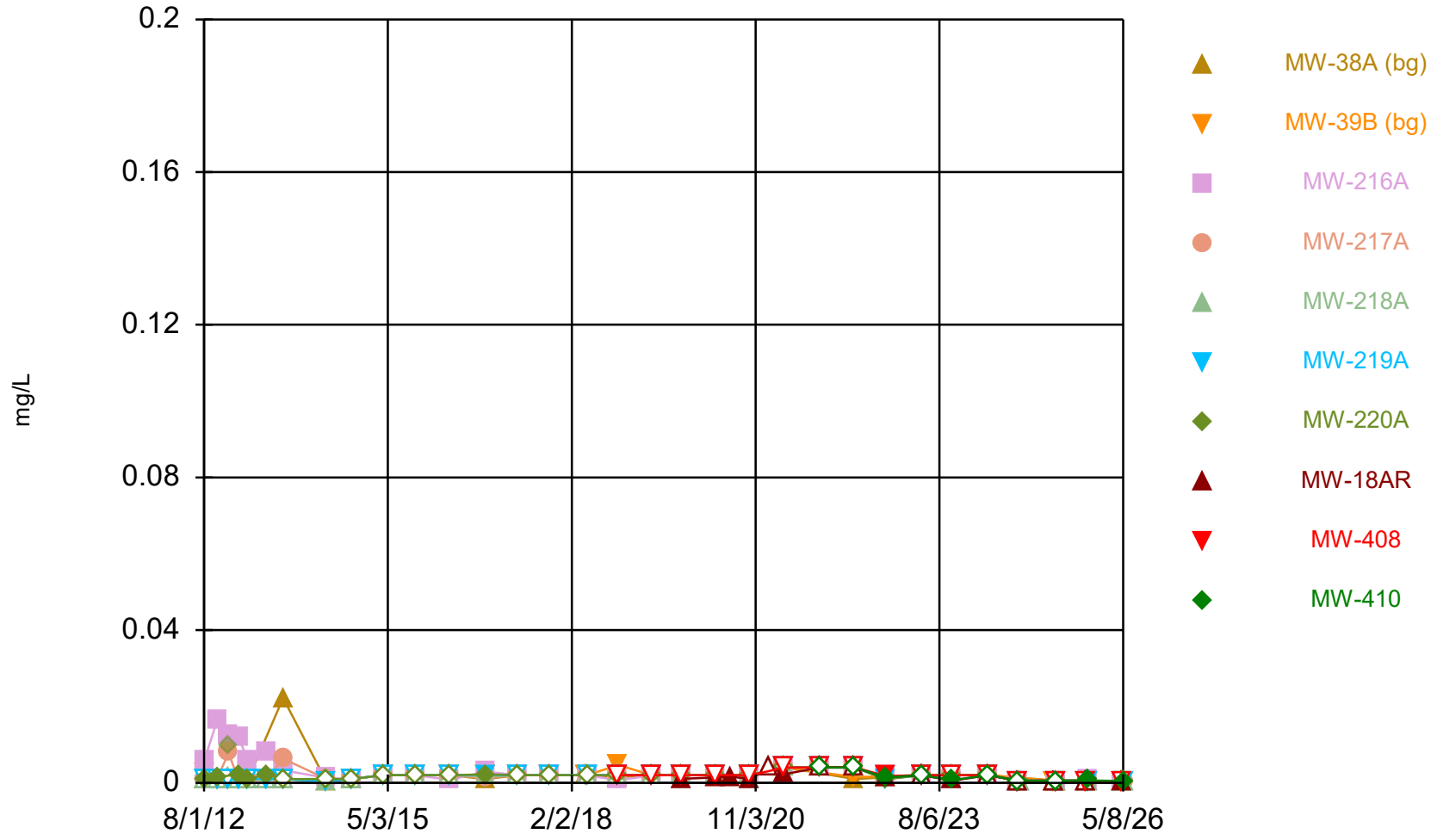
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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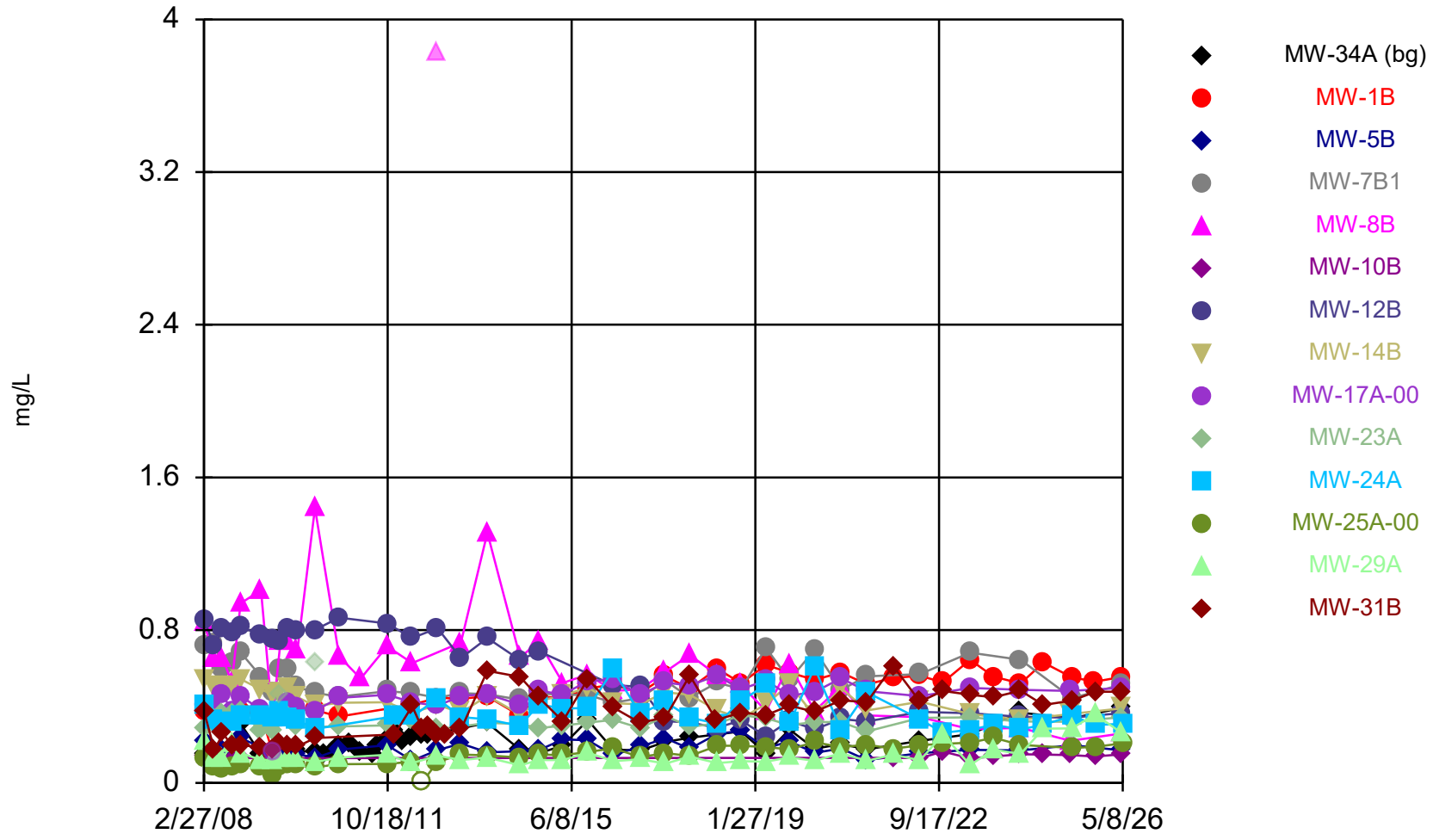
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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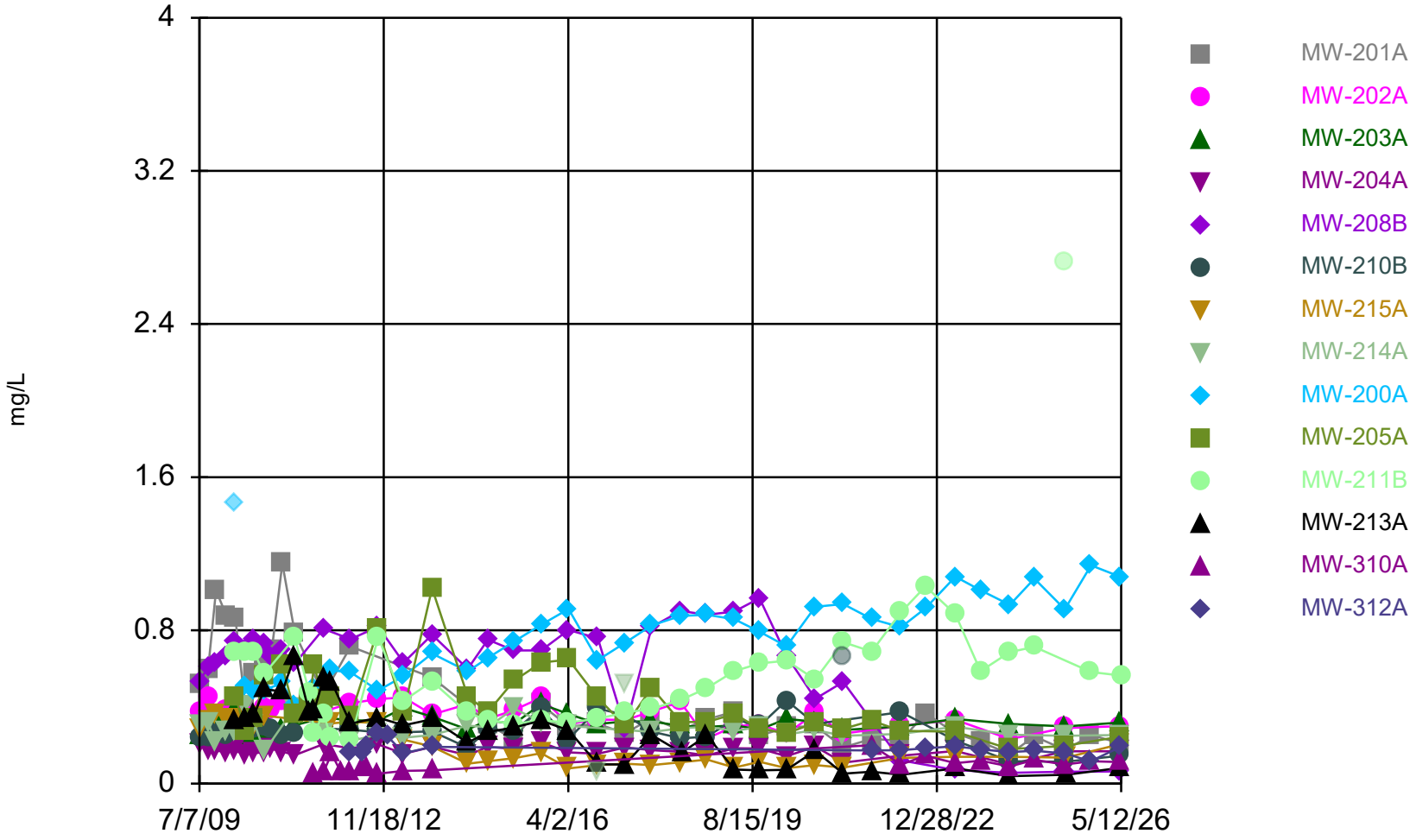
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Time Series

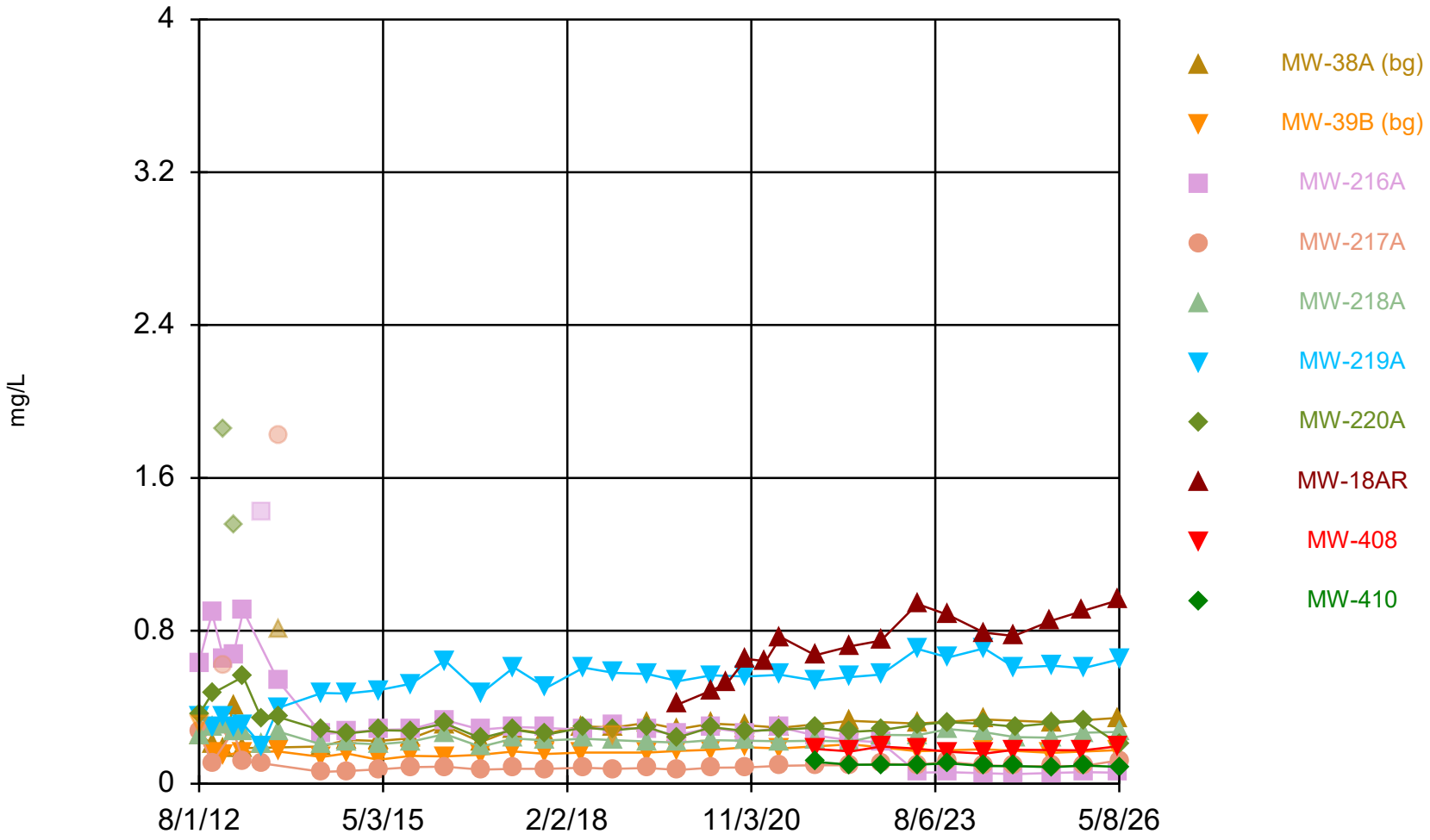


Constituent: Barium Analysis Run 7/20/2026 4:05 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Time Series

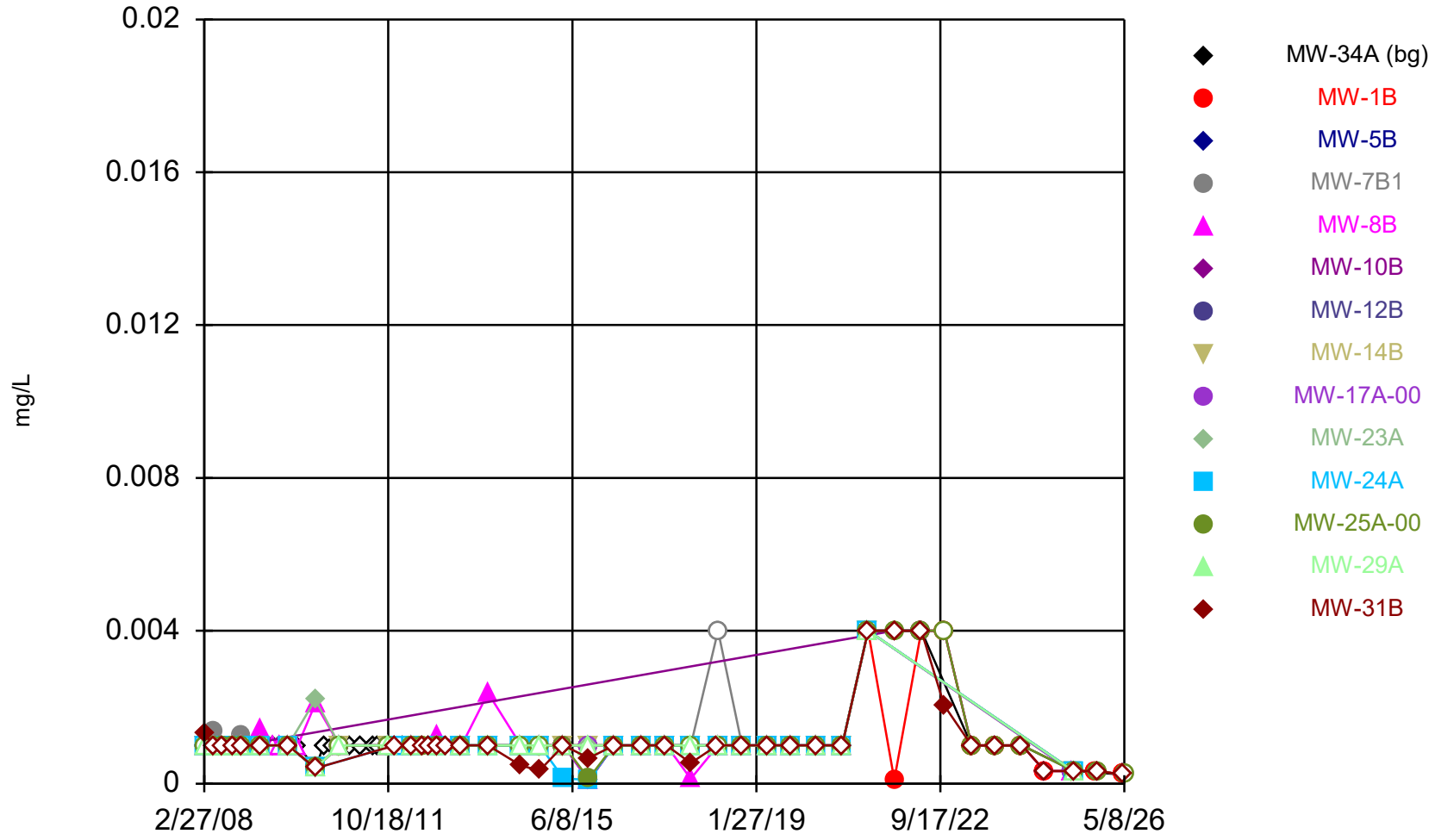


Constituent: Barium Analysis Run 7/20/2026 4:05 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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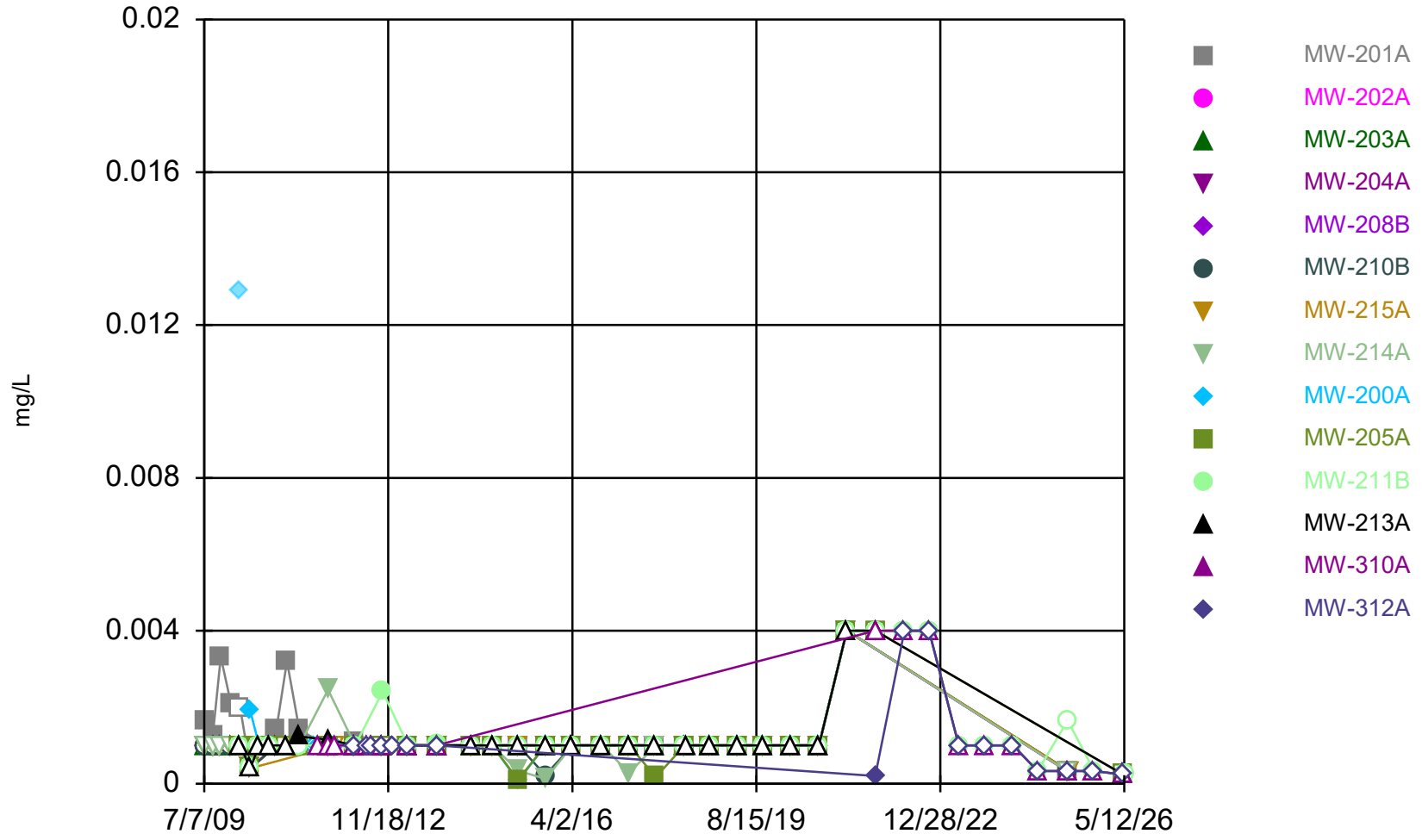
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

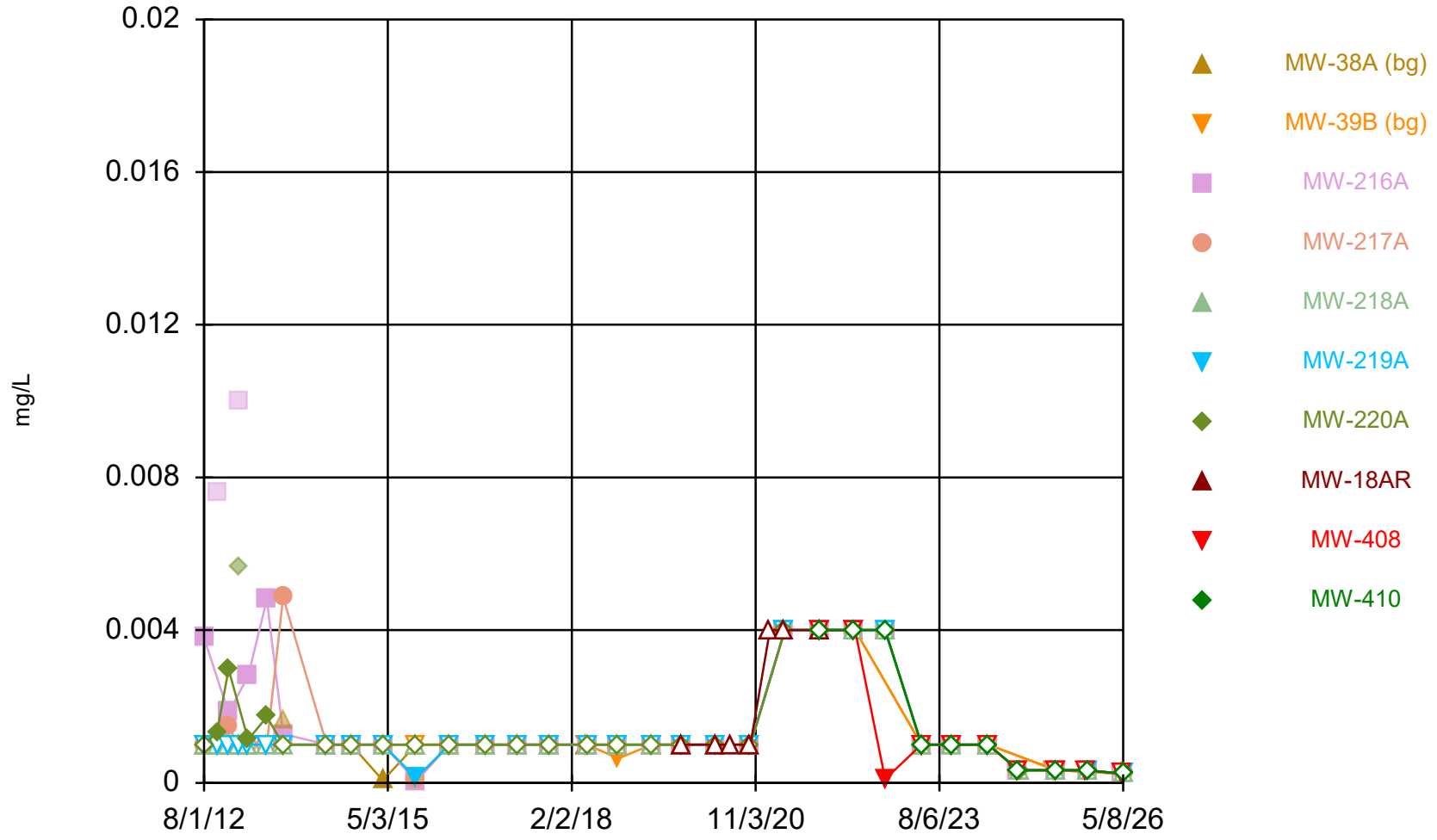


Constituent: Beryllium Analysis Run 7/20/2026 4:05 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

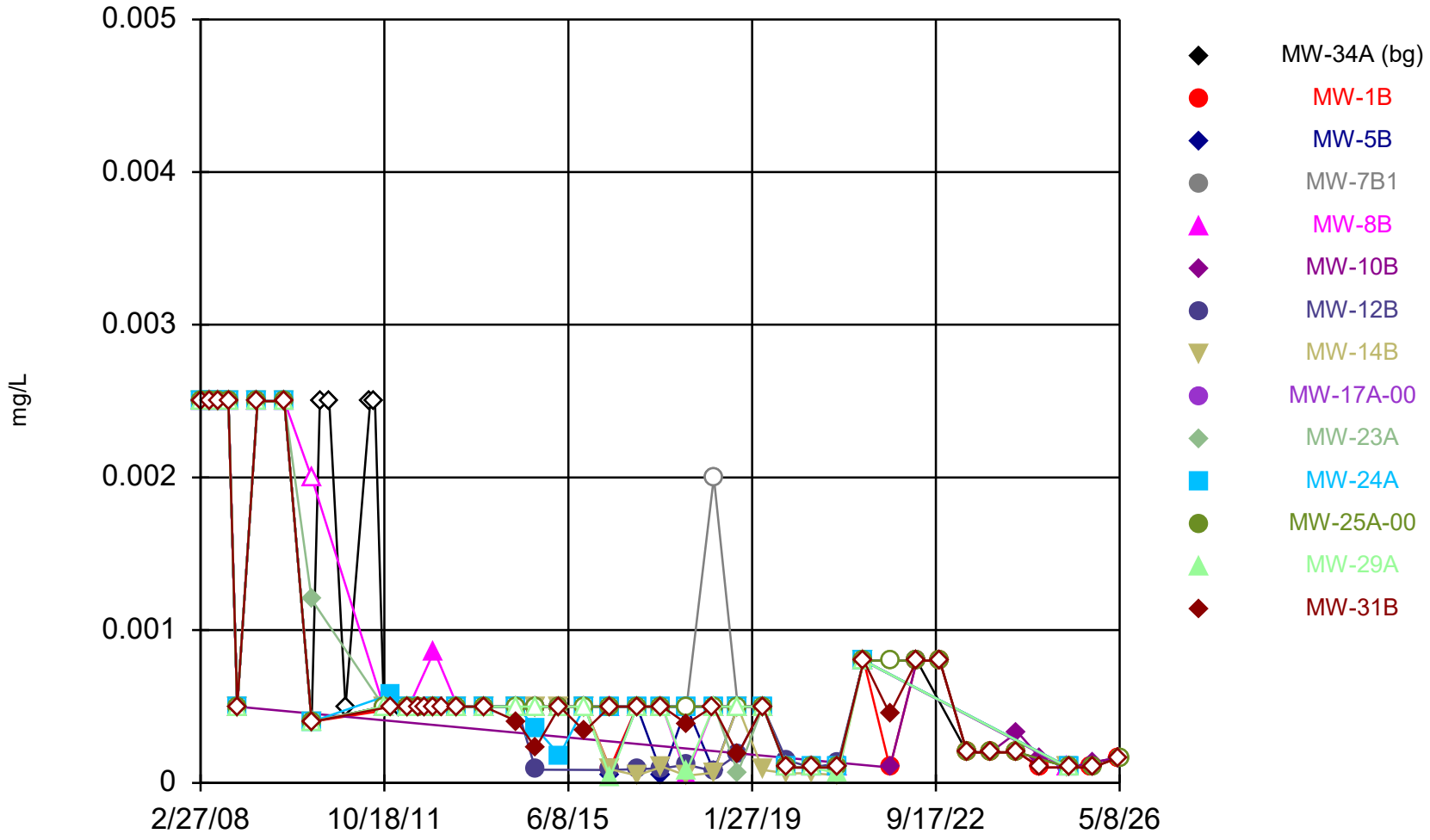


Constituent: Beryllium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

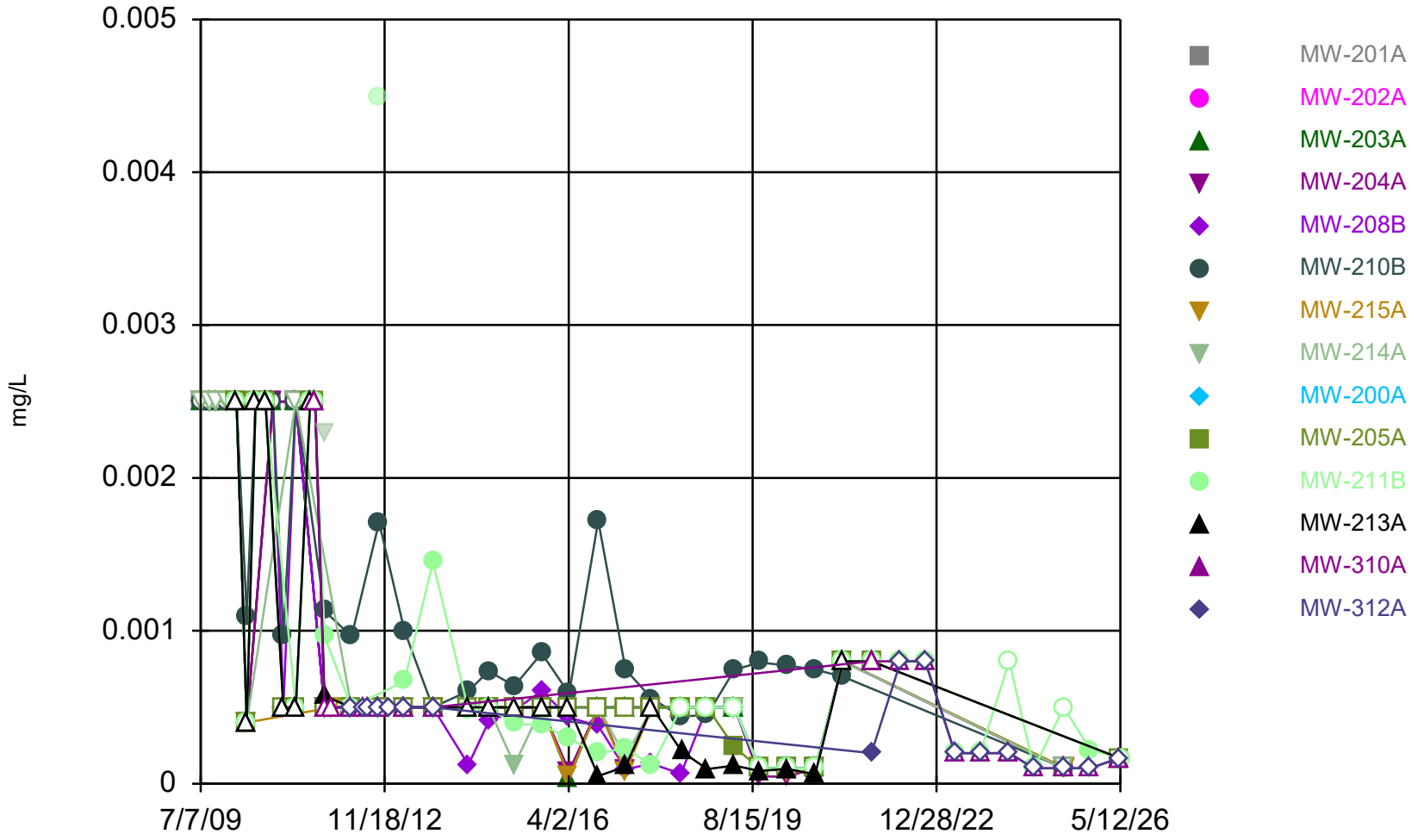


Constituent: Cadmium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

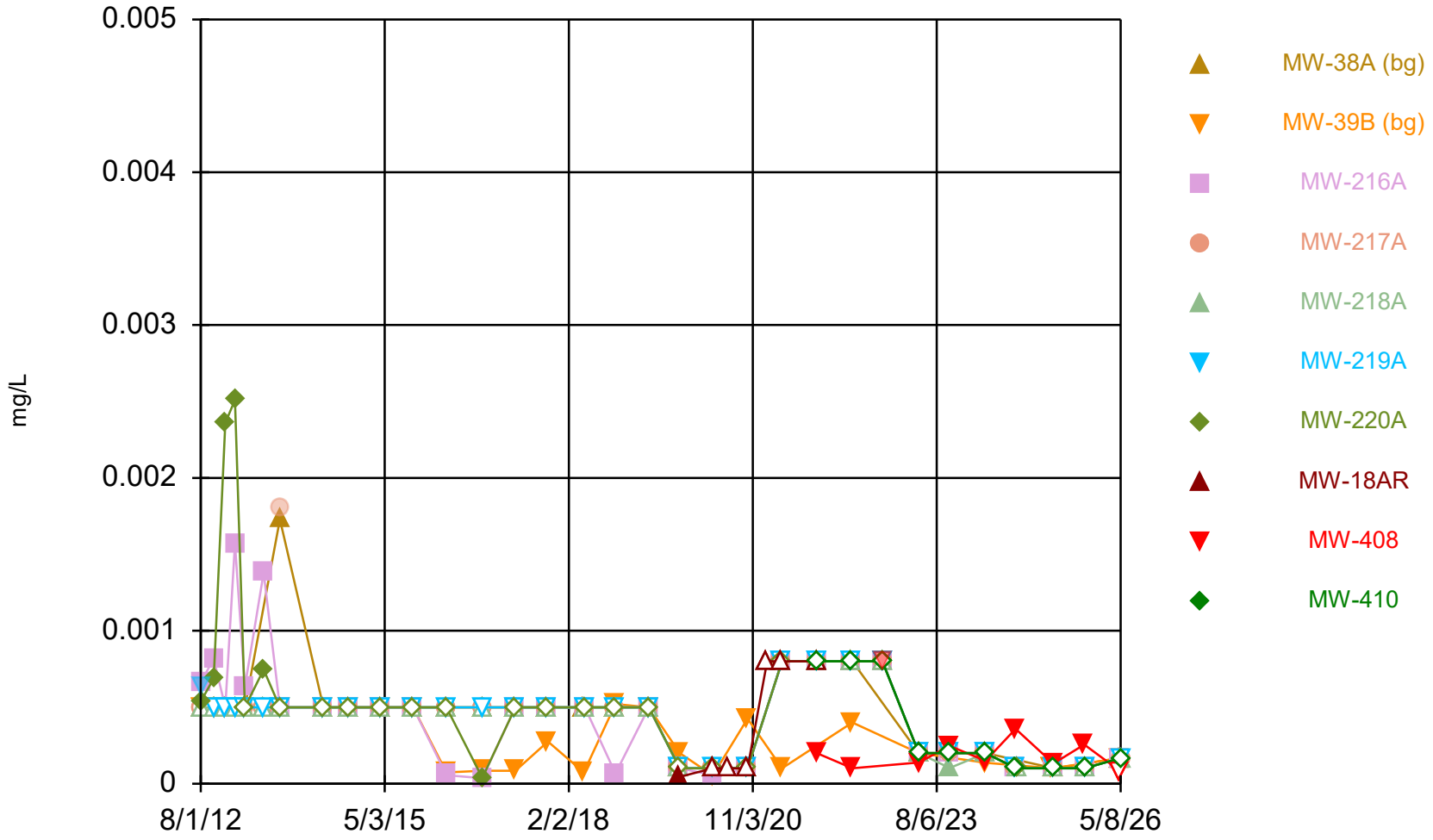


Constituent: Cadmium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

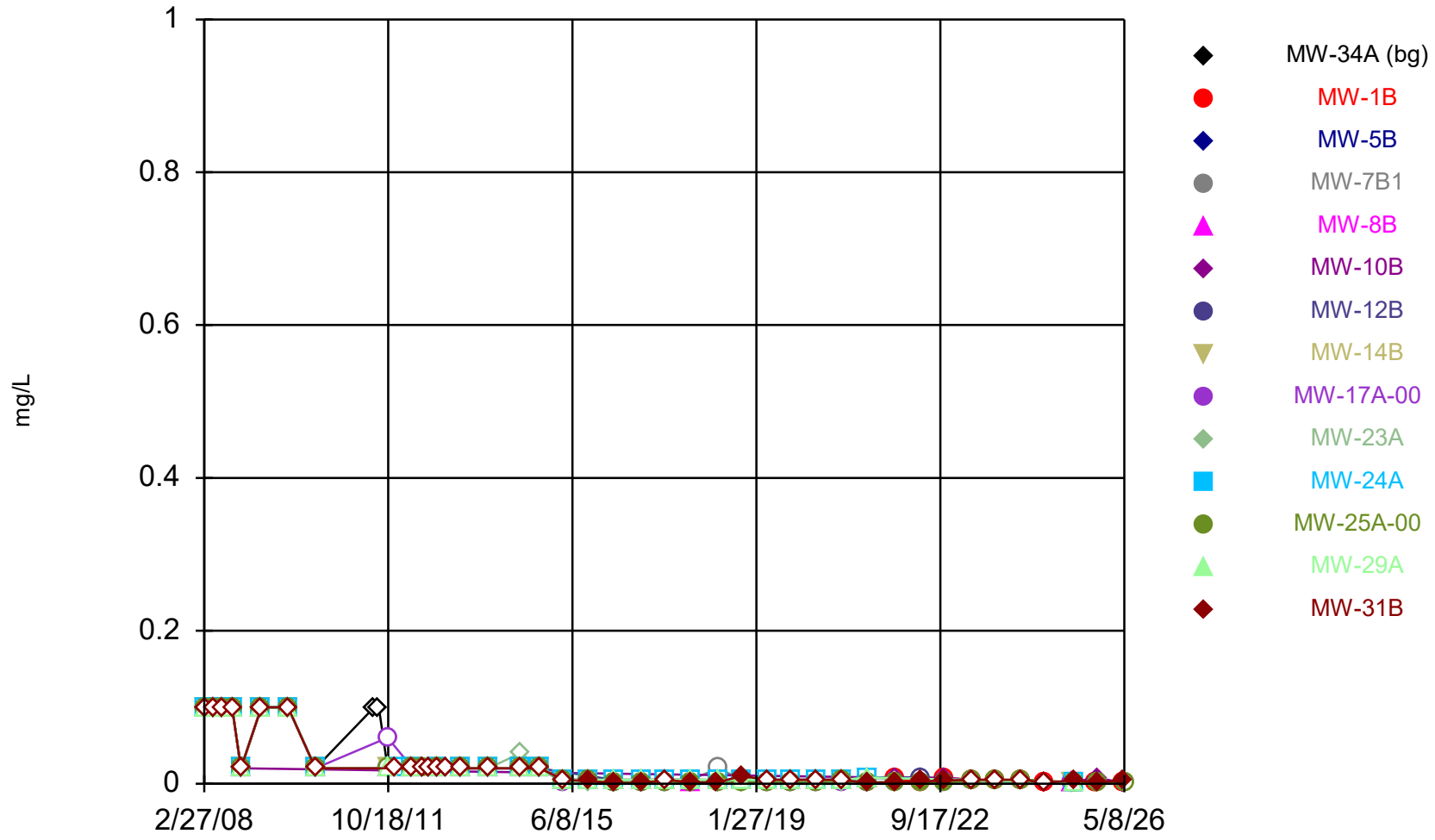


Constituent: Cadmium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

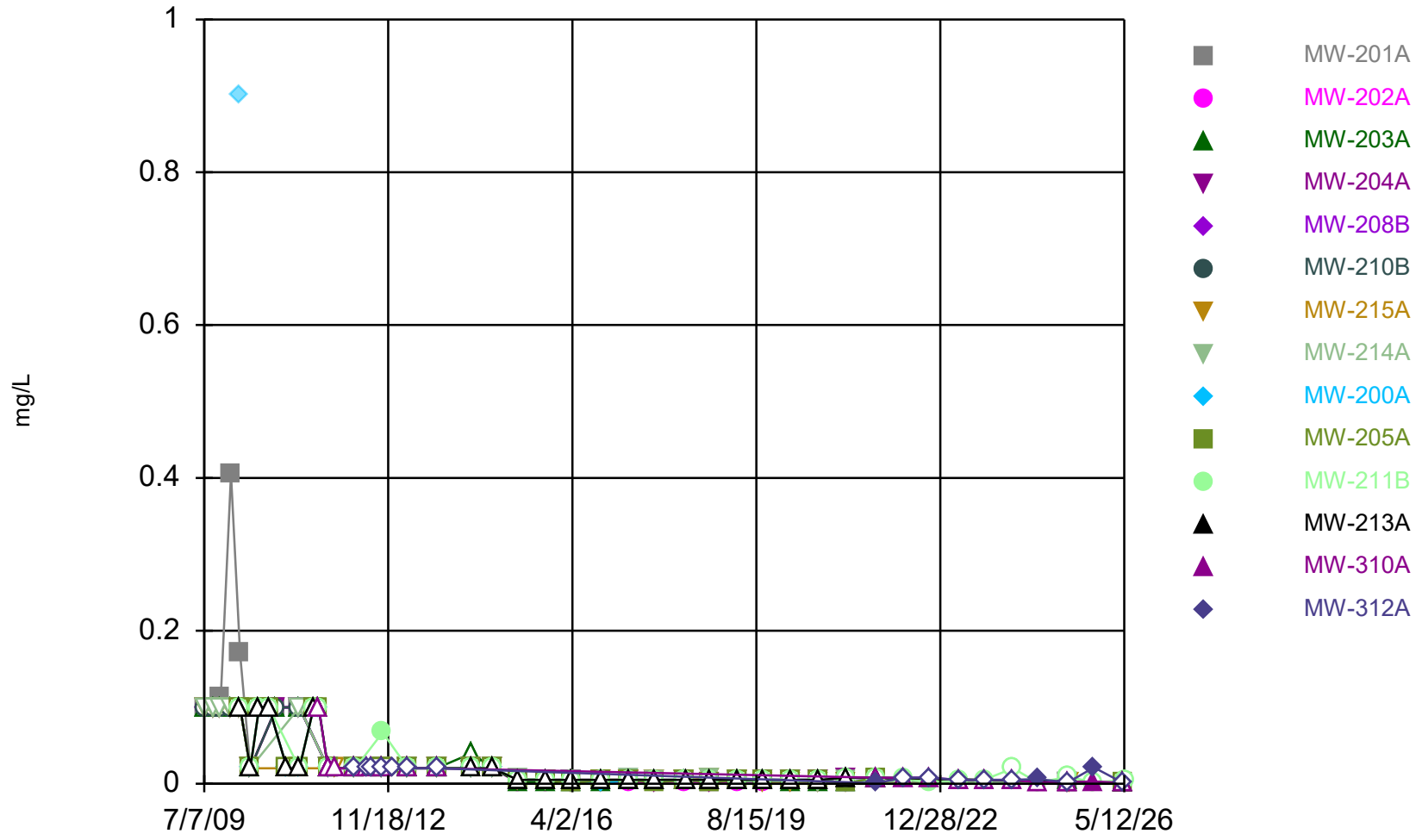


Constituent: Chromium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

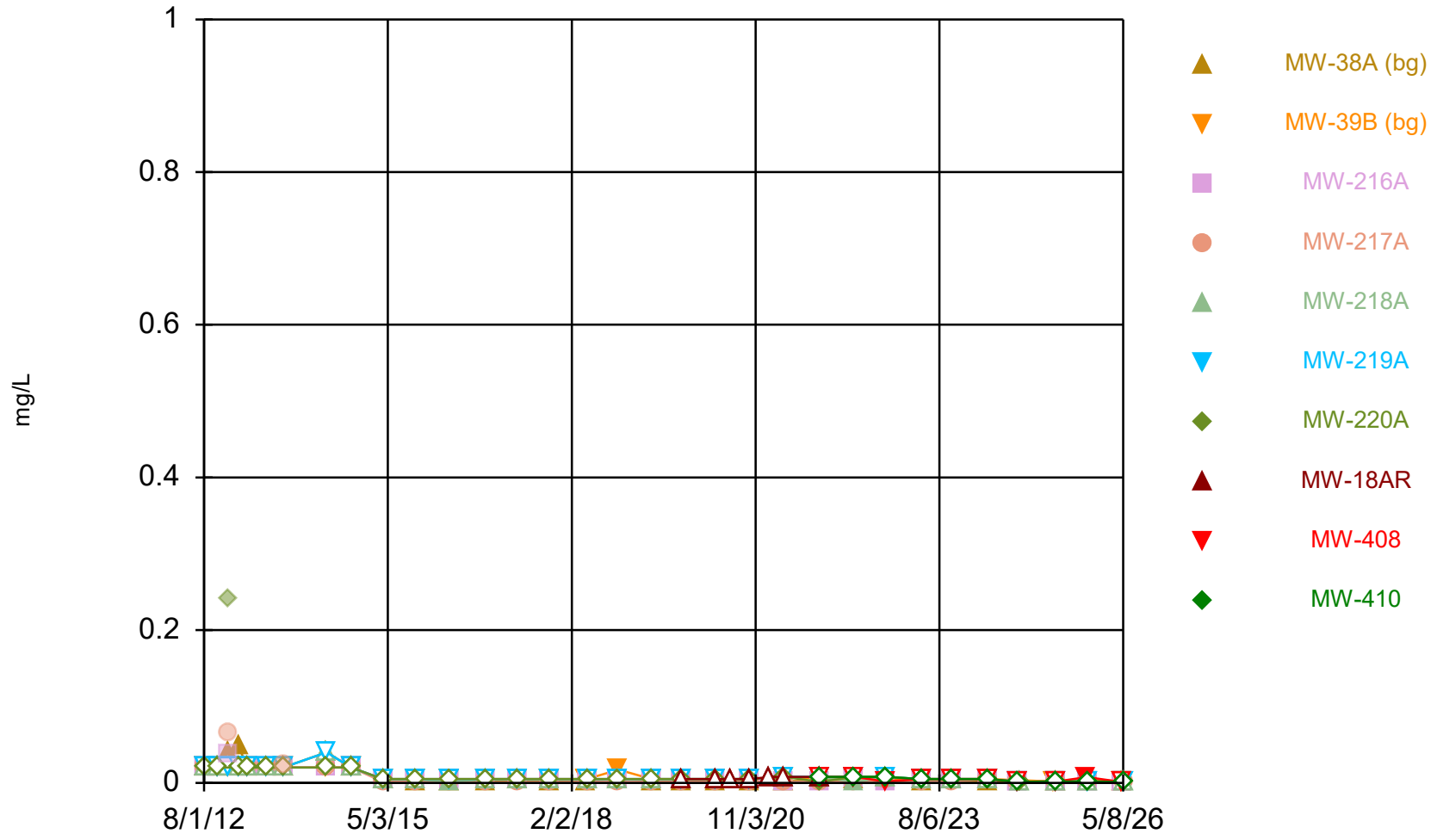


Constituent: Chromium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Chromium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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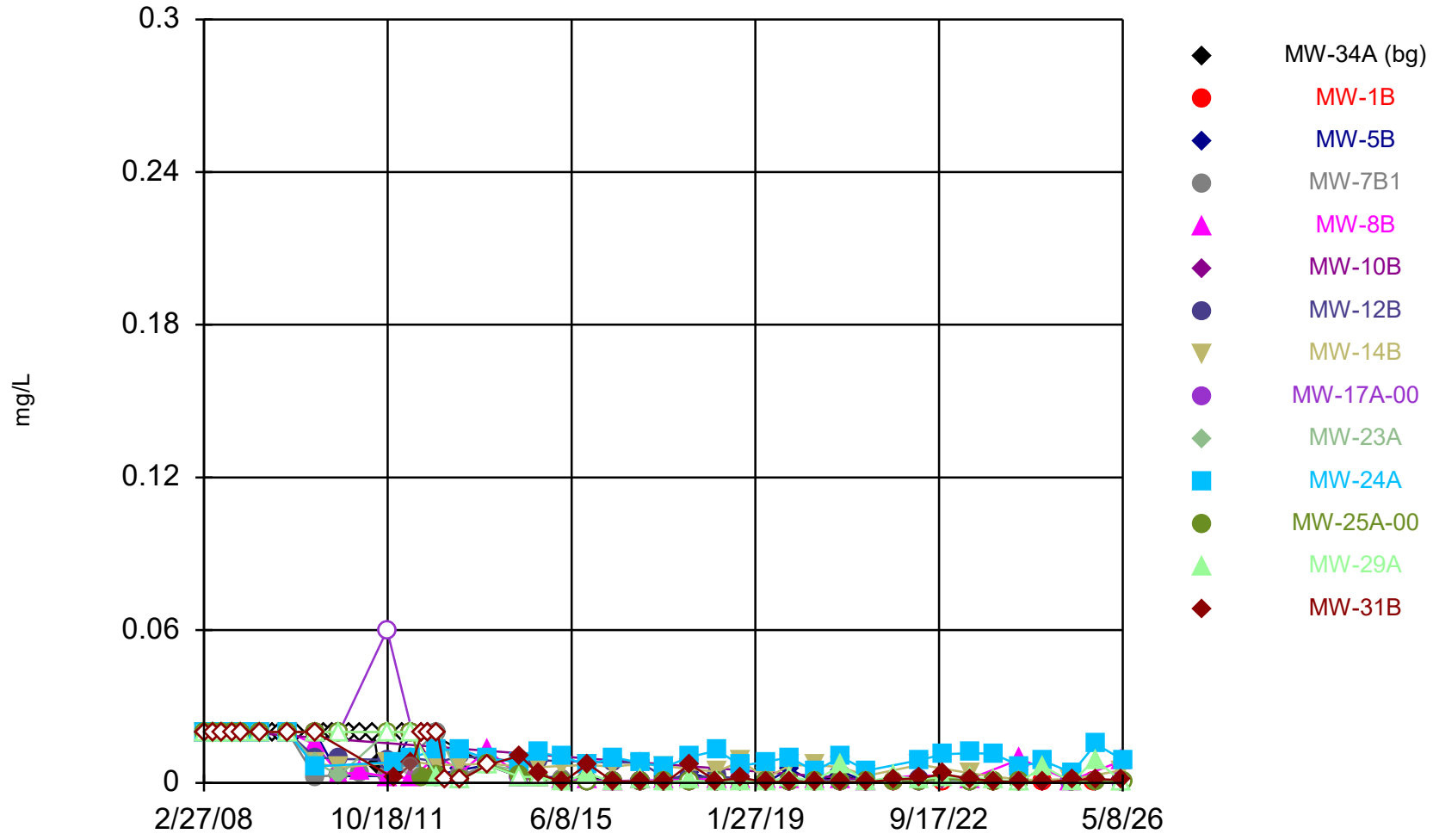
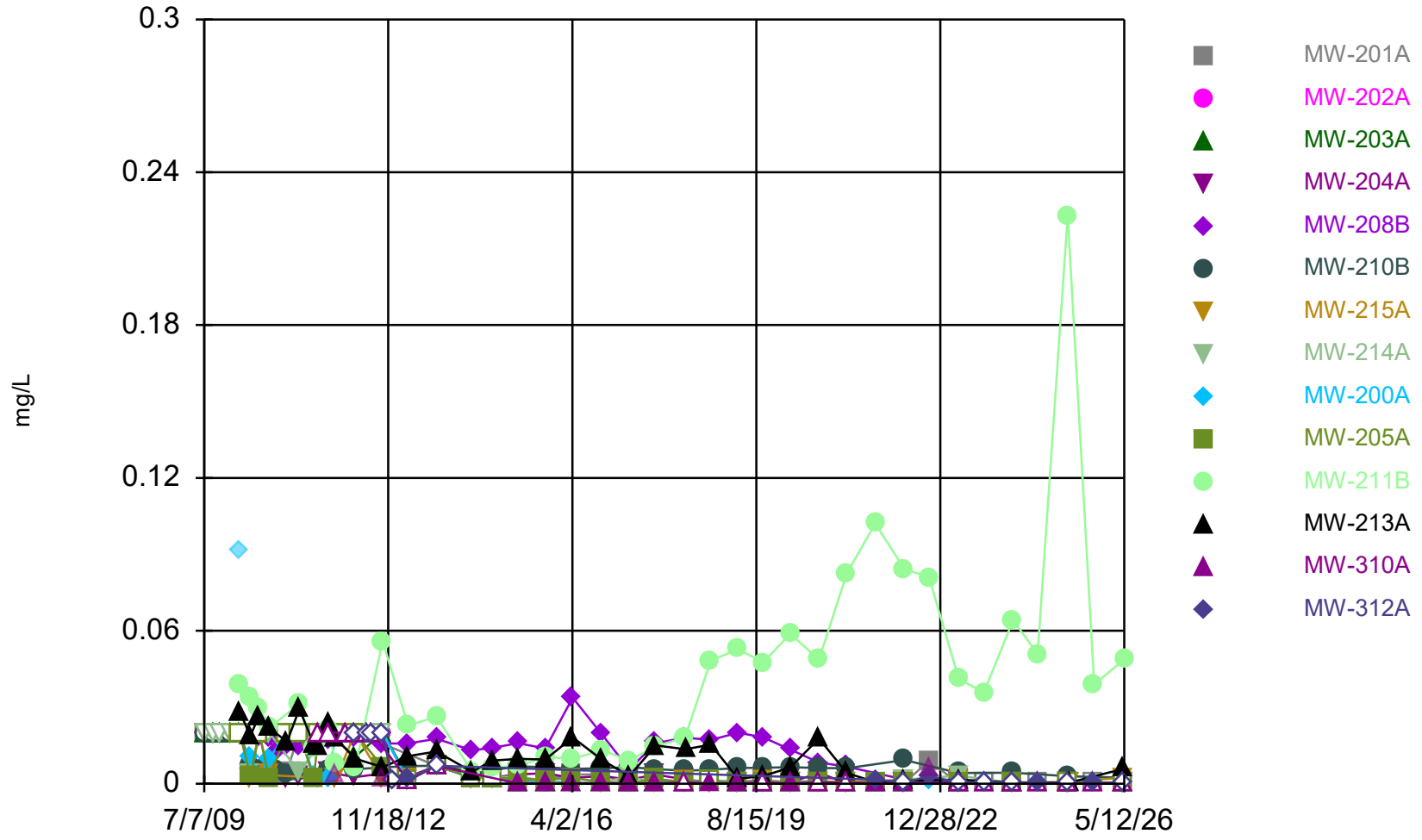


Constituent: Cobalt Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

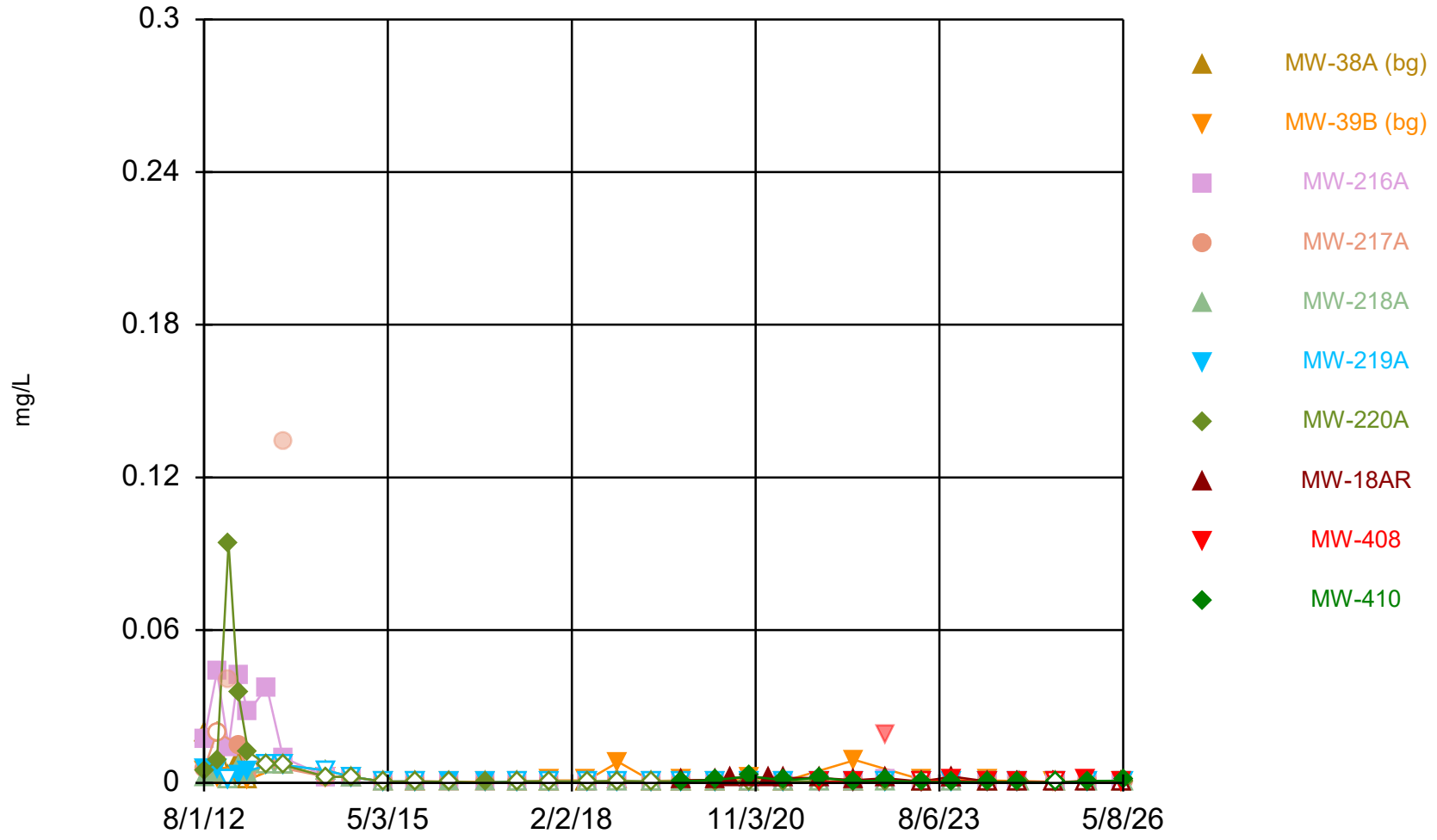


Constituent: Cobalt Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Cobalt Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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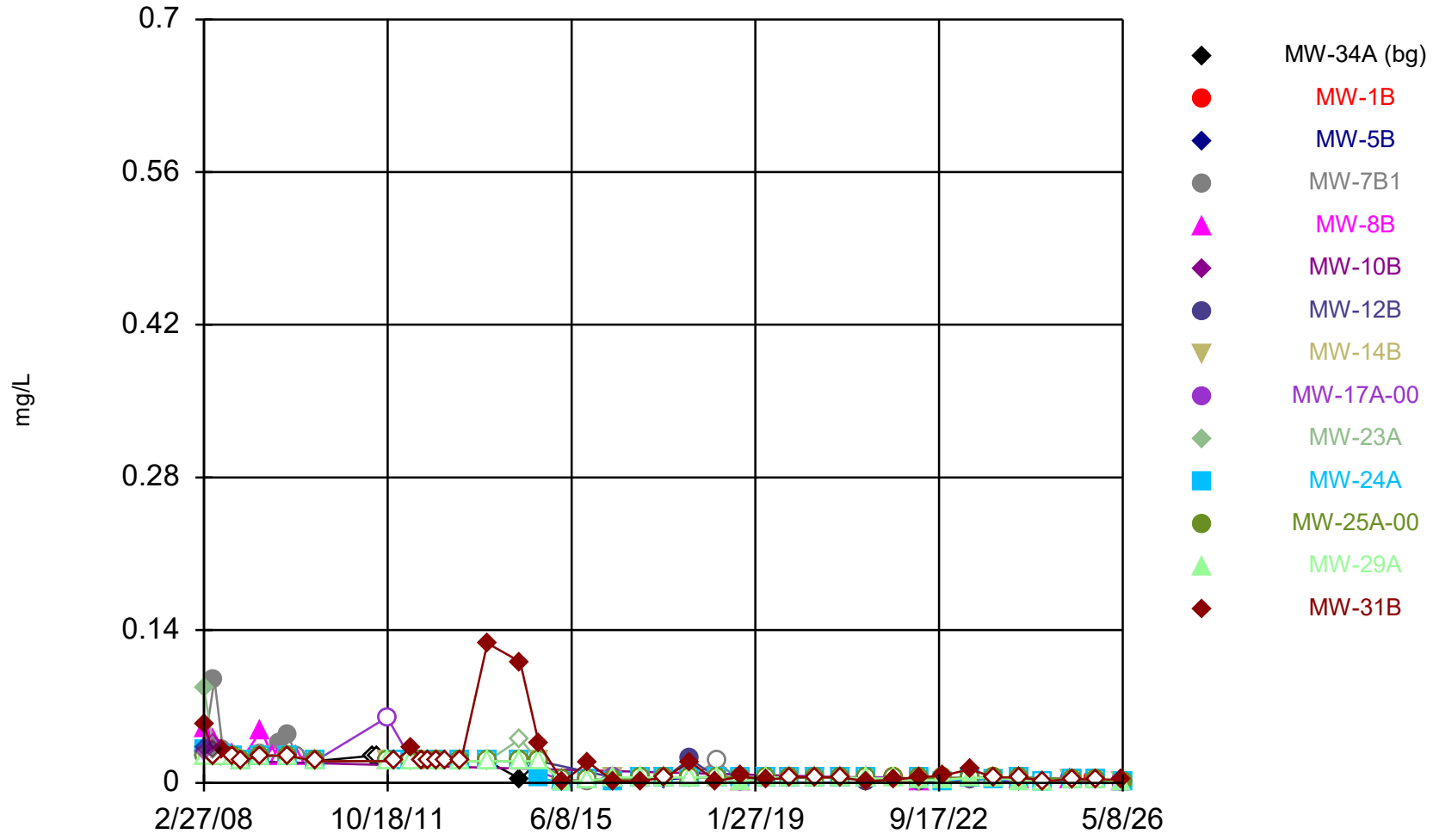
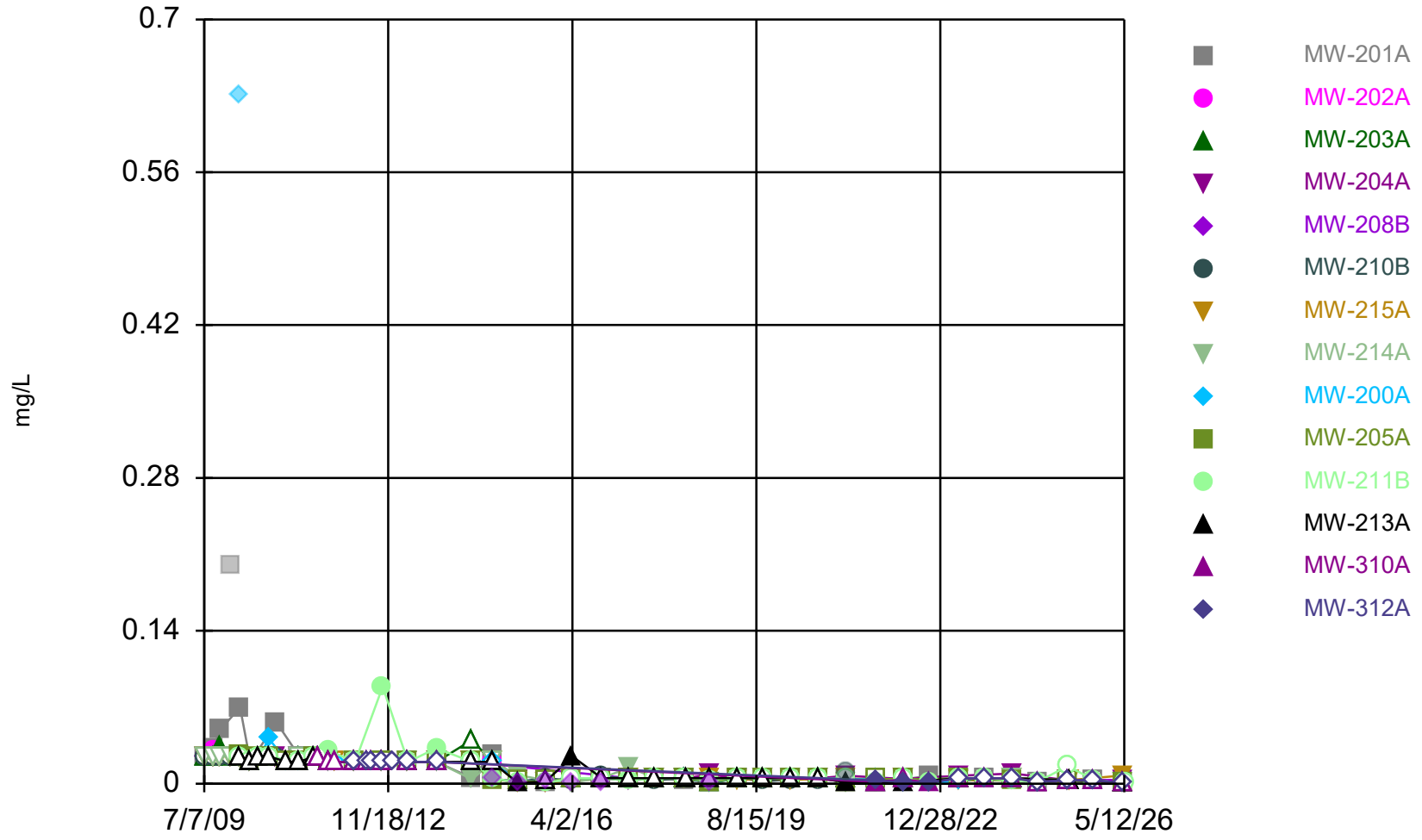


Constituent: Copper Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

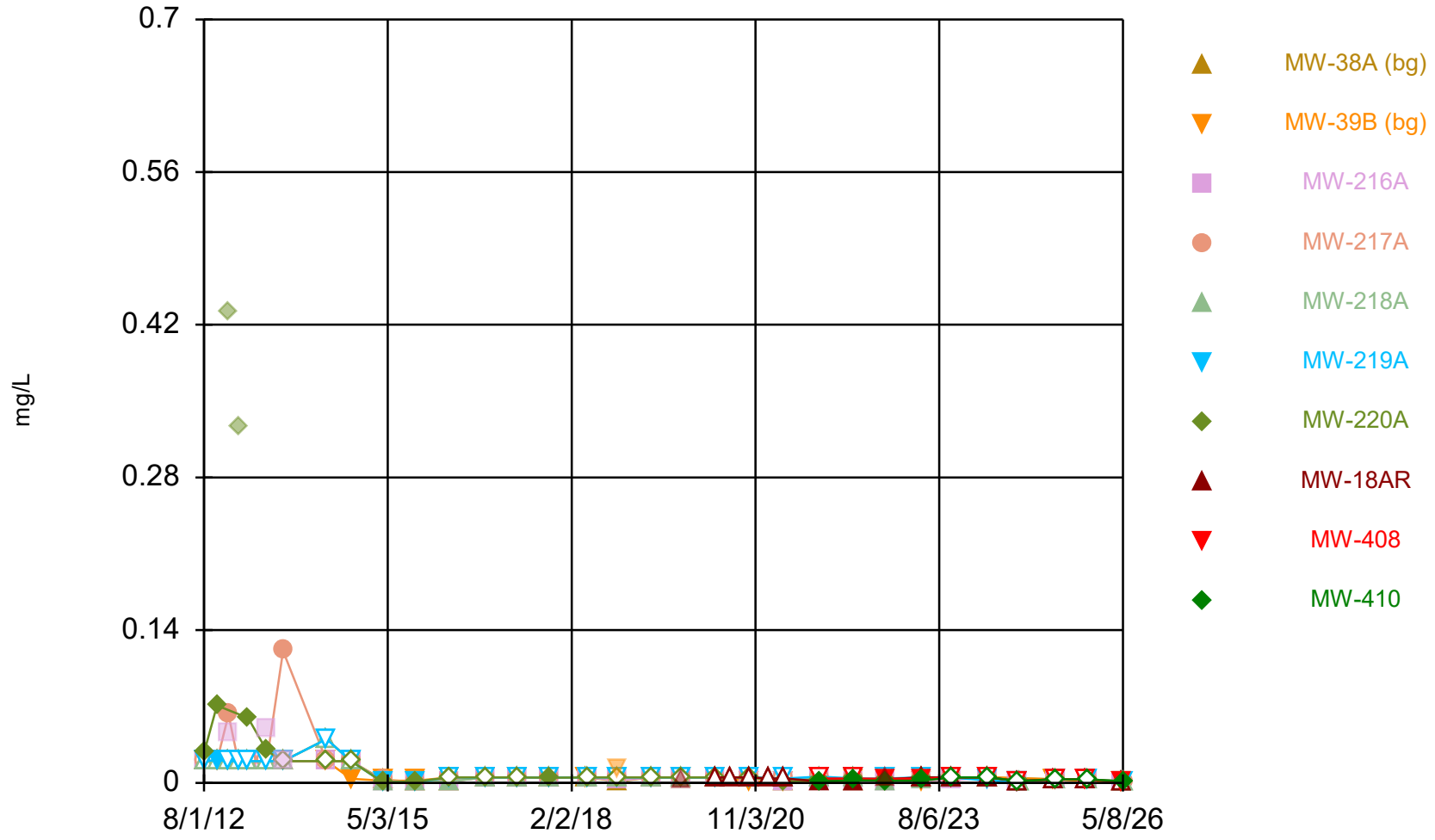


Constituent: Copper Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

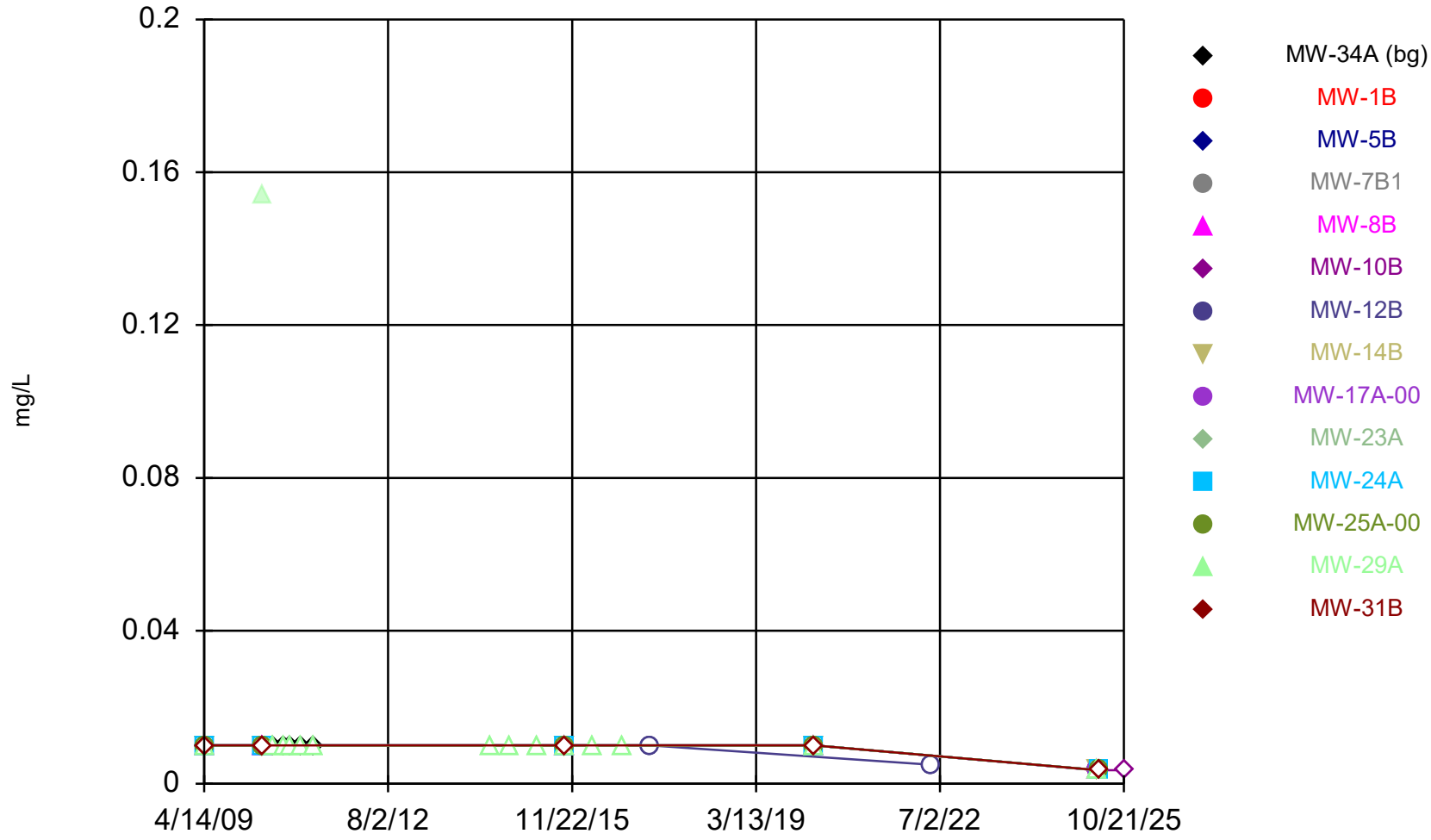


Constituent: Copper Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

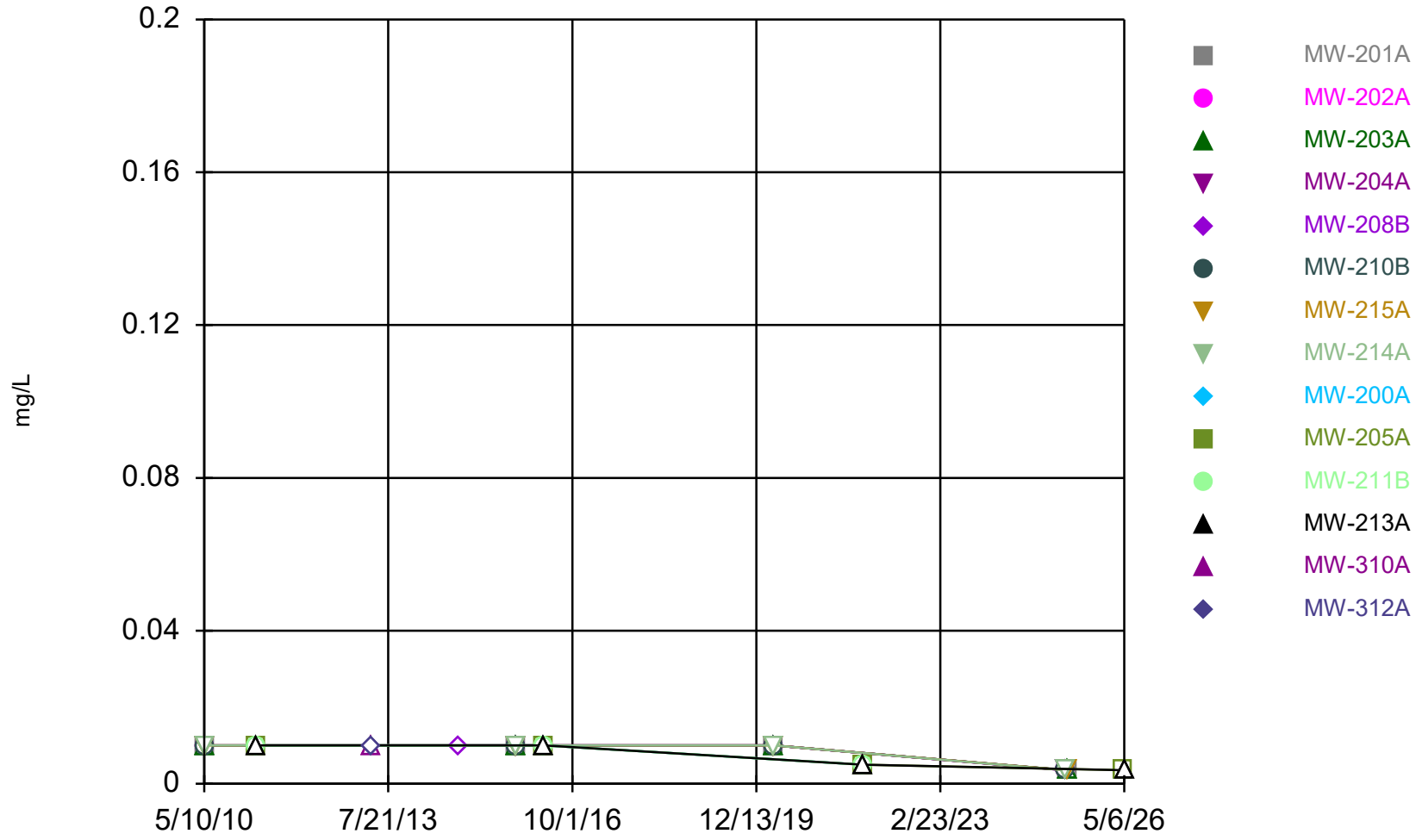


Constituent: Cyanide Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

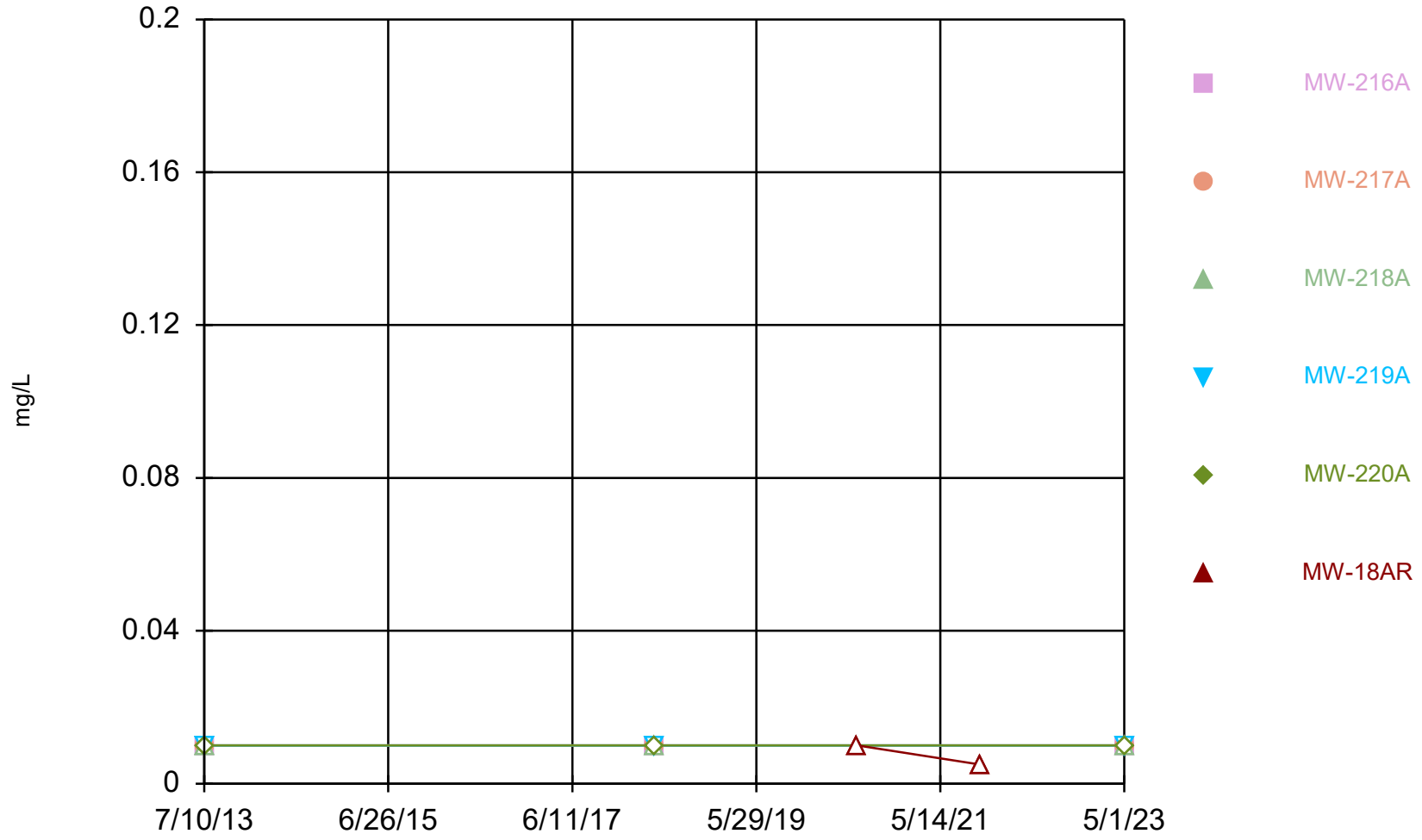


Constituent: Cyanide Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

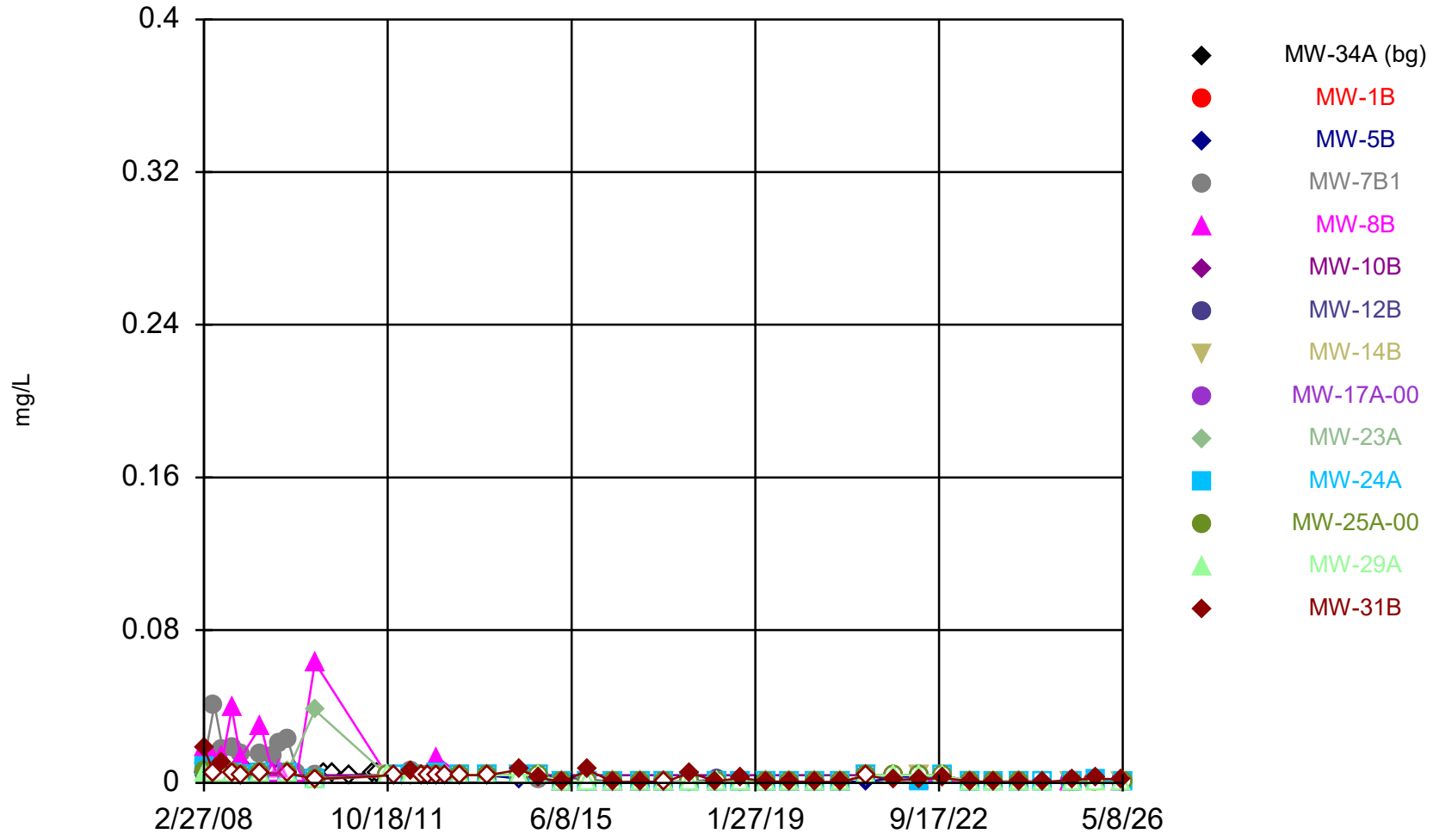


Constituent: Cyanide Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Lead Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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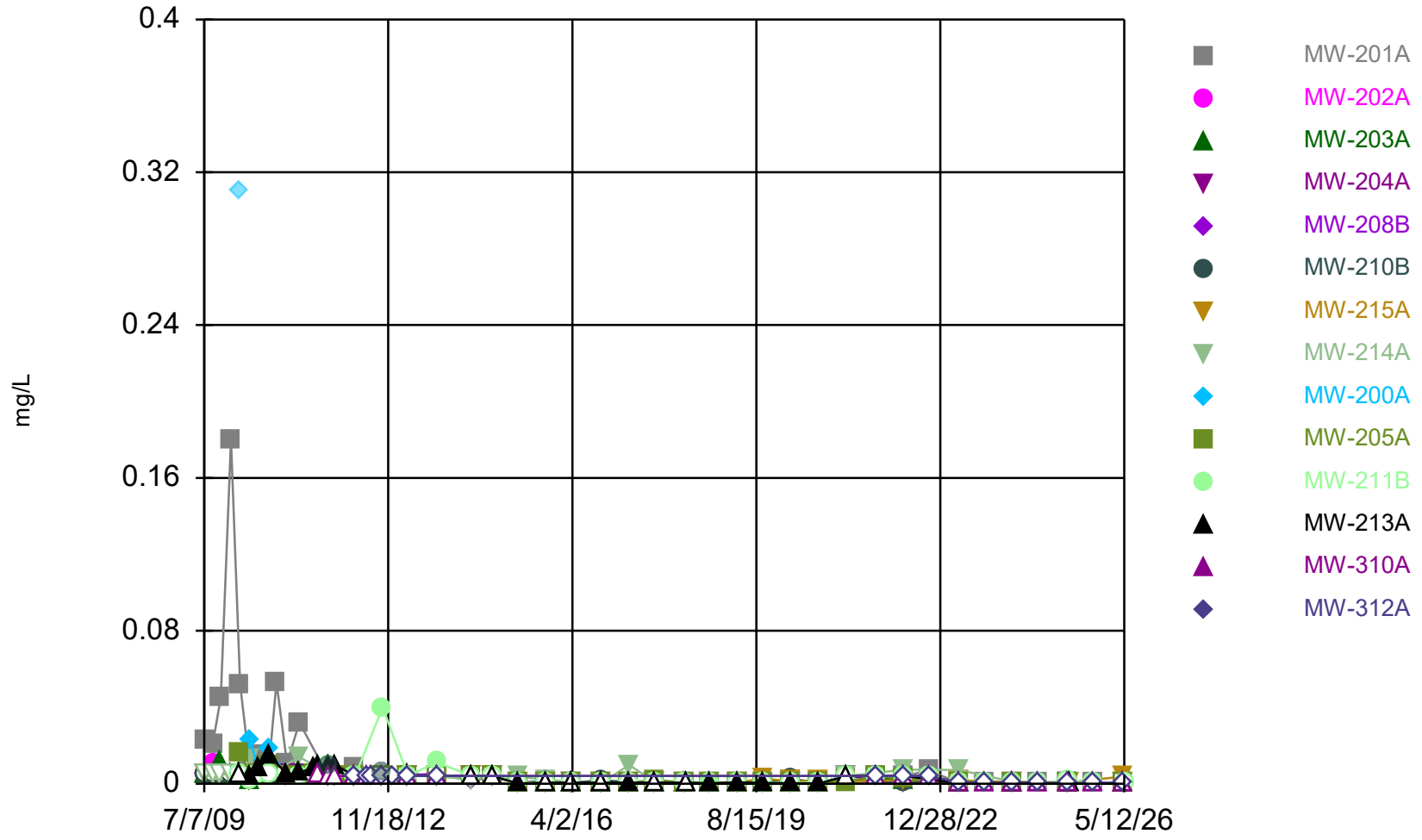
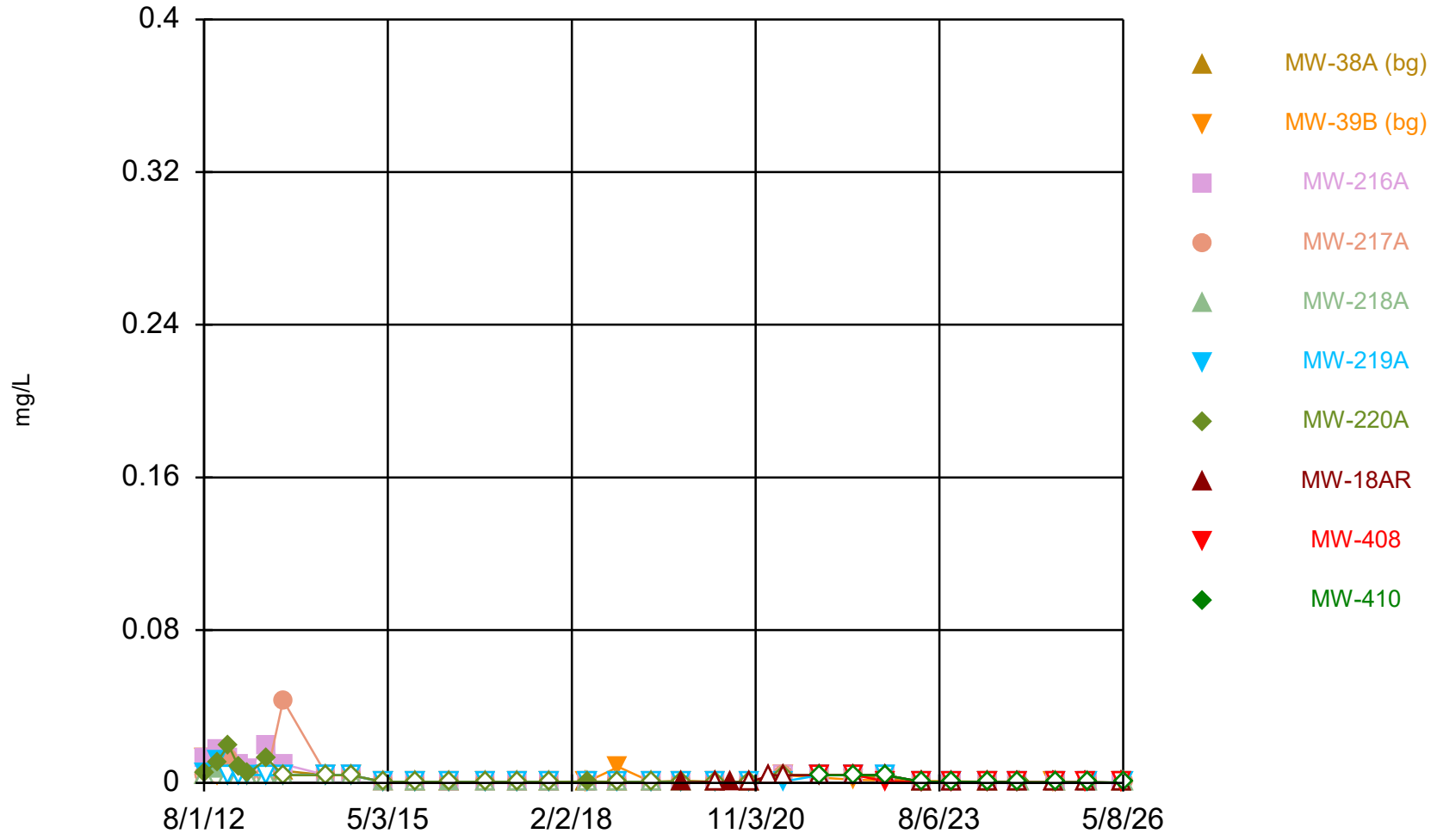


Constituent: Lead Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

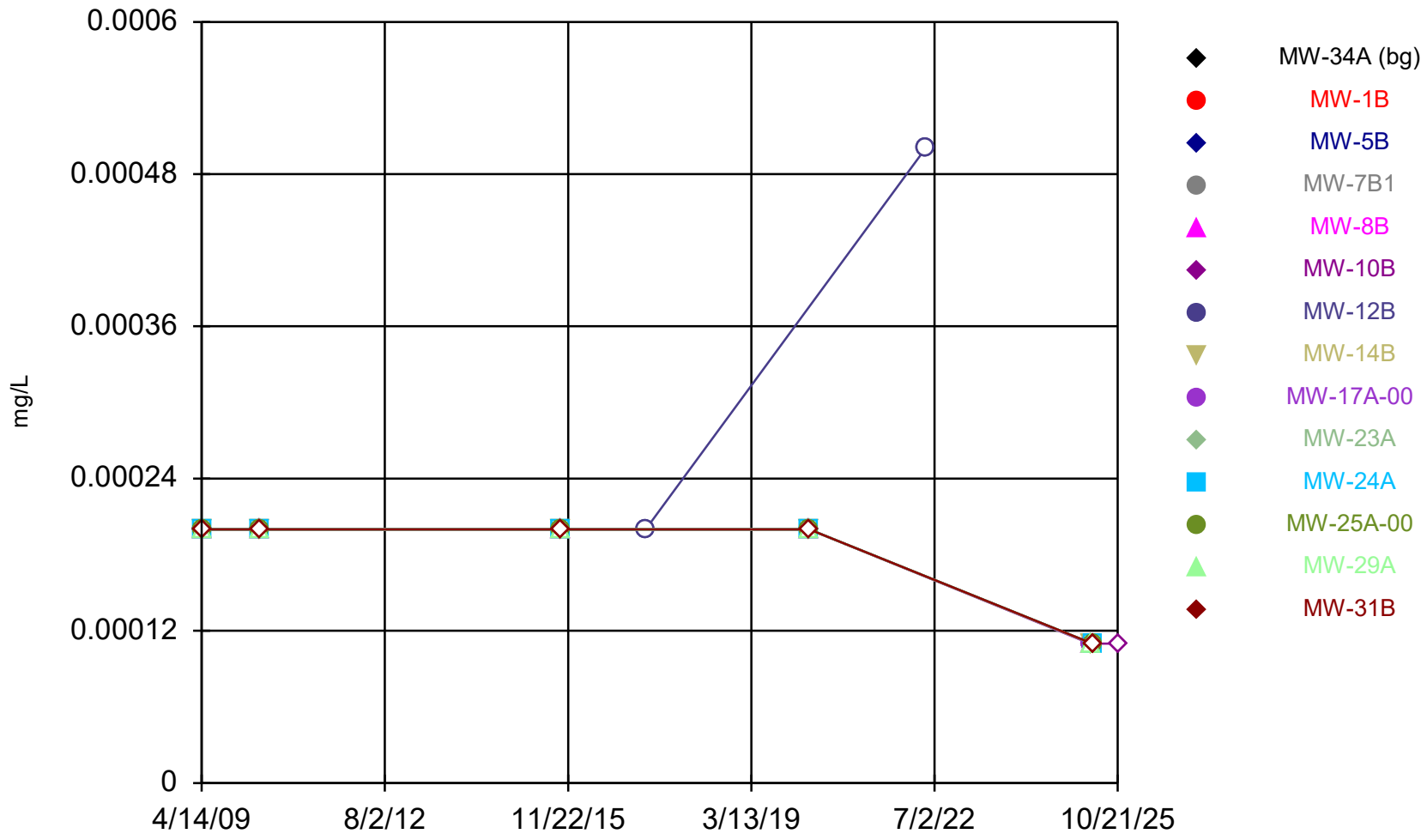


Constituent: Lead Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

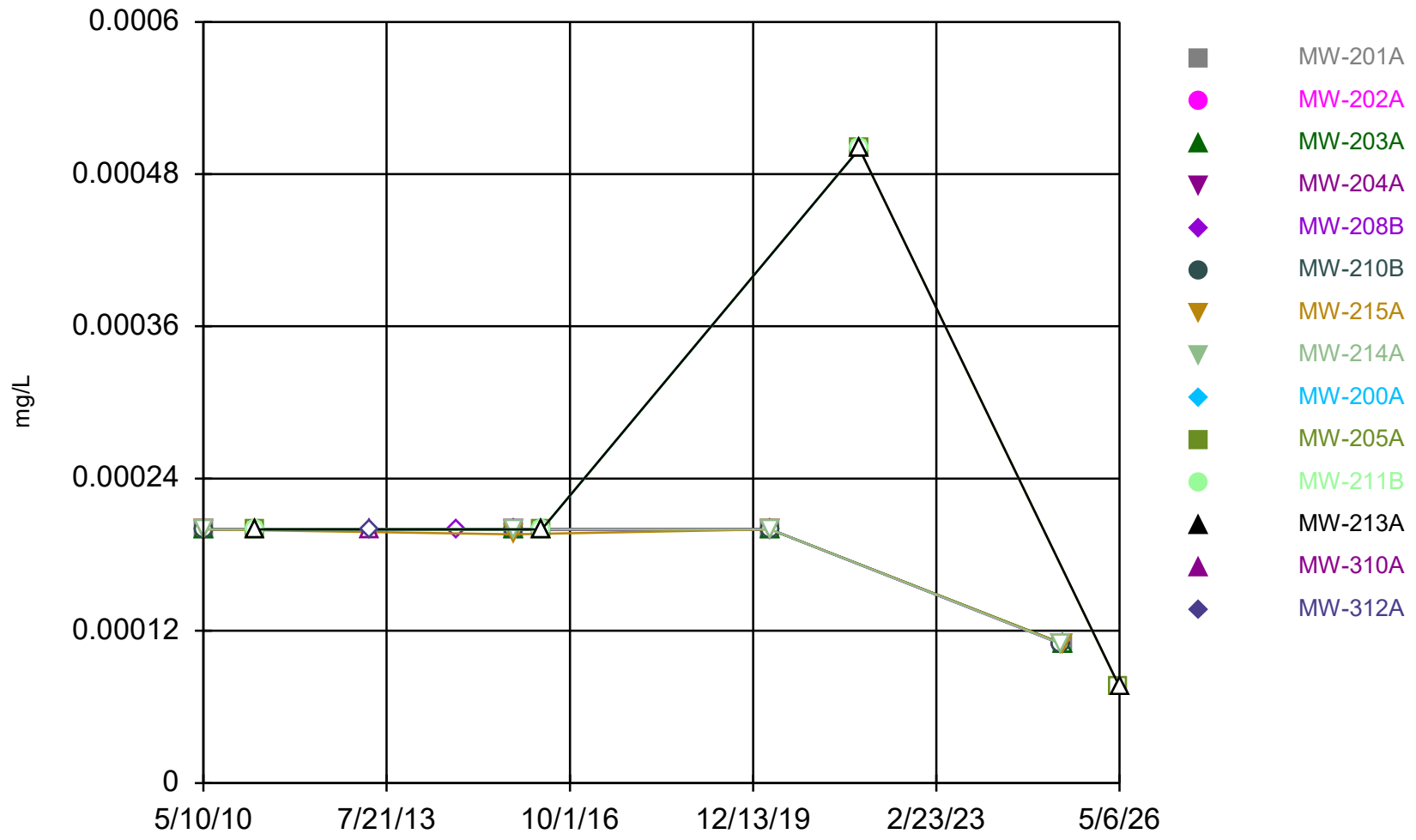


Constituent: Mercury Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

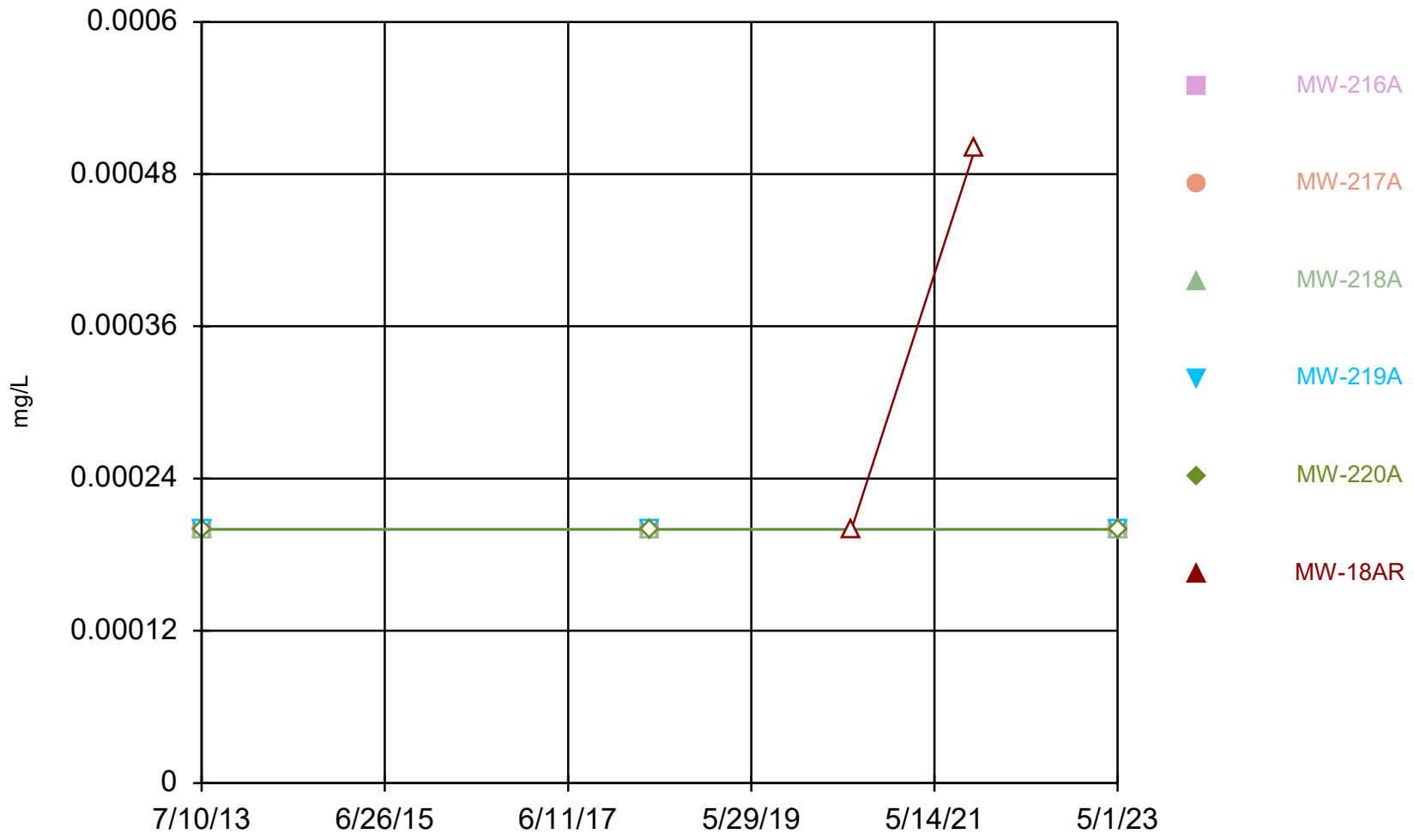


Constituent: Mercury Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

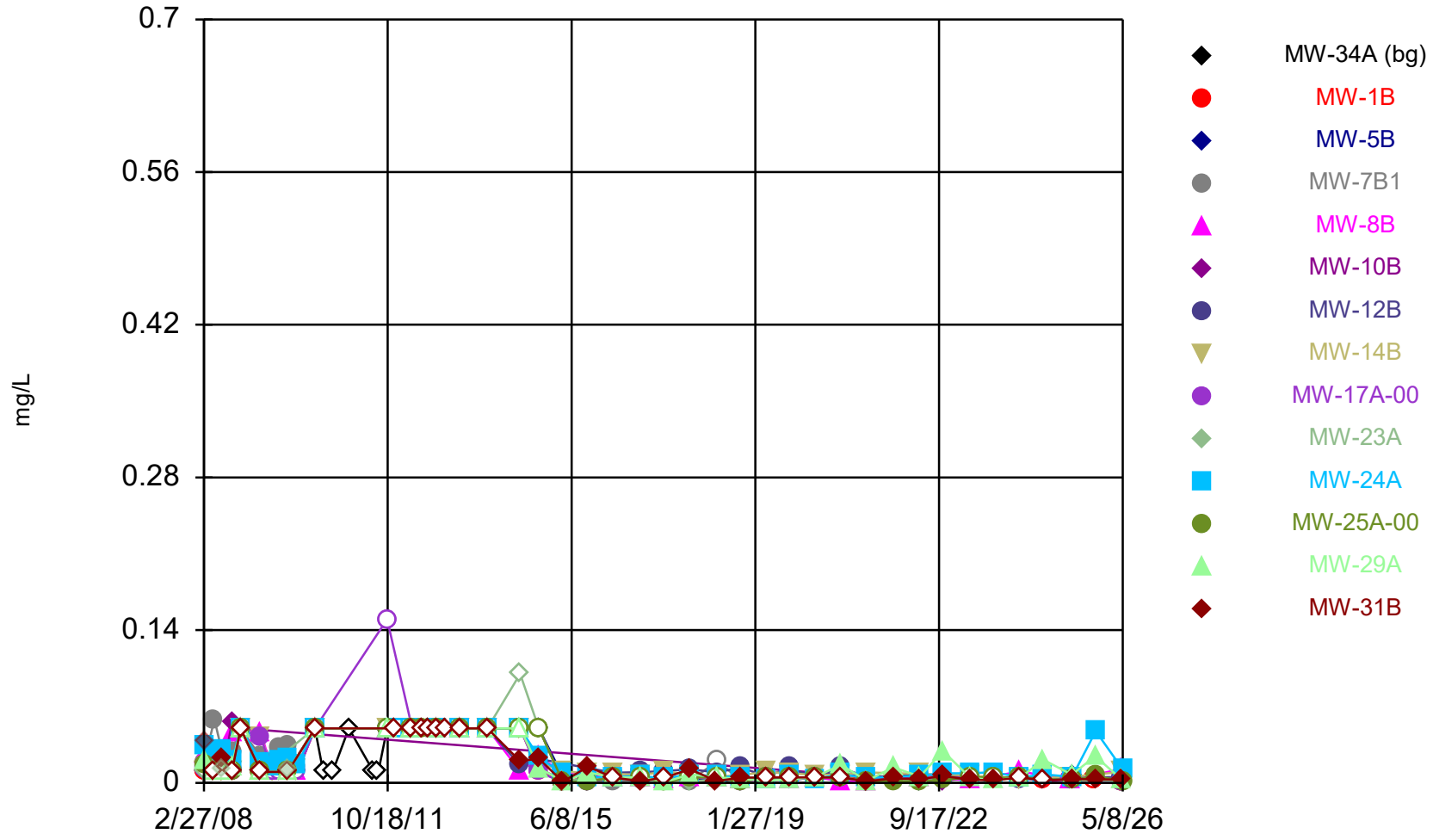


Constituent: Mercury Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

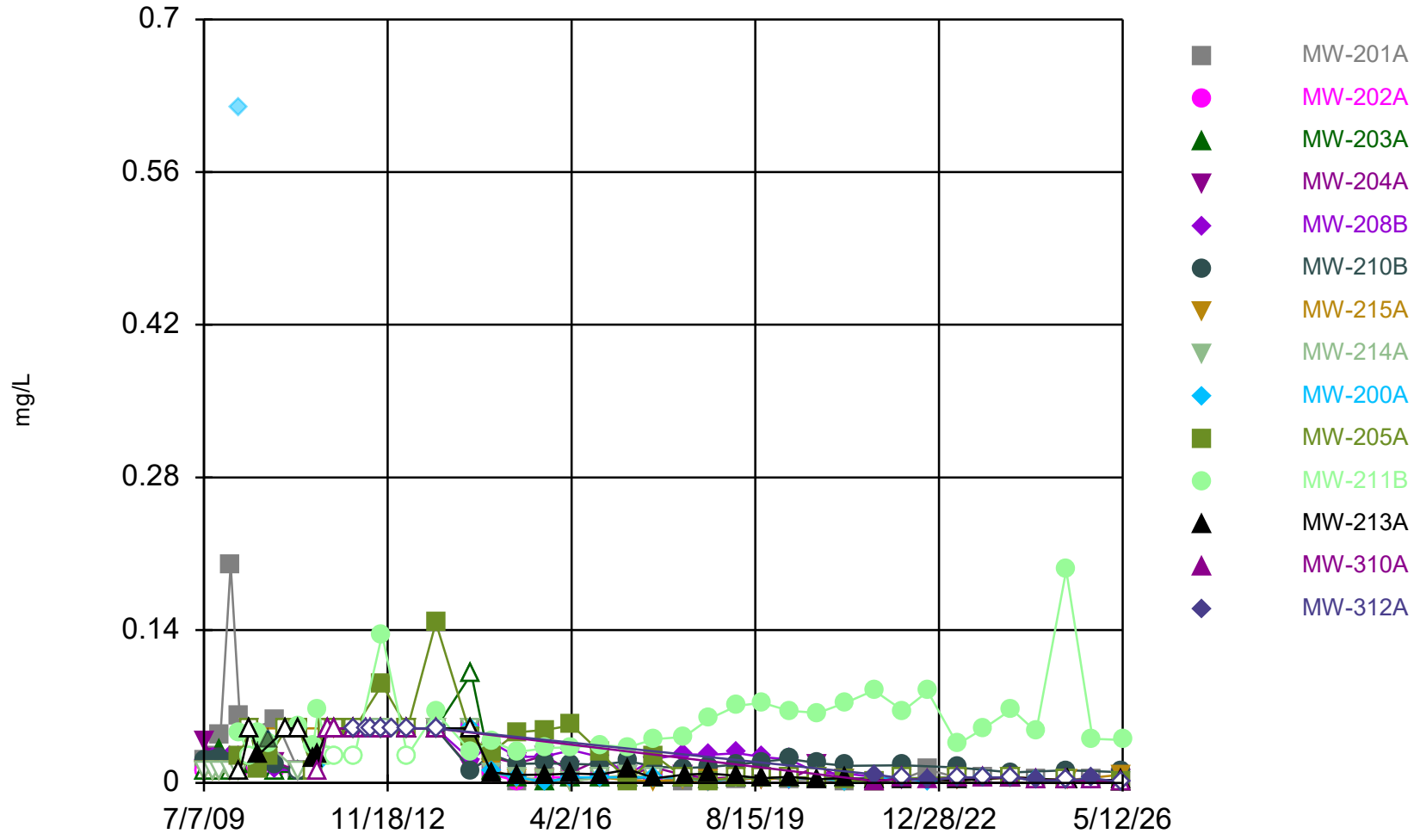


Constituent: Nickel Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

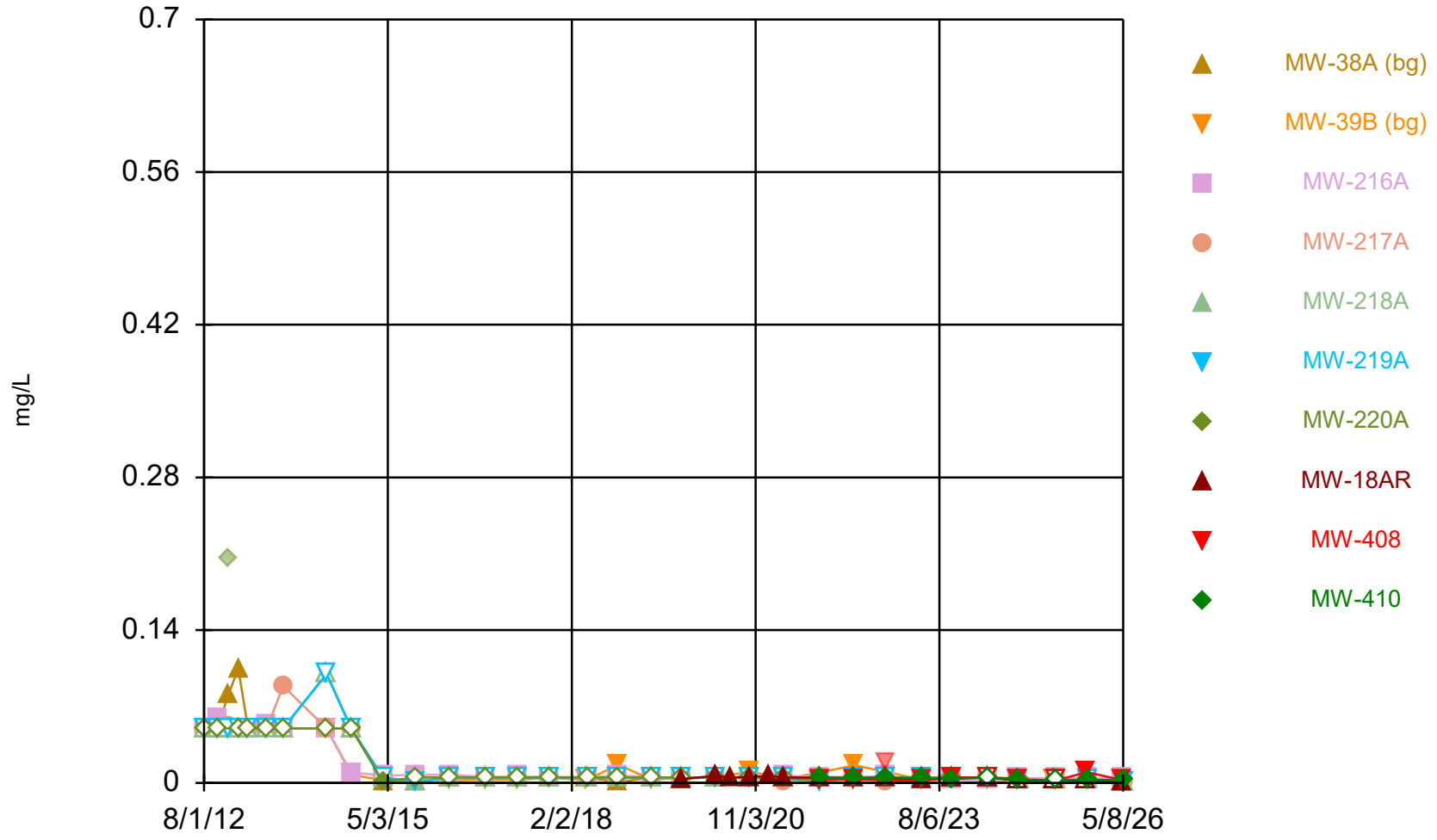


Constituent: Nickel Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

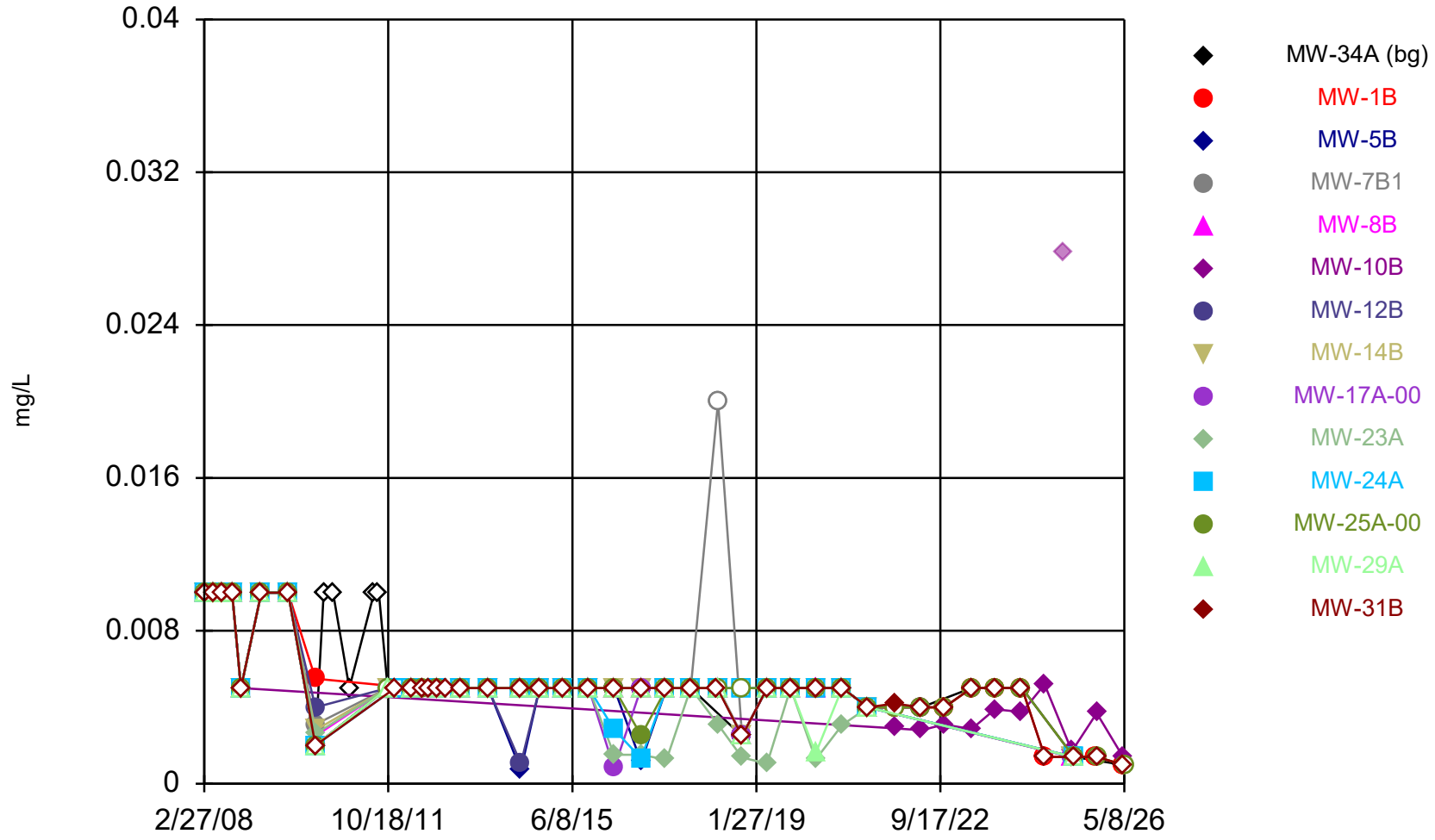


Constituent: Nickel Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

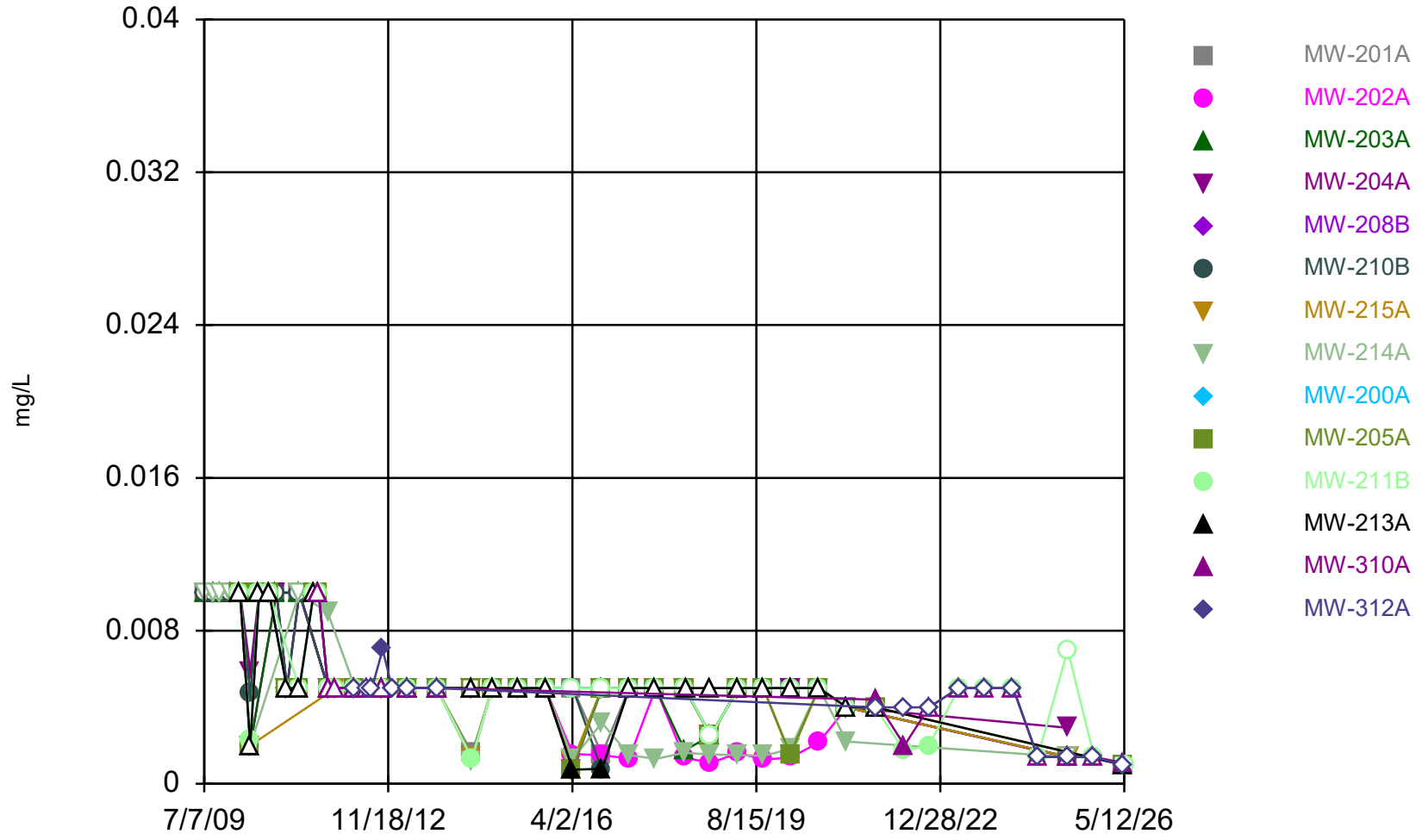


Constituent: Selenium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

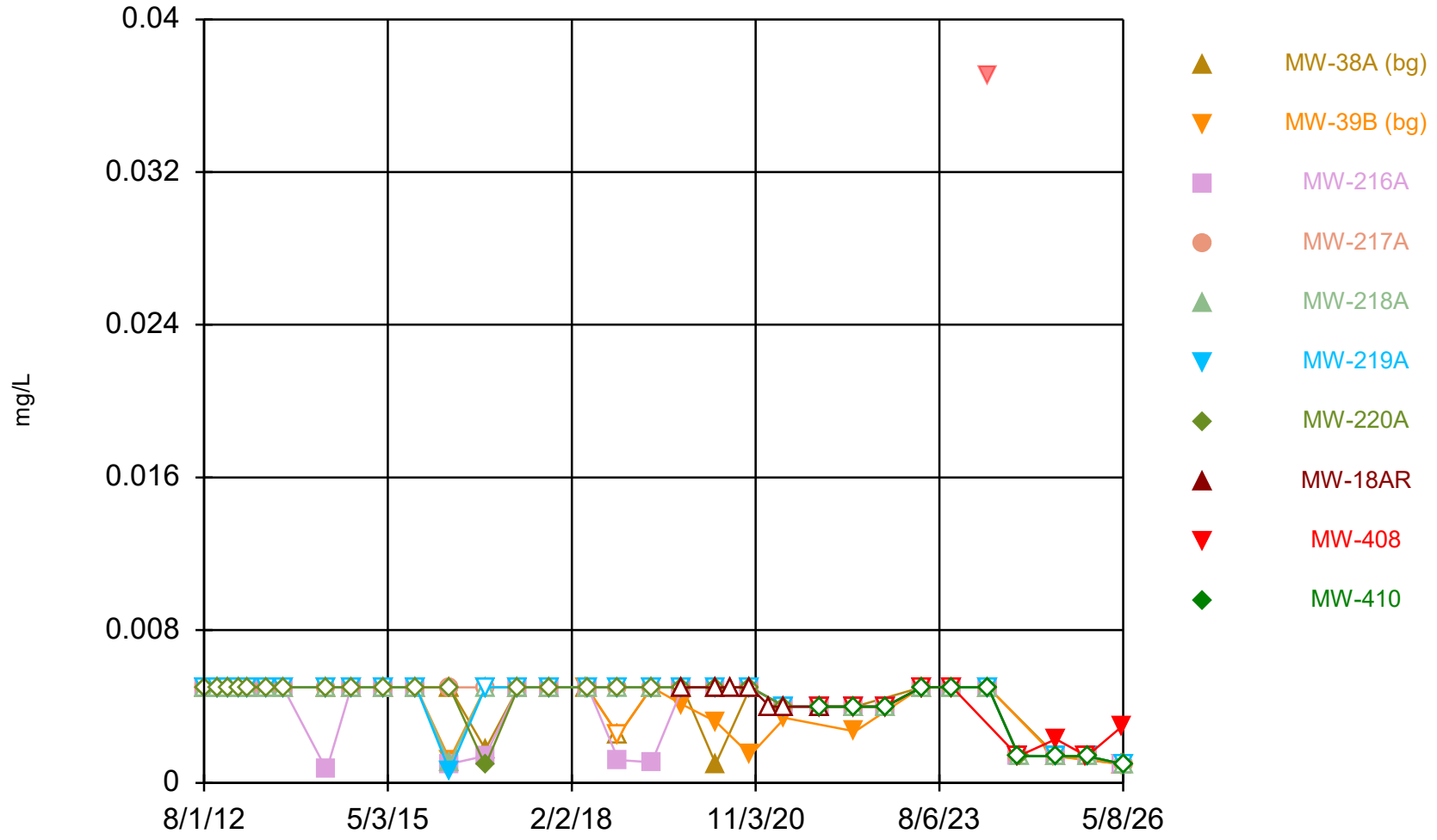


Constituent: Selenium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

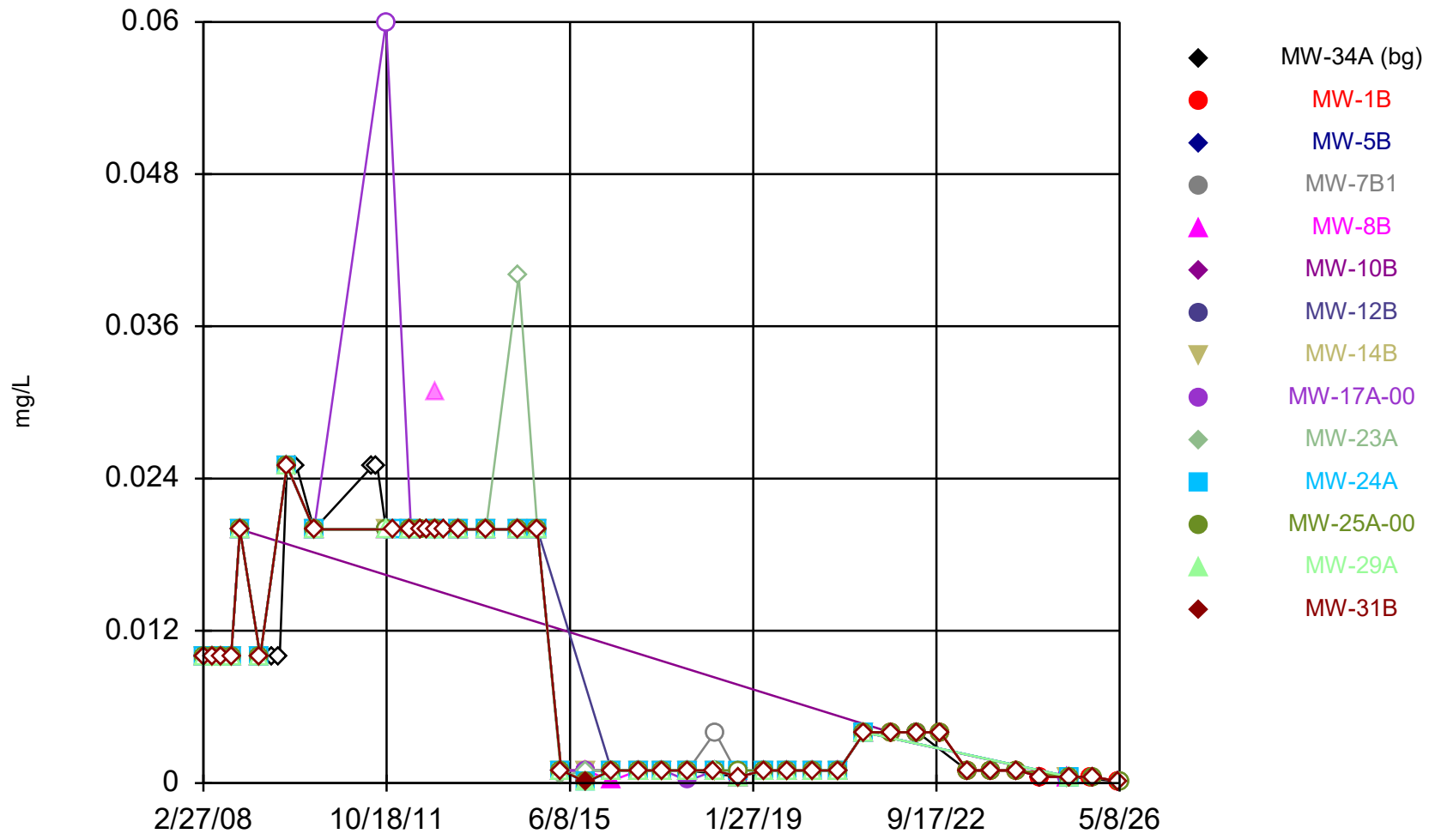


Constituent: Selenium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

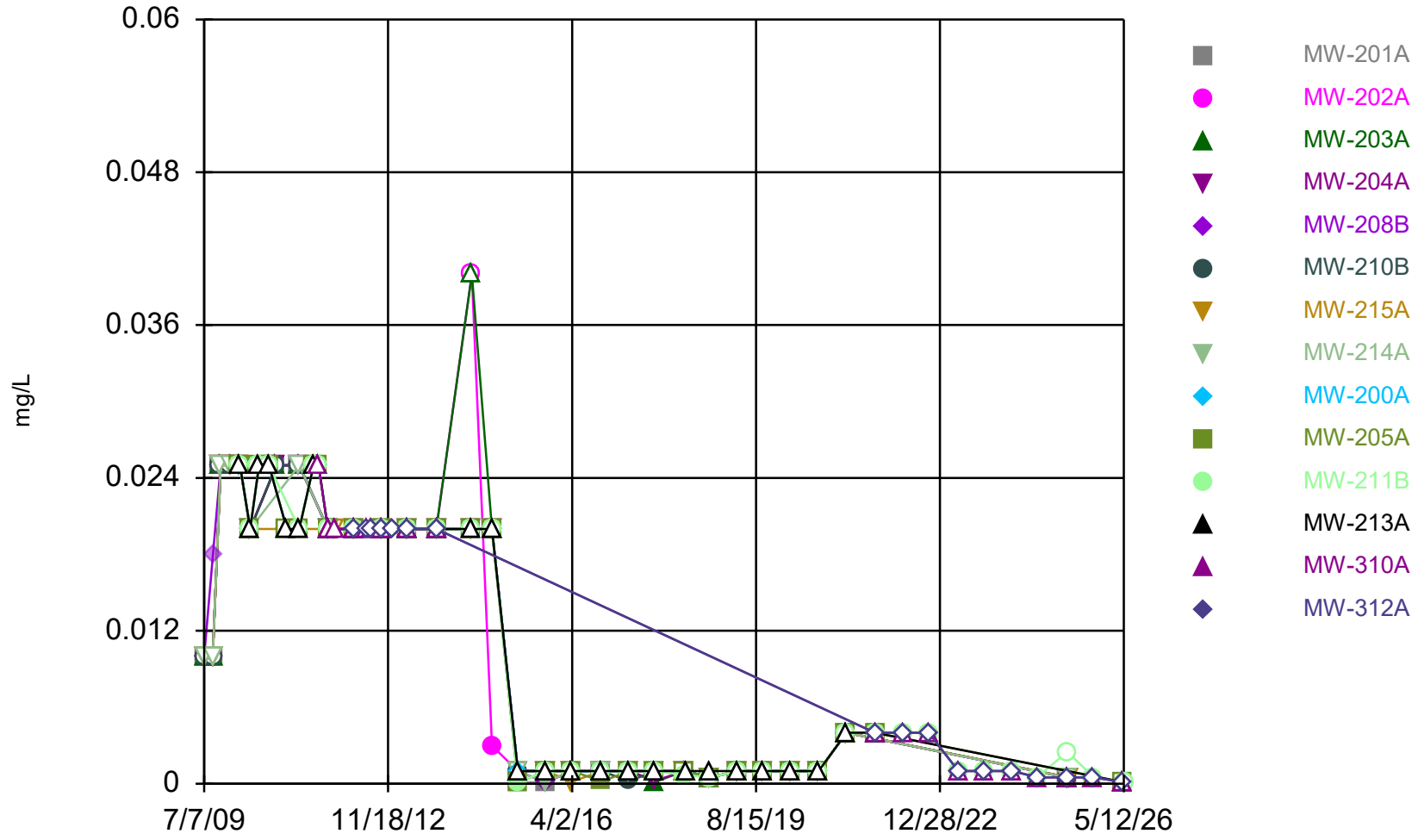


Constituent: Silver Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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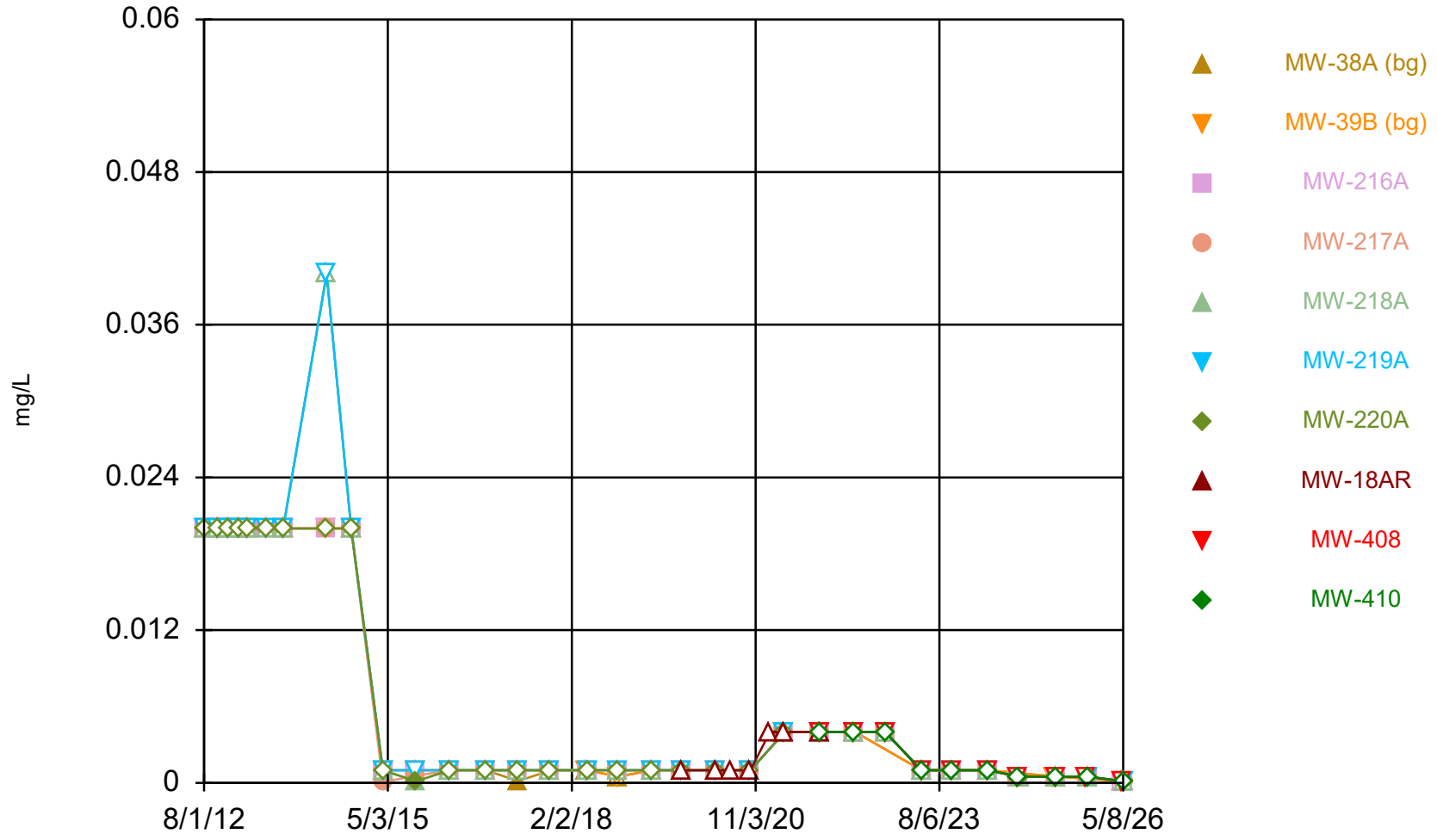
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

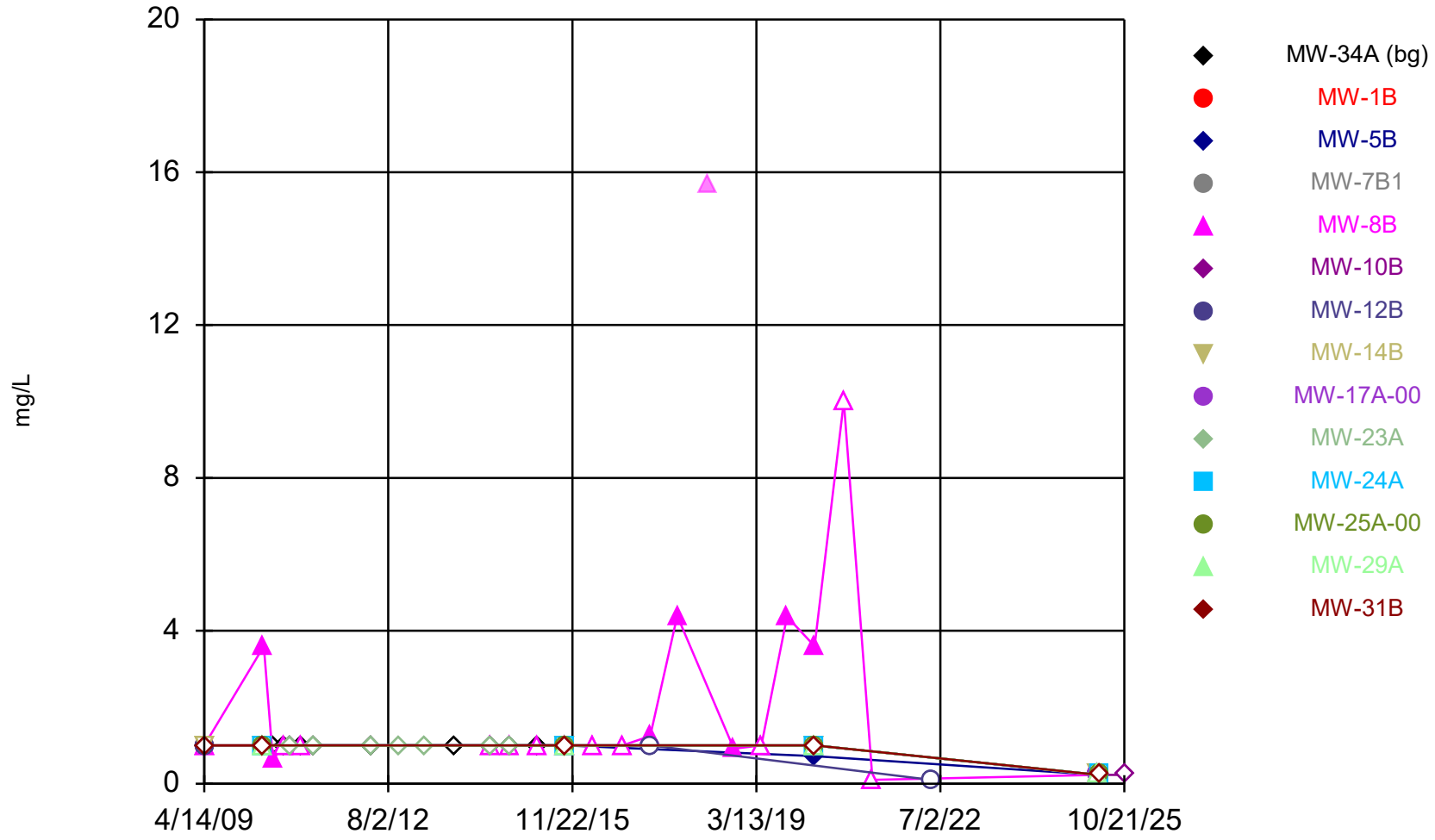


Constituent: Silver Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

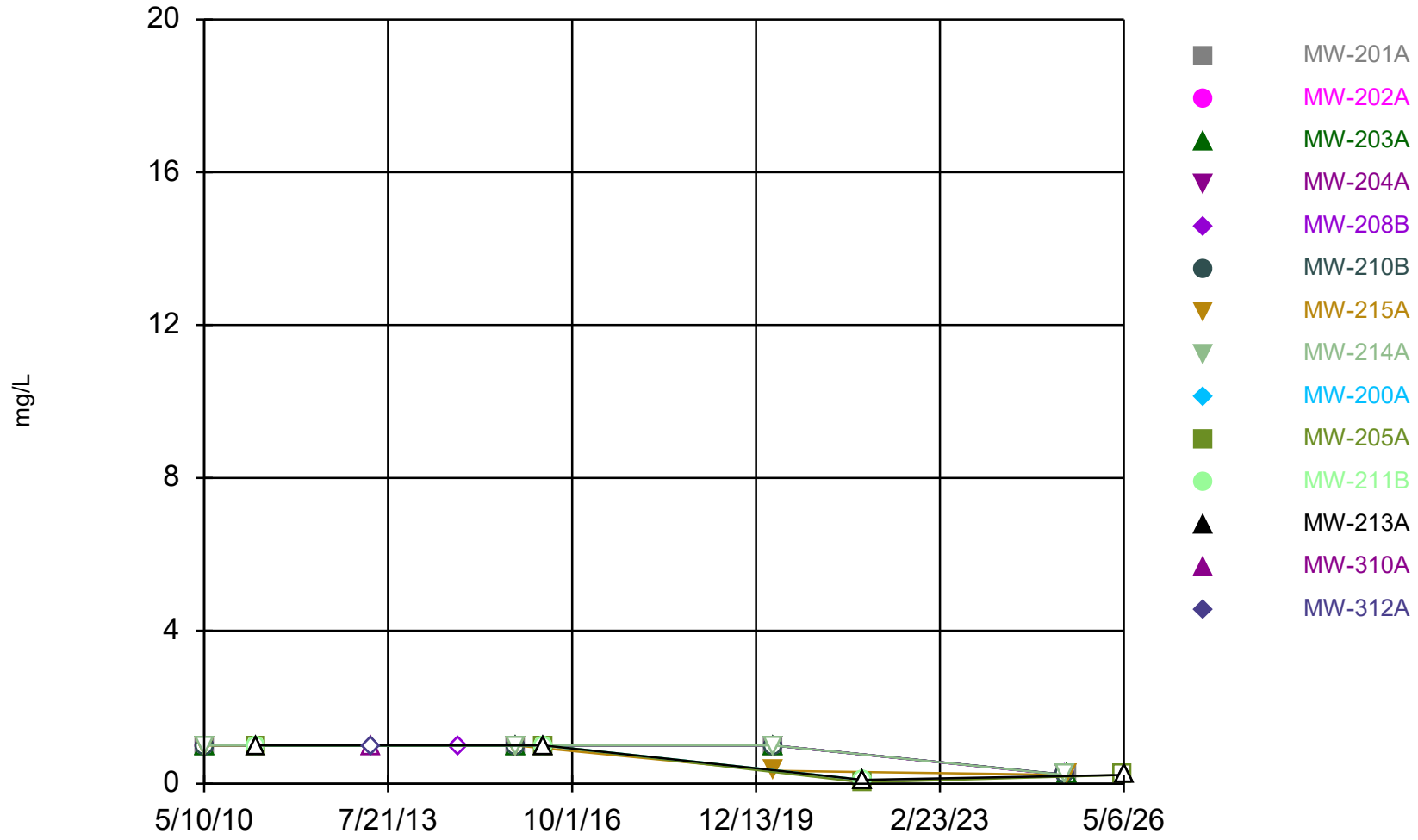


Constituent: Sulfide Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

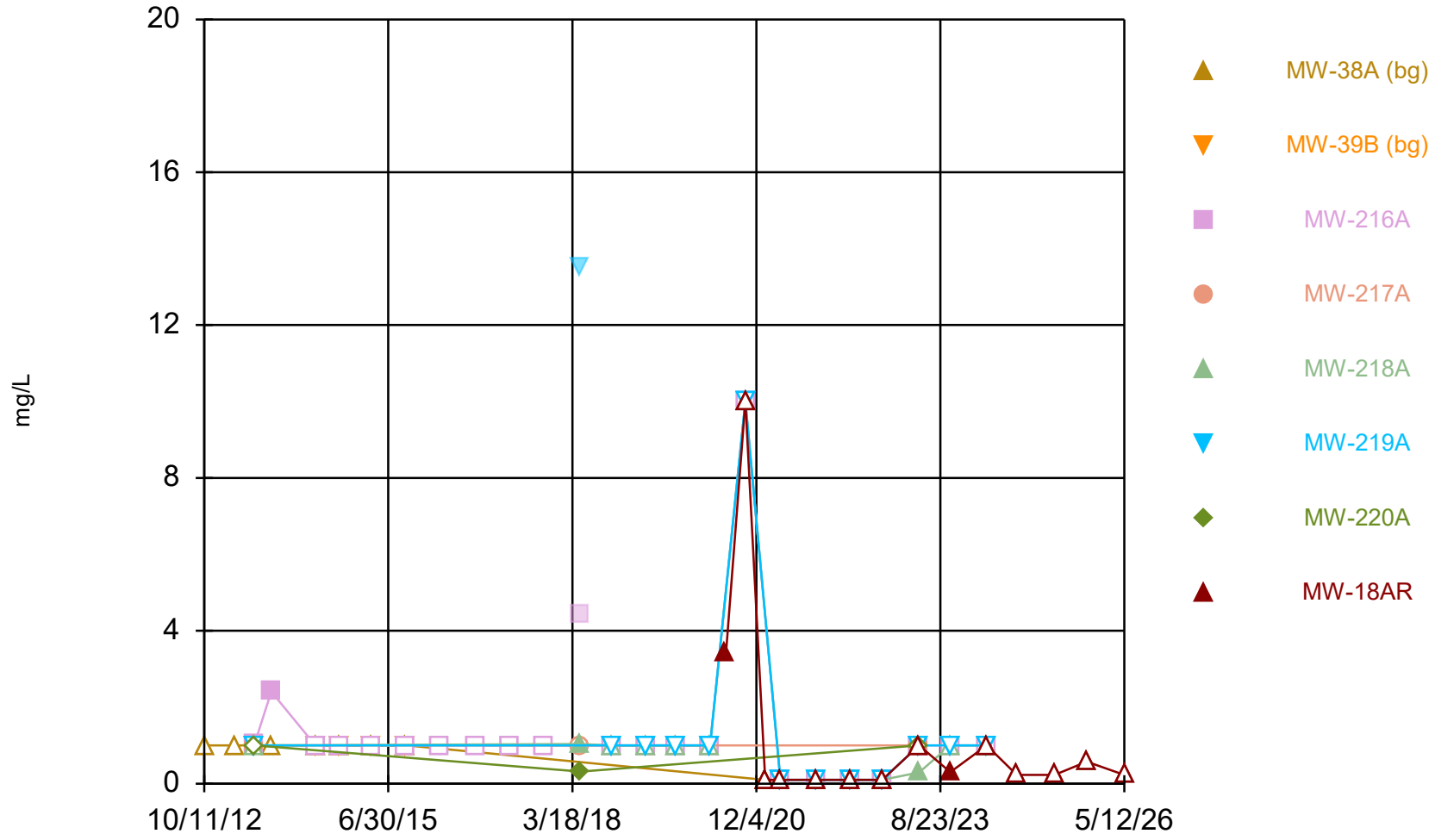


Constituent: Sulfide Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

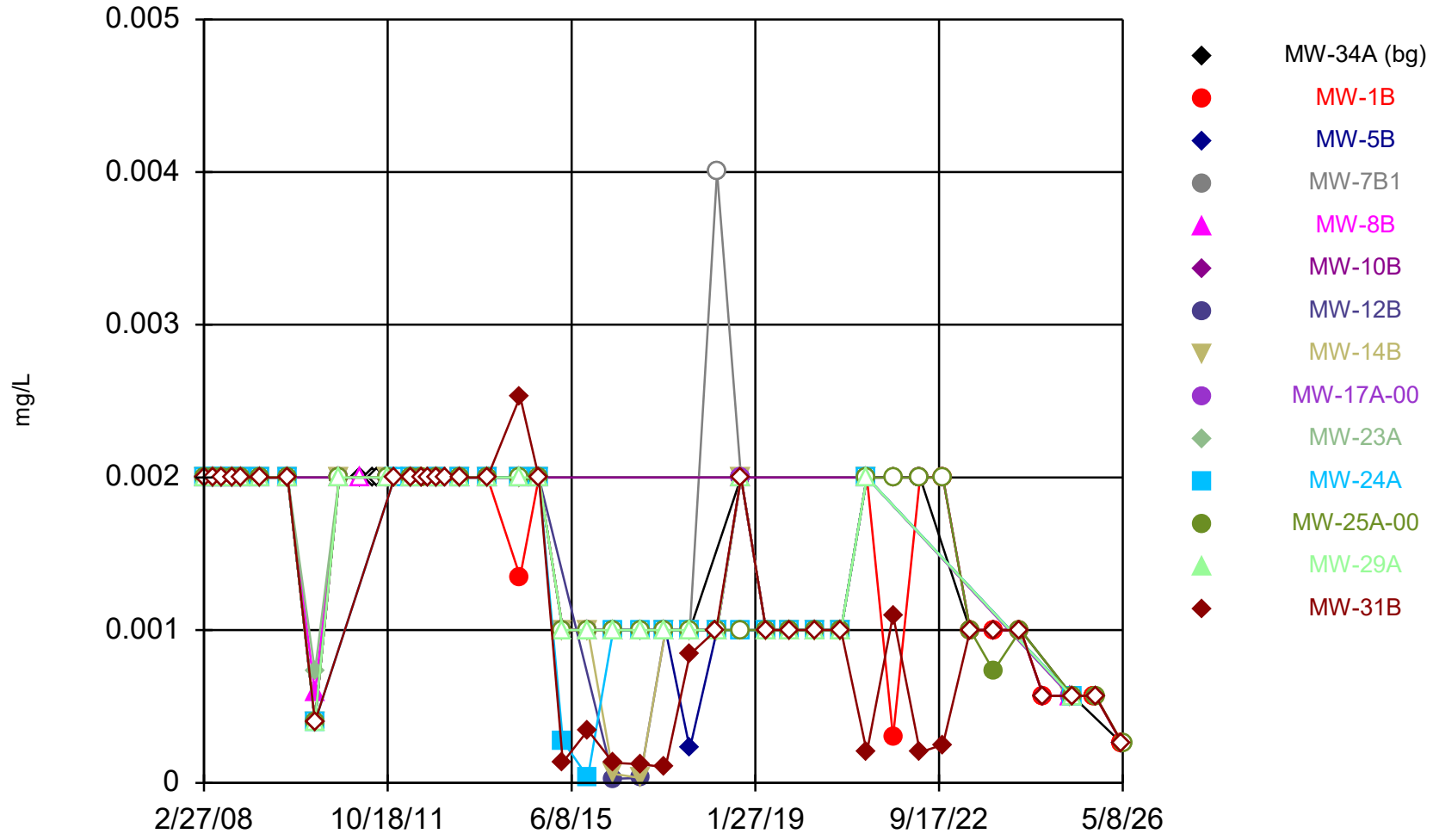


Constituent: Sulfide Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

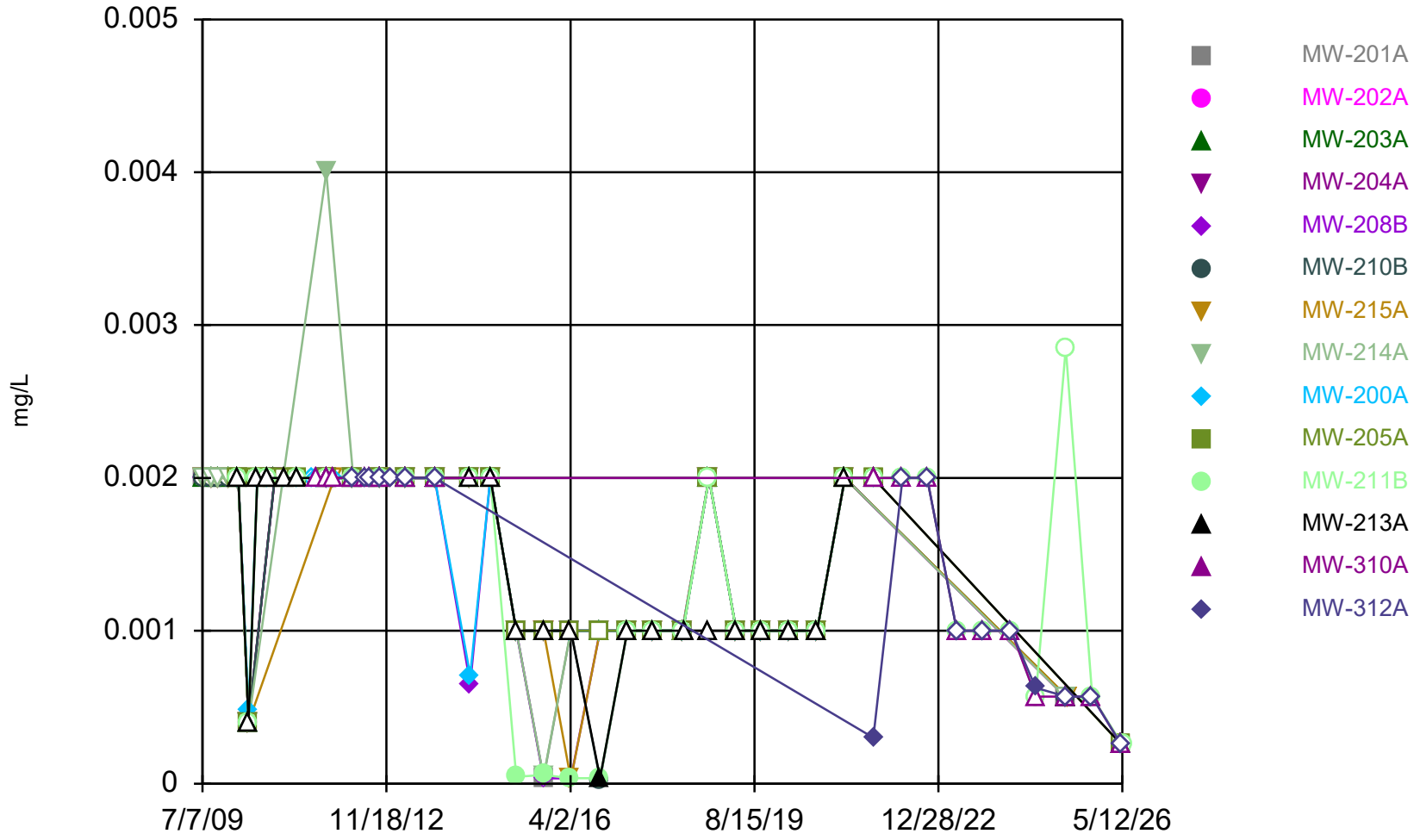


Constituent: Thallium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

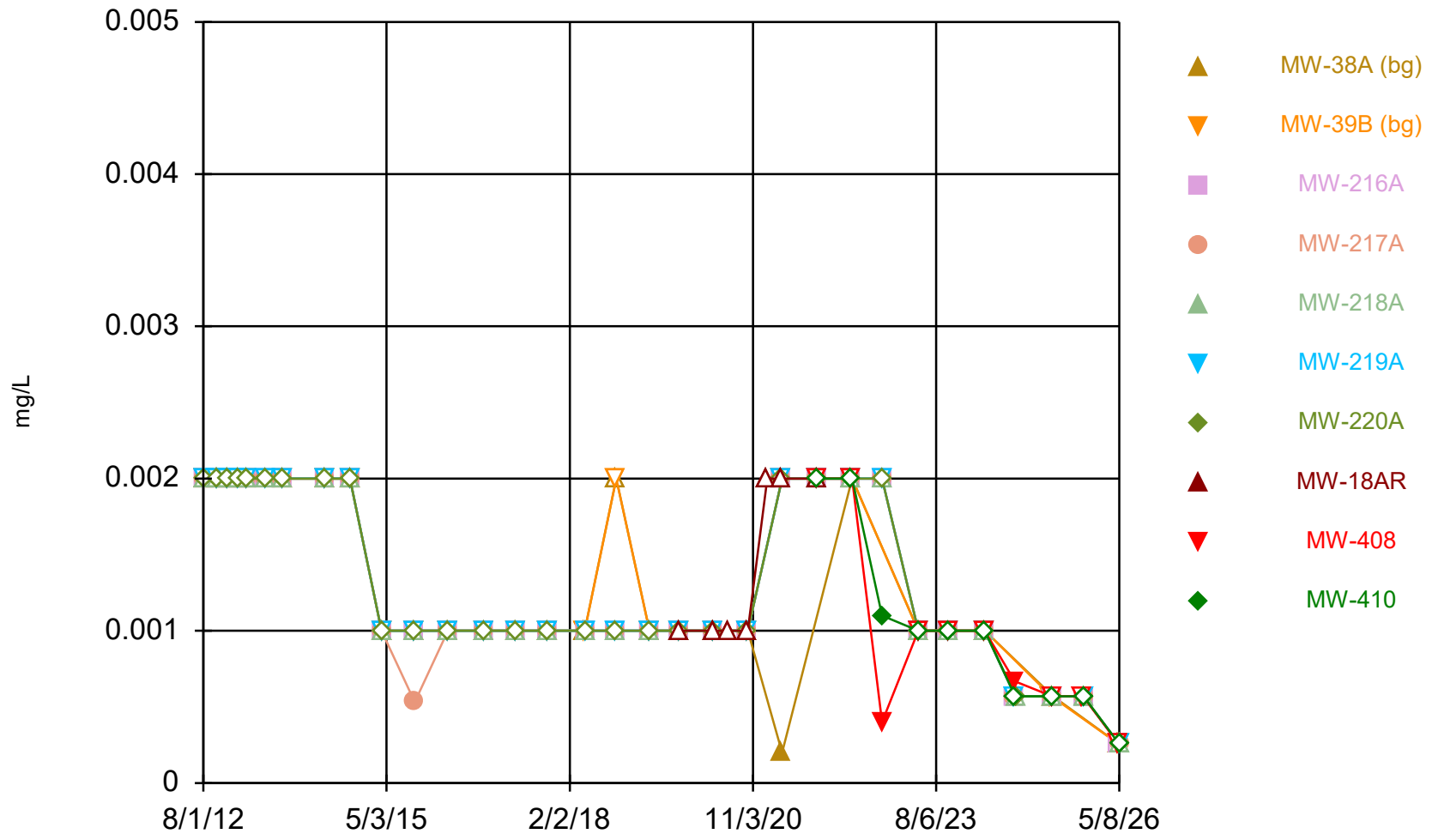


Constituent: Thallium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

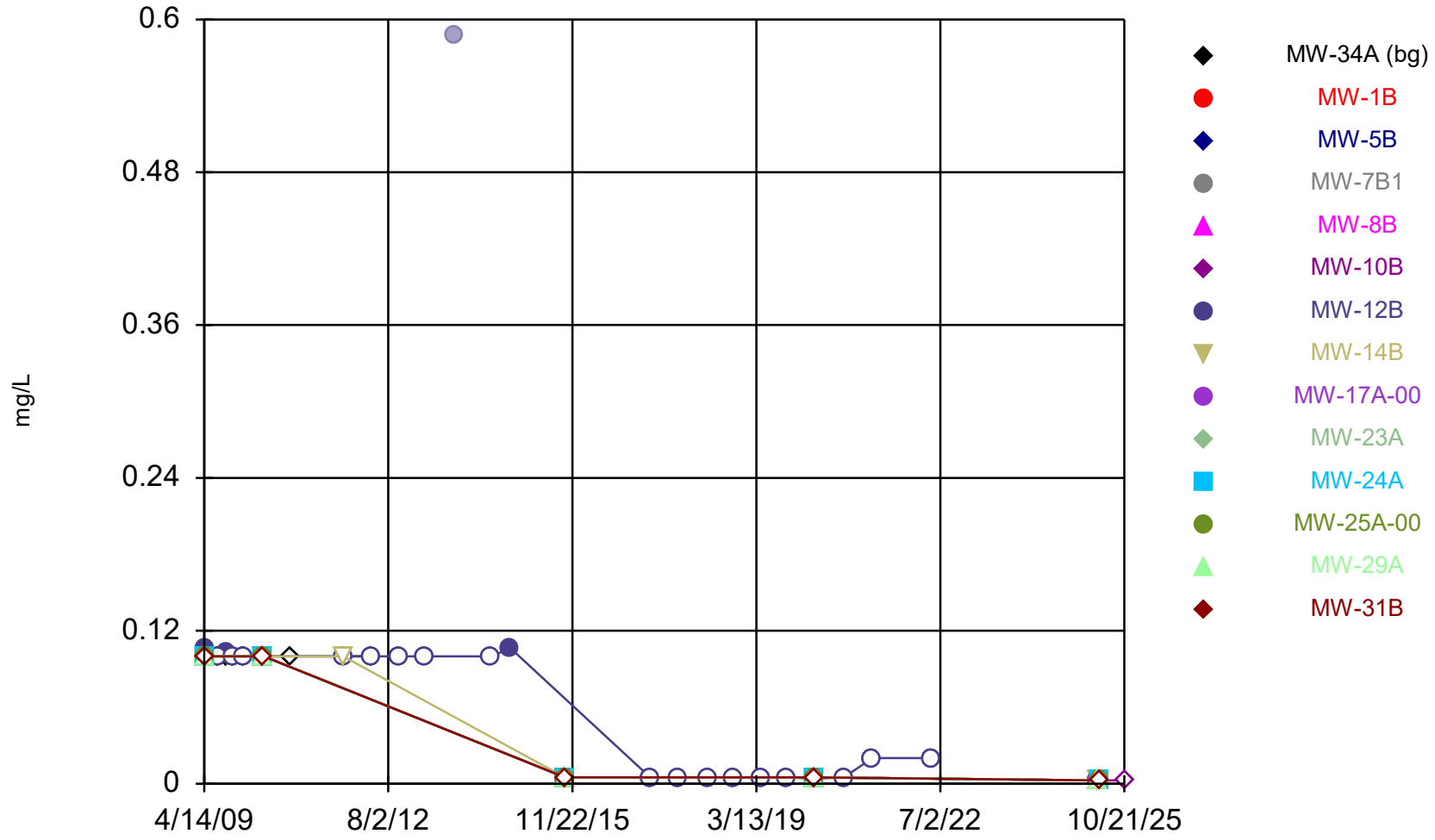


Constituent: Thallium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

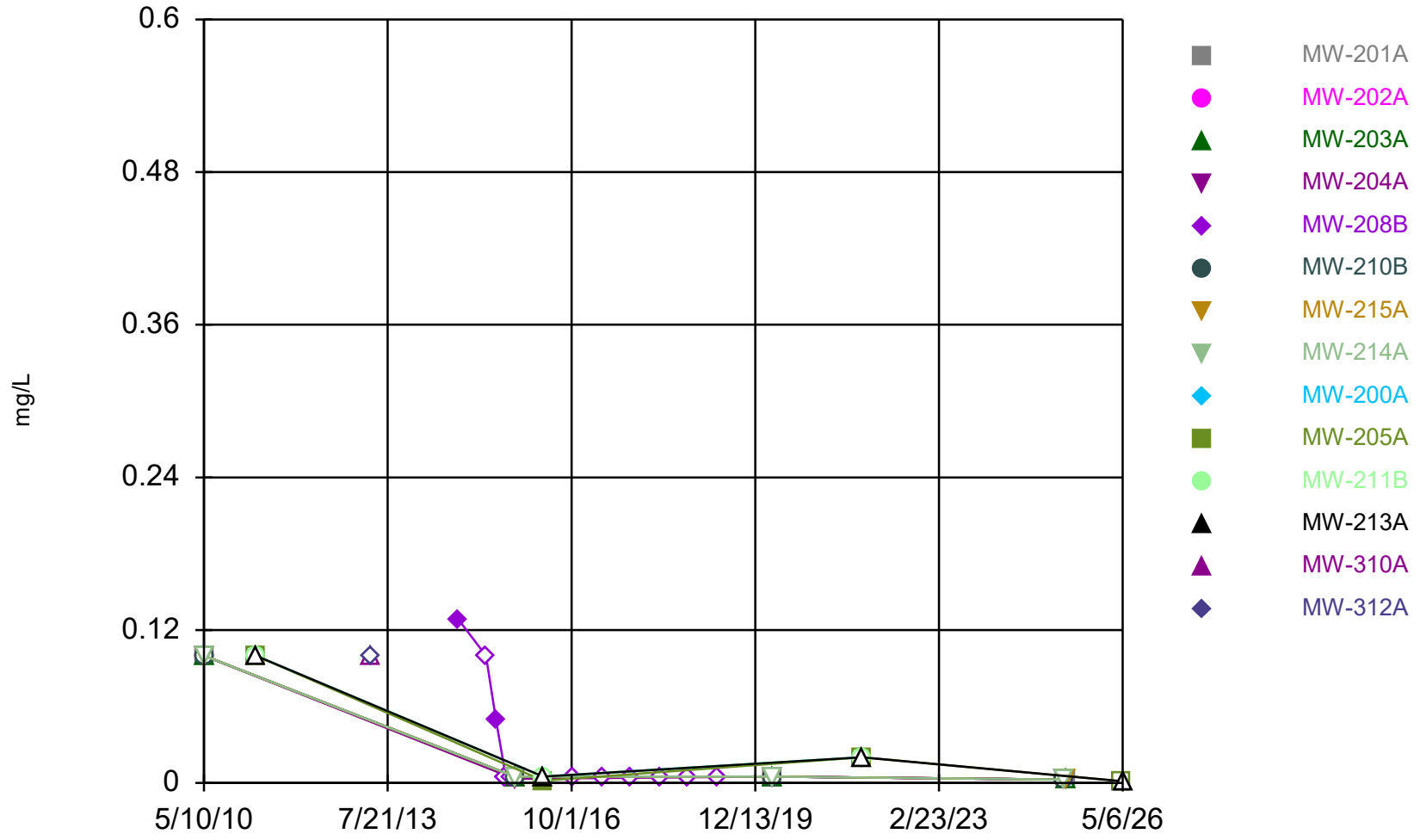


Constituent: Tin Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

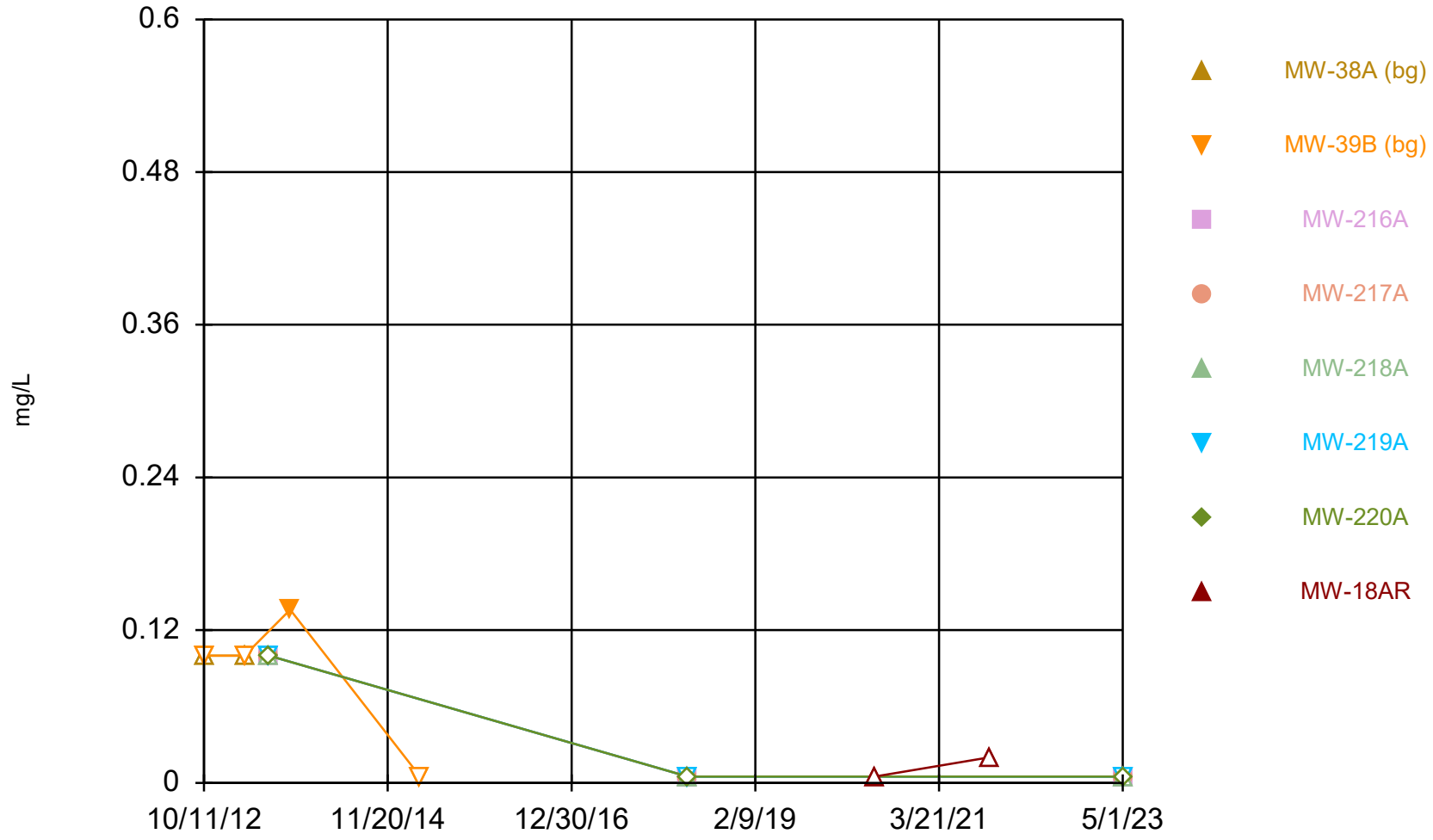


Constituent: Tin Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

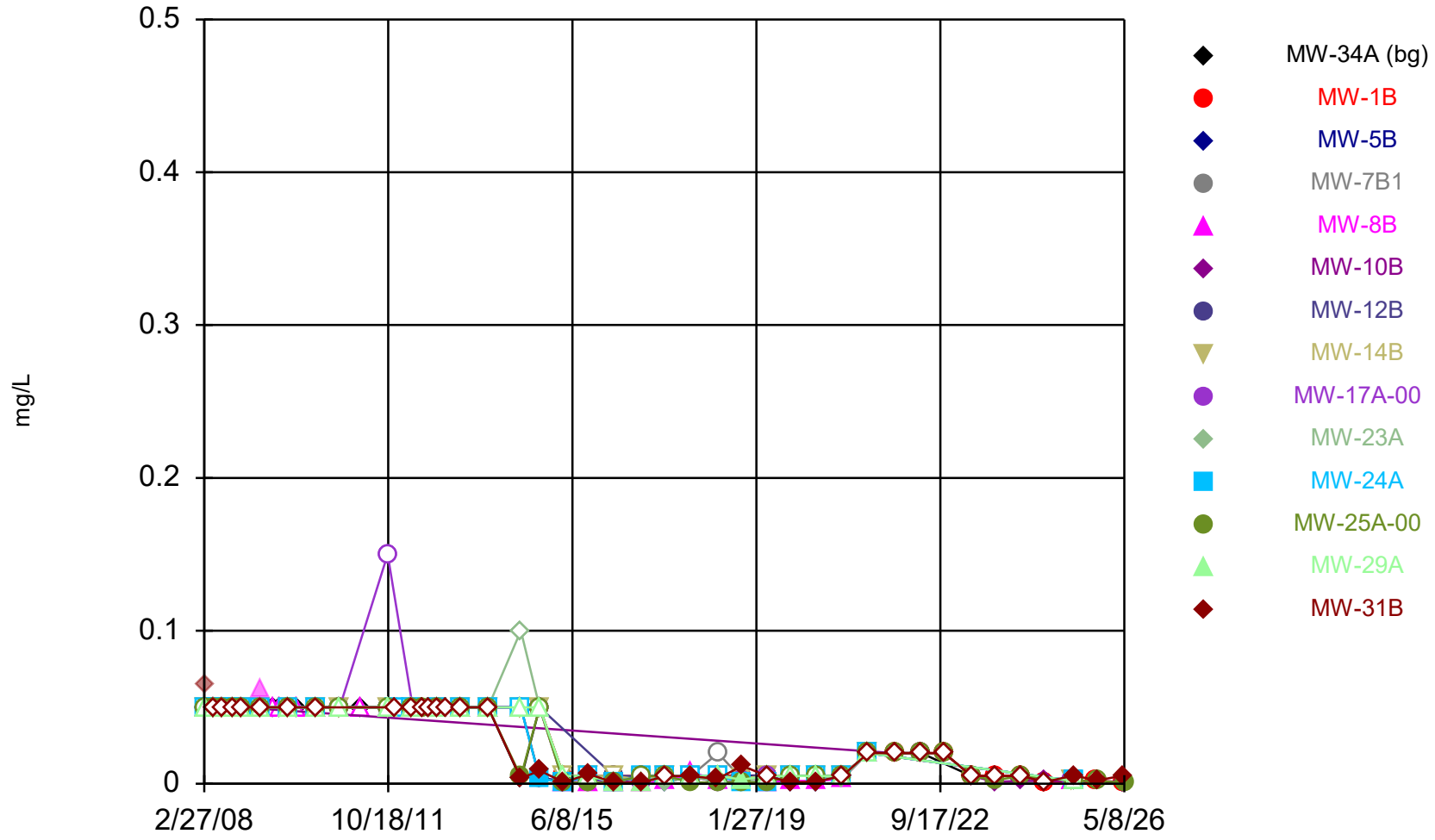


Constituent: Tin Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

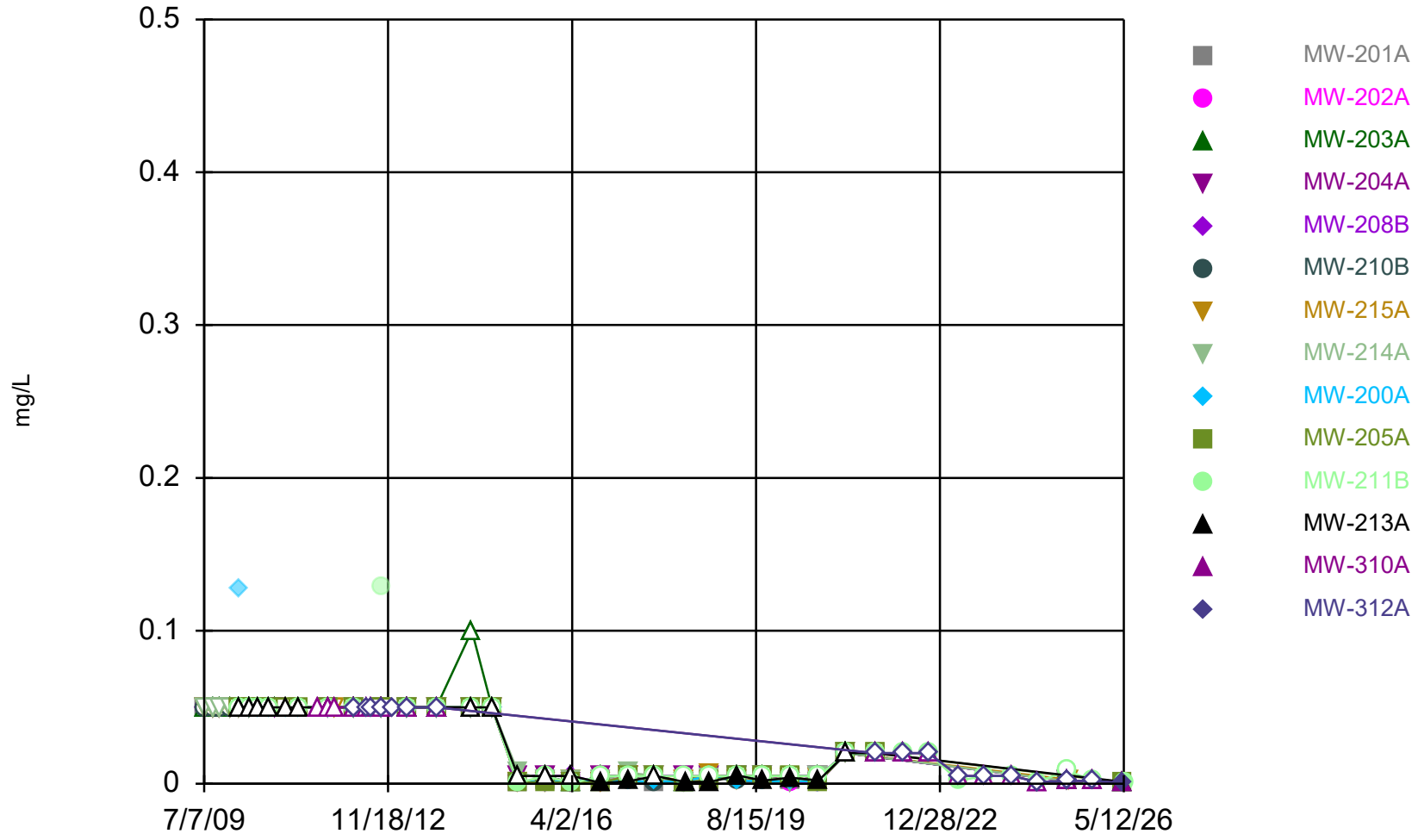


Constituent: Vanadium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

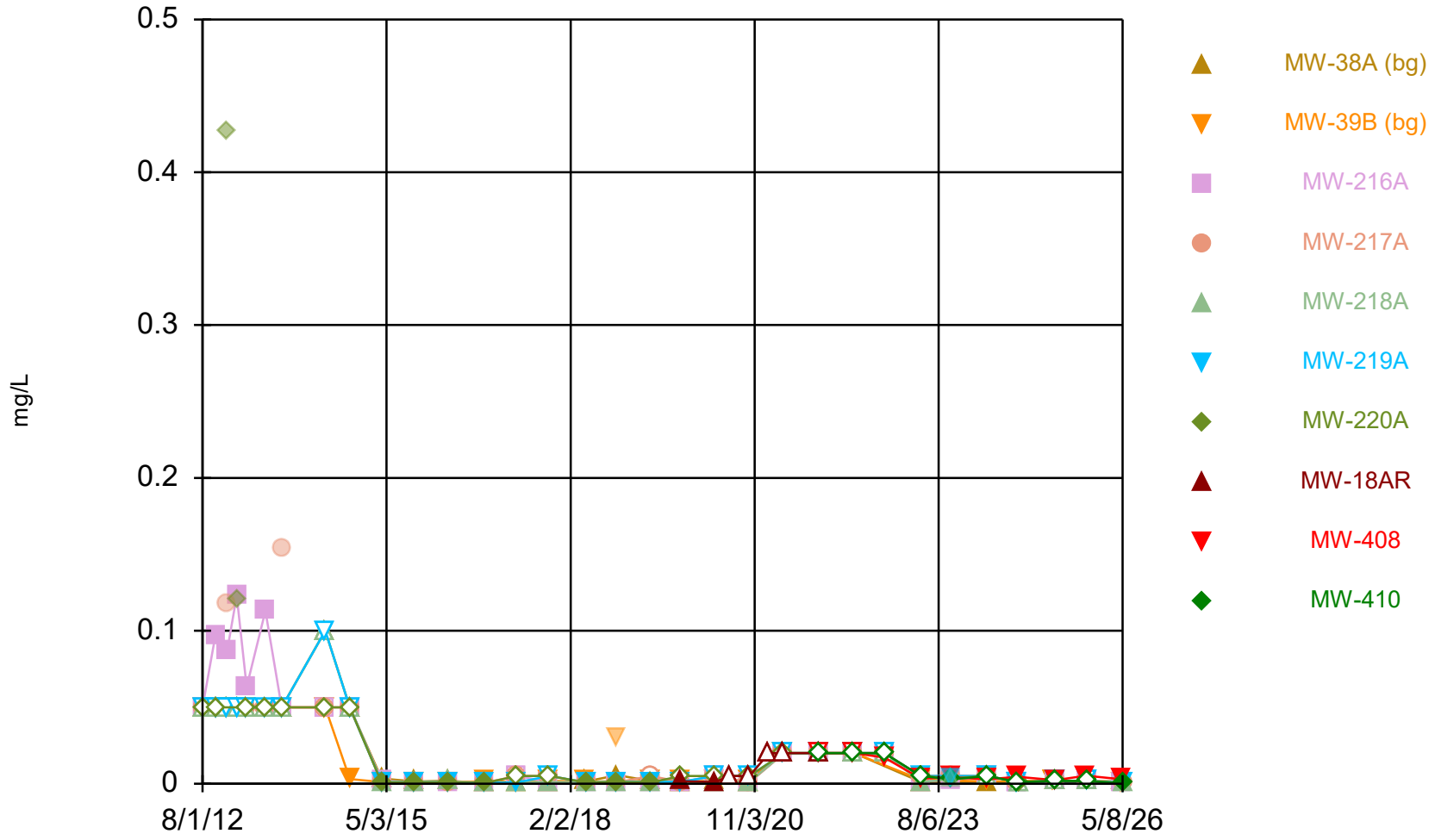


Constituent: Vanadium Analysis Run 7/20/2026 4:06 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

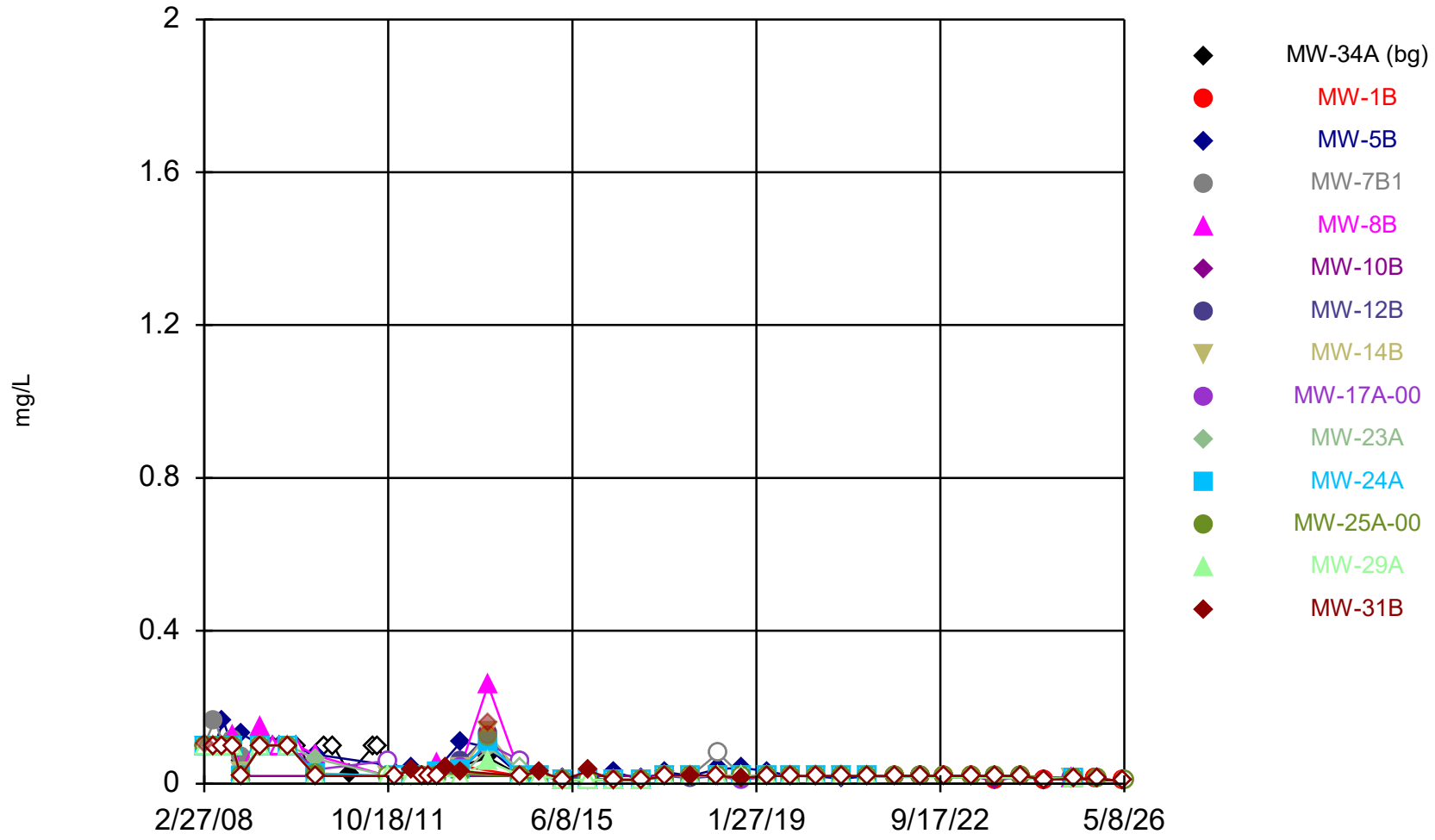


Constituent: Vanadium Analysis Run 7/20/2026 4:07 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

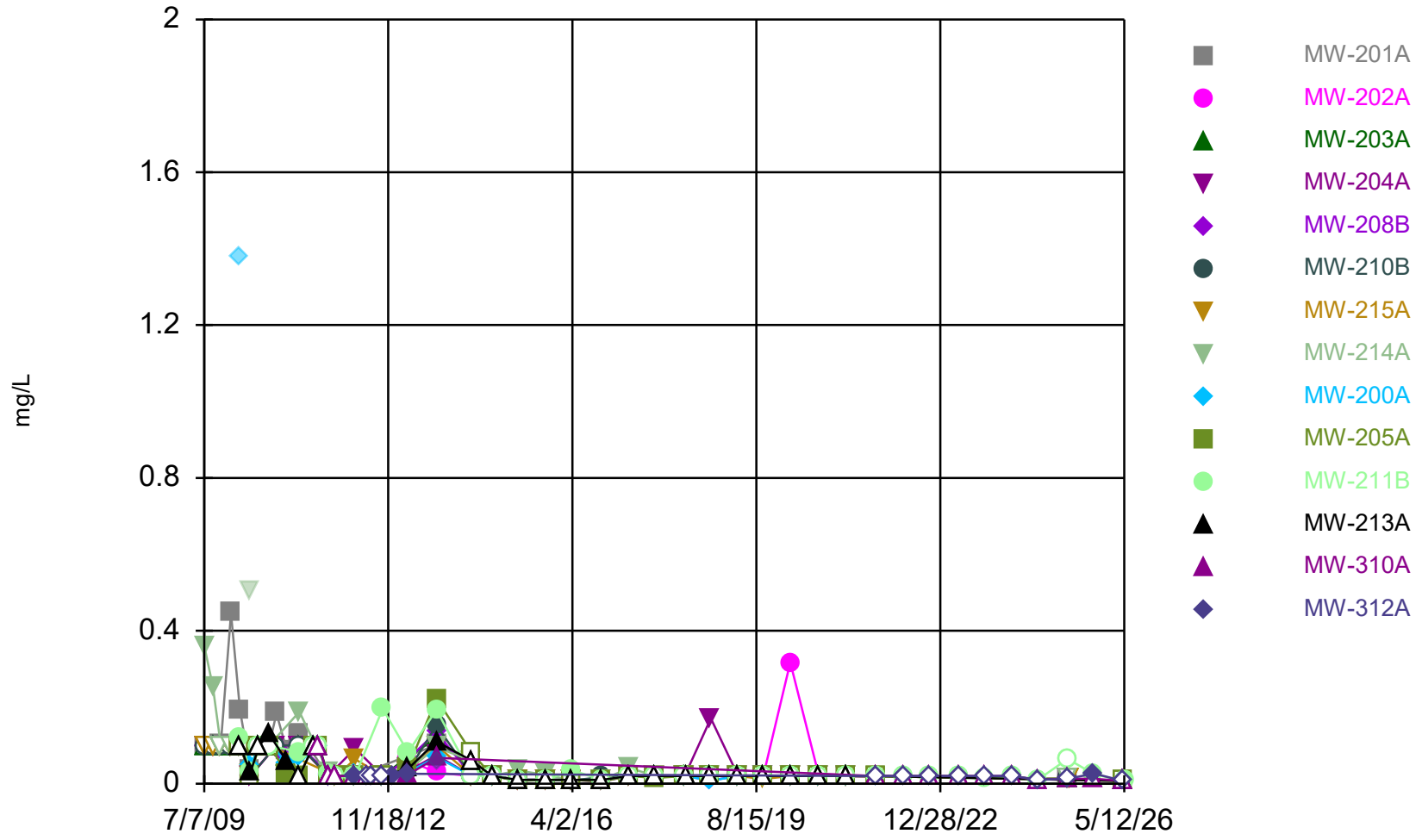


Constituent: Zinc Analysis Run 7/20/2026 4:07 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

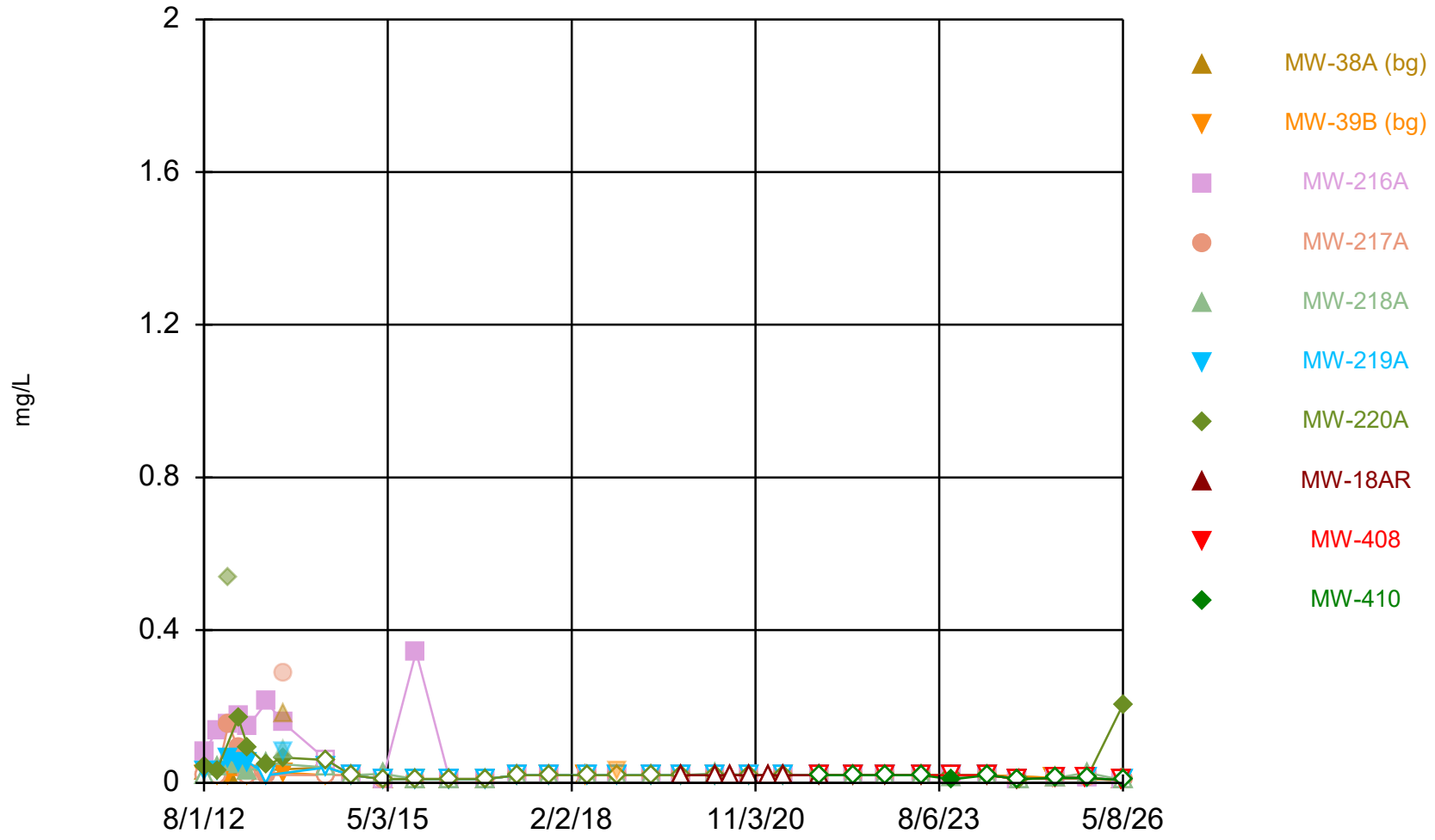


Constituent: Zinc Analysis Run 7/20/2026 4:07 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 7/20/2026 4:07 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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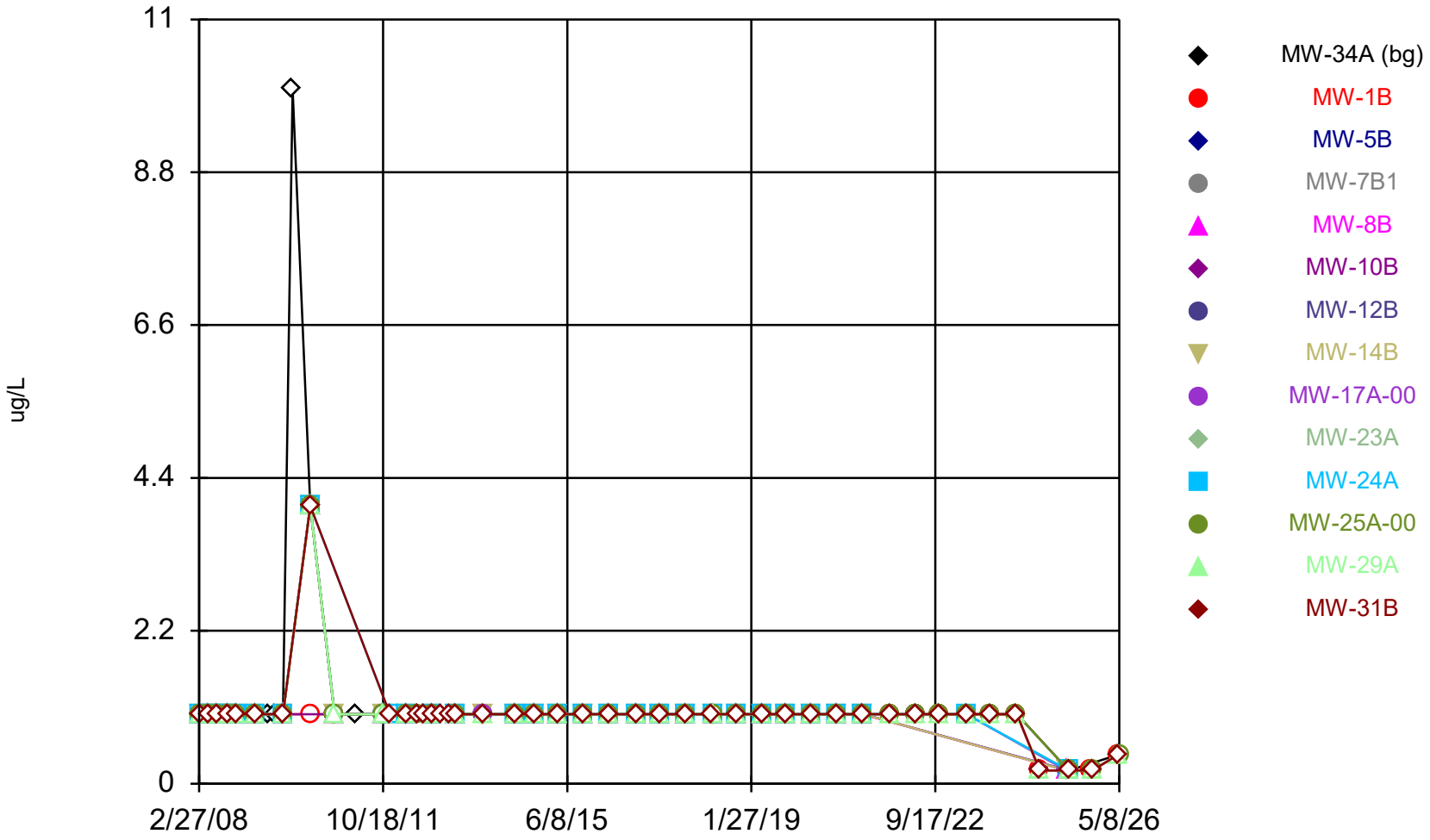
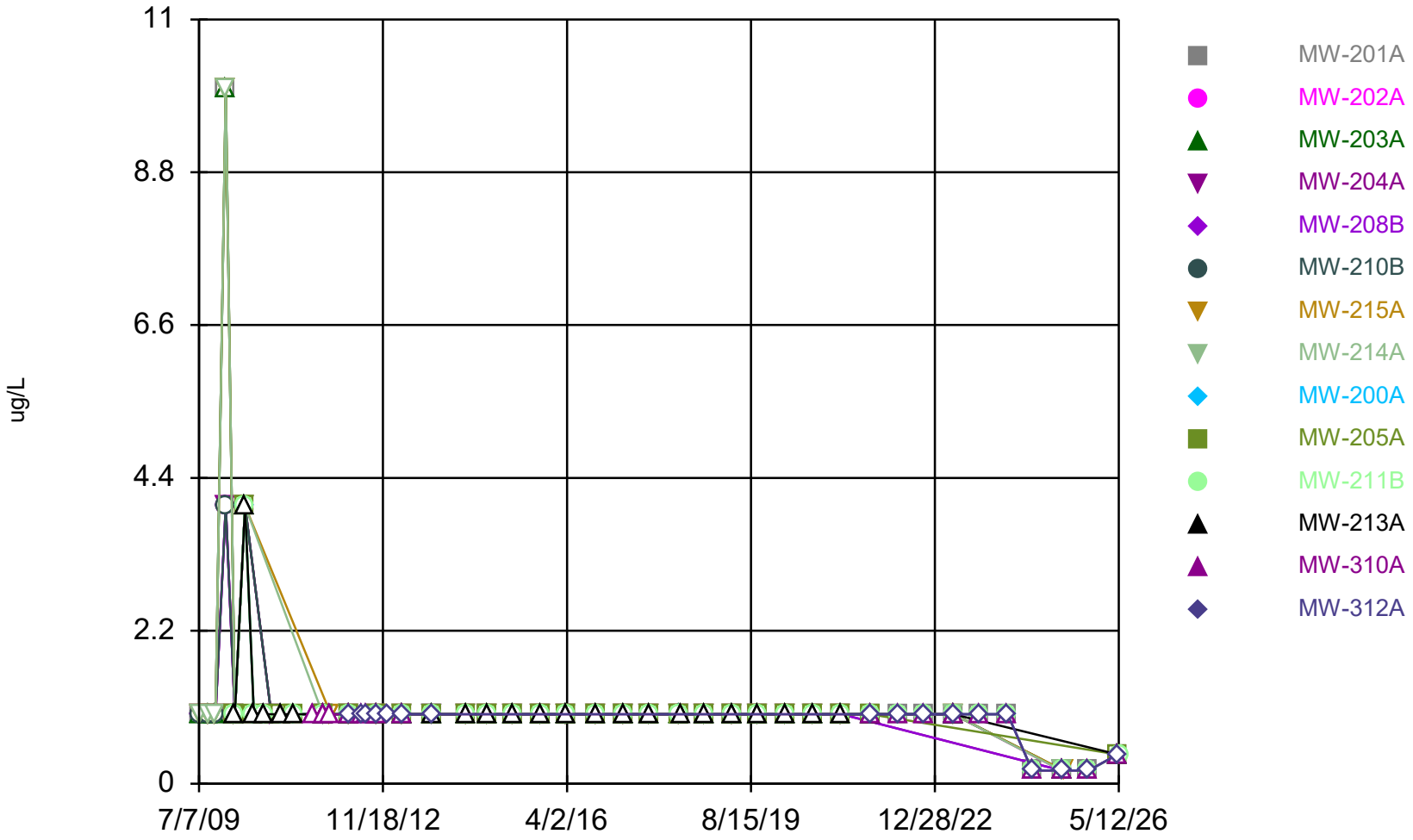


Constituent: 1,1,1-Trichloroethane Analysis Run 7/8/2026 8:55 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

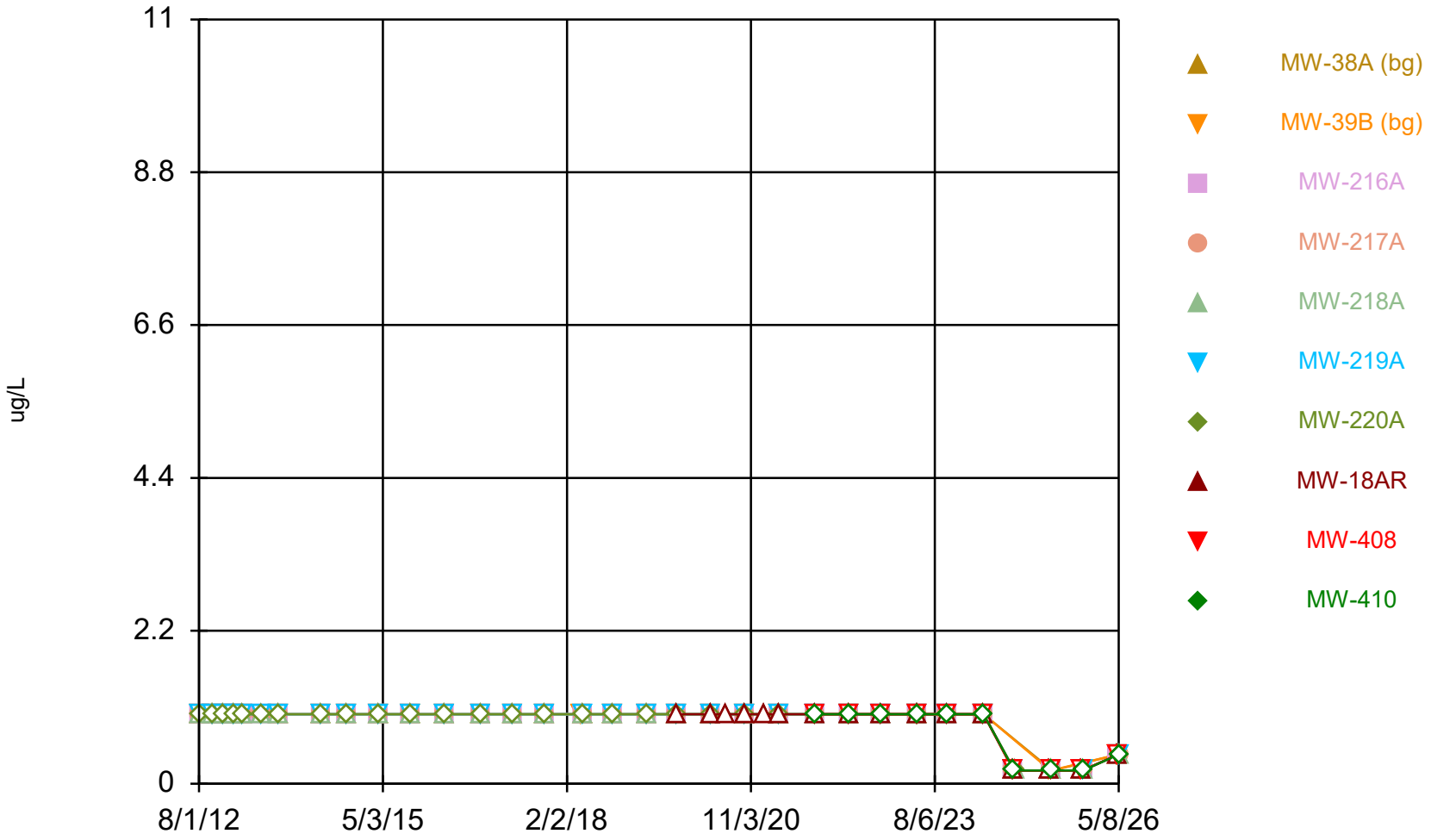


Constituent: 1,1,1-Trichloroethane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

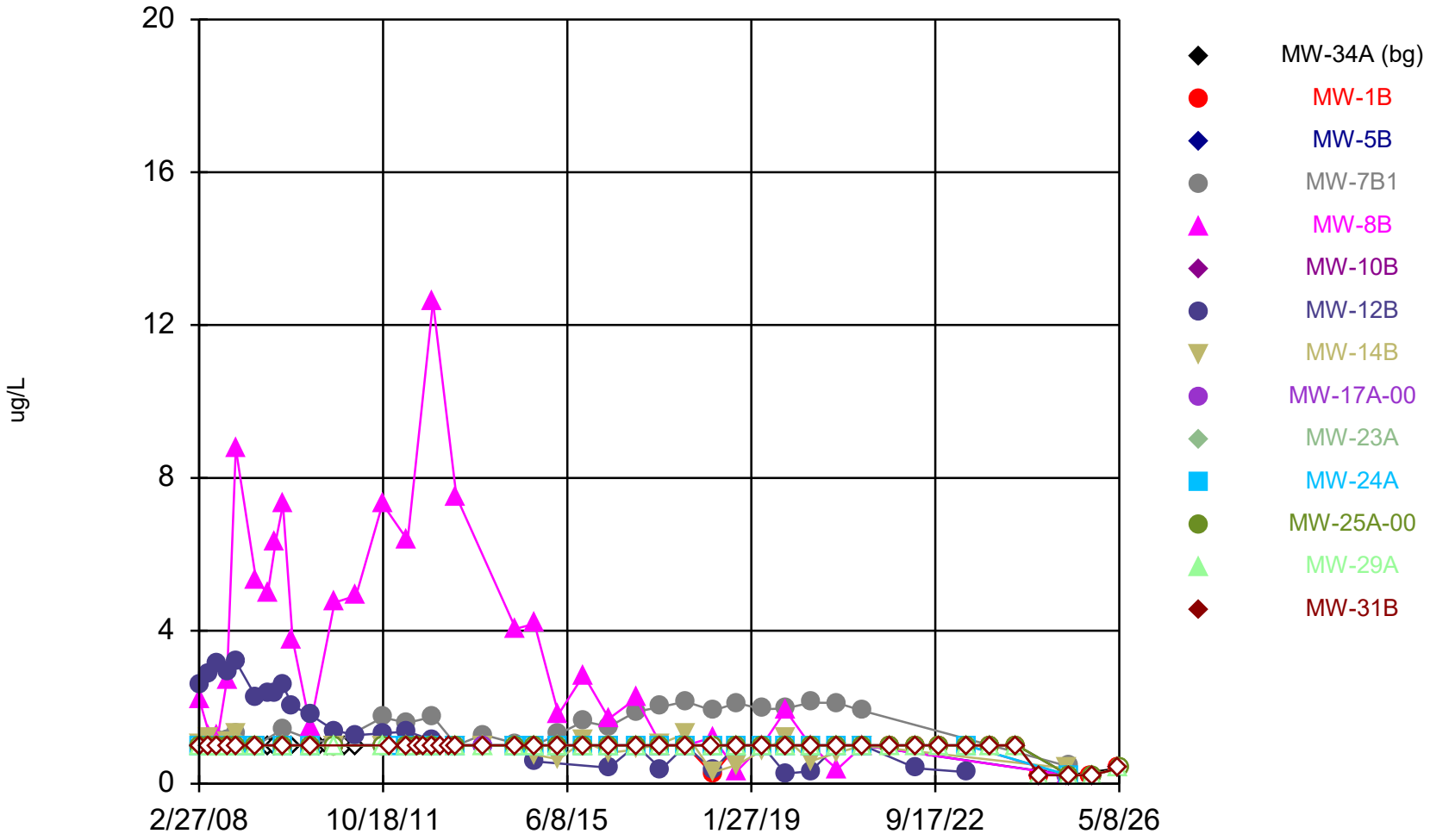


Constituent: 1,1,1-Trichloroethane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

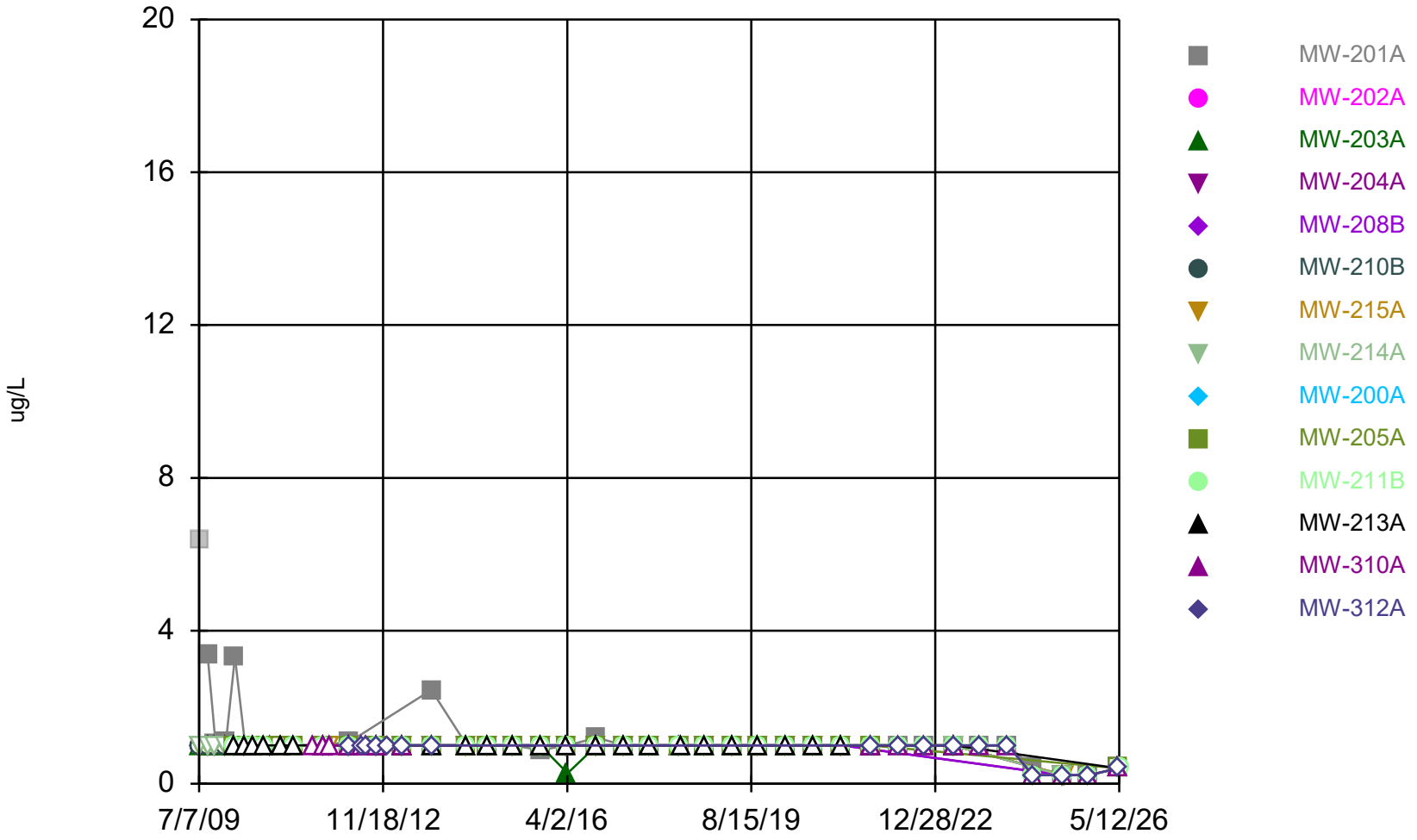


Constituent: 1,1-Dichloroethane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

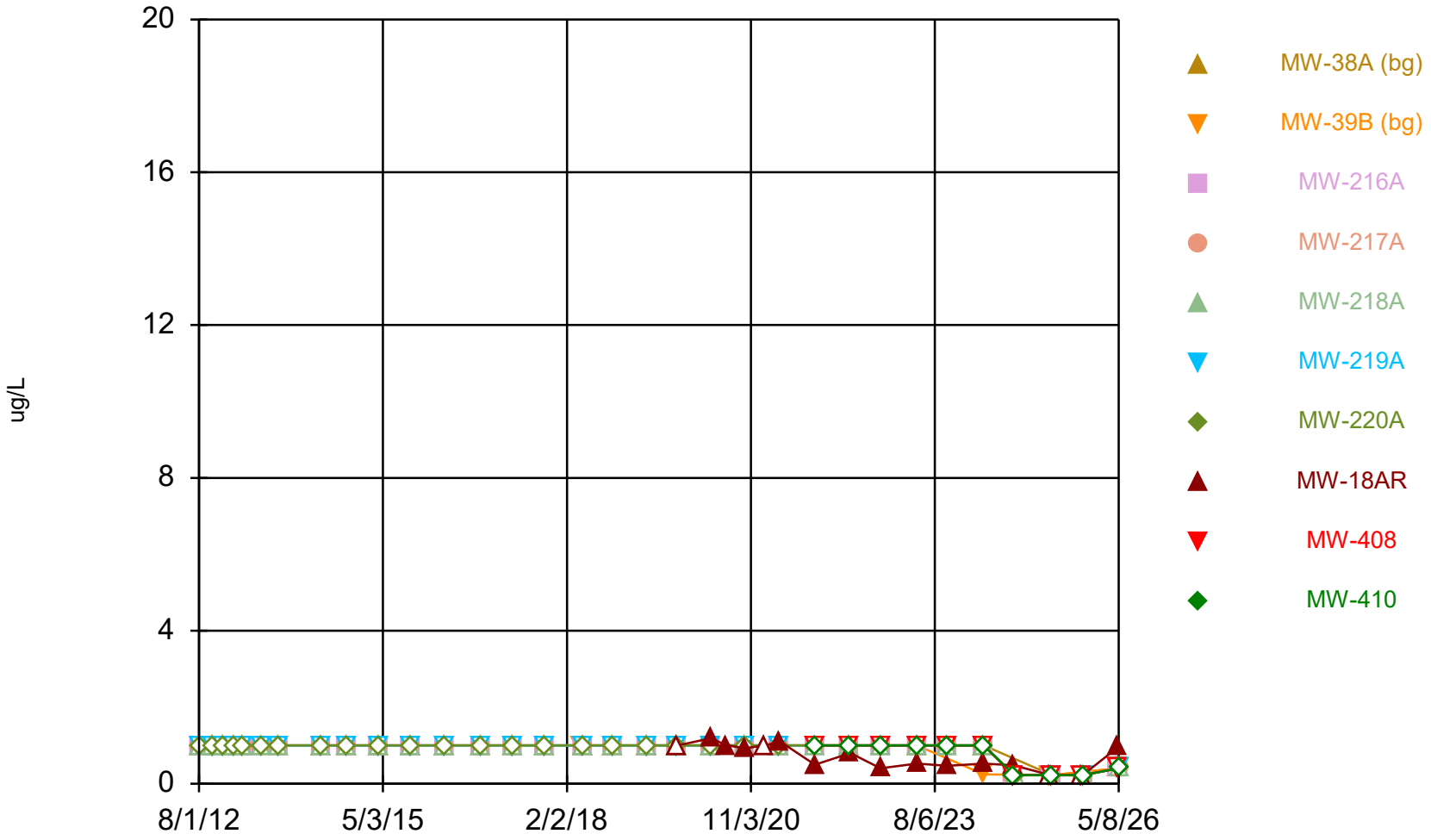


Constituent: 1,1-Dichloroethane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

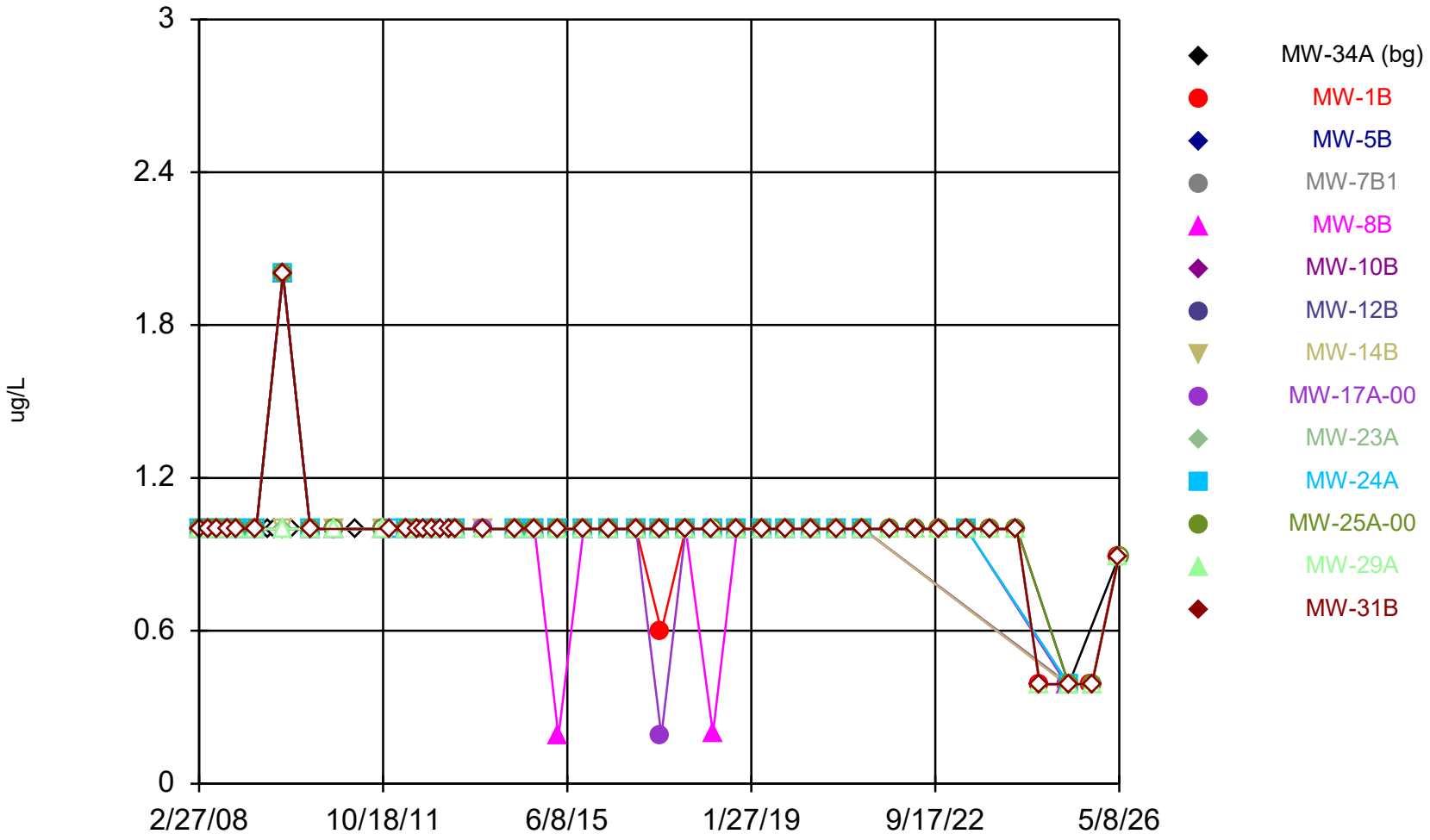


Constituent: 1,1-Dichloroethane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

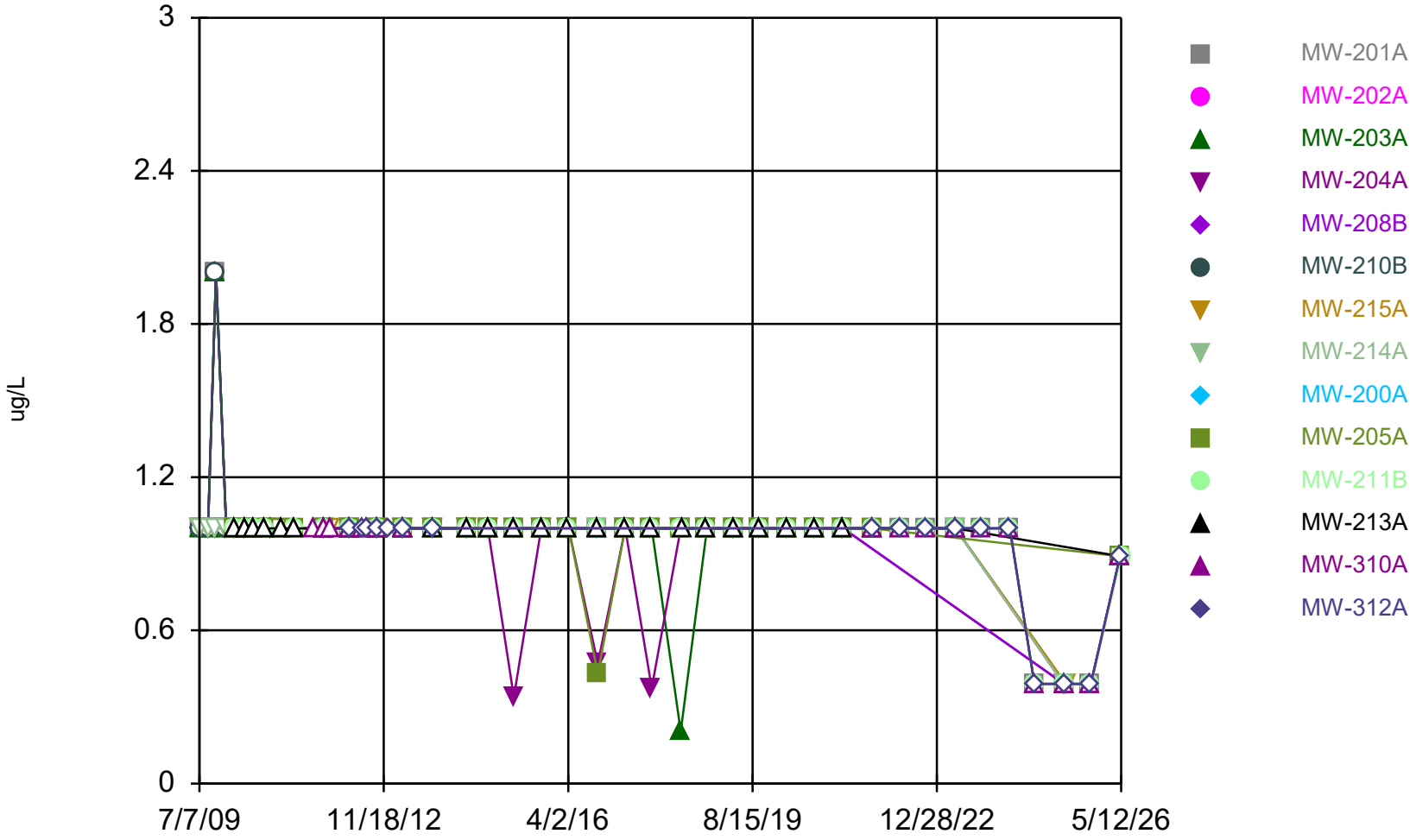


Constituent: 1,2-Dichloroethane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

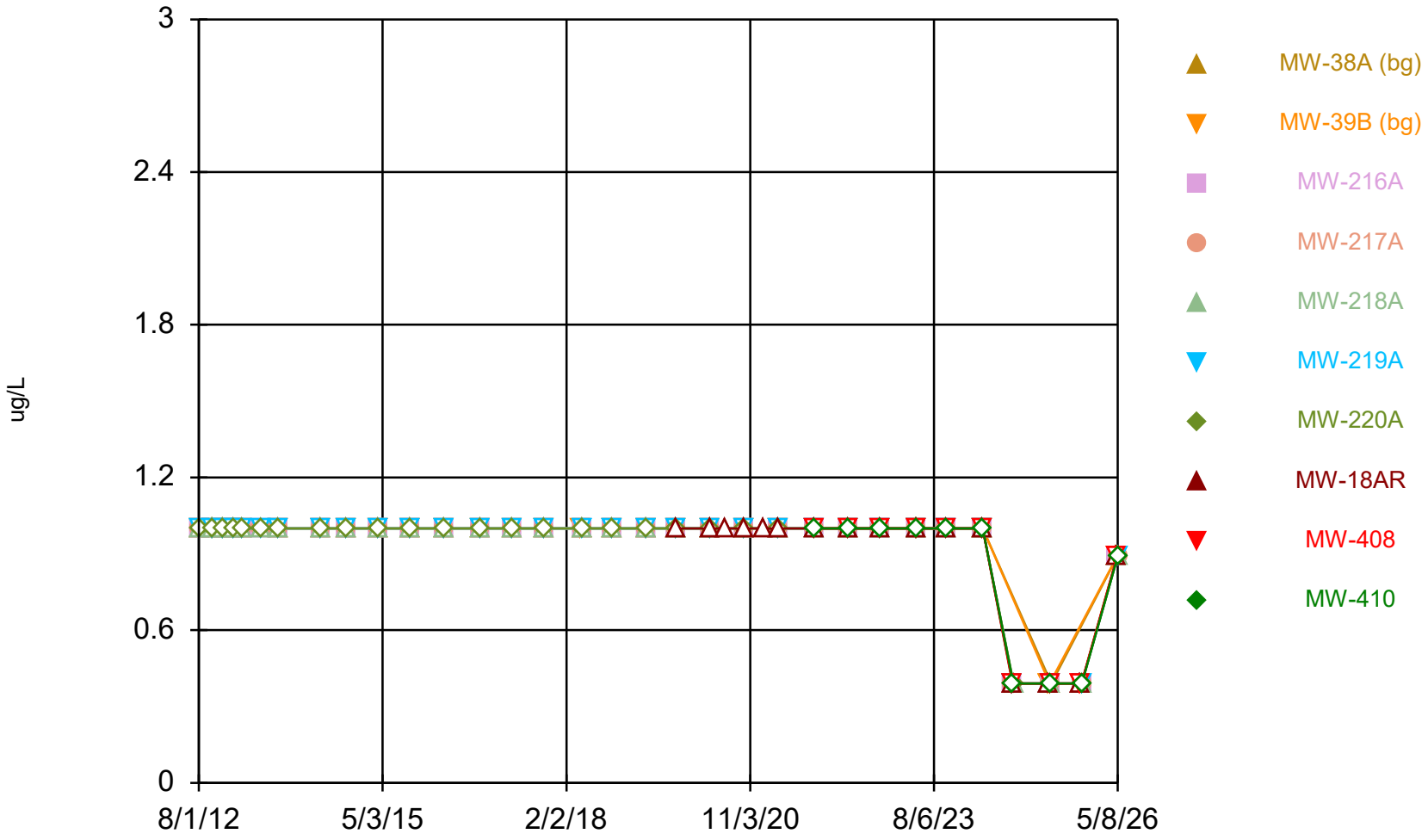


Constituent: 1,2-Dichloroethane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

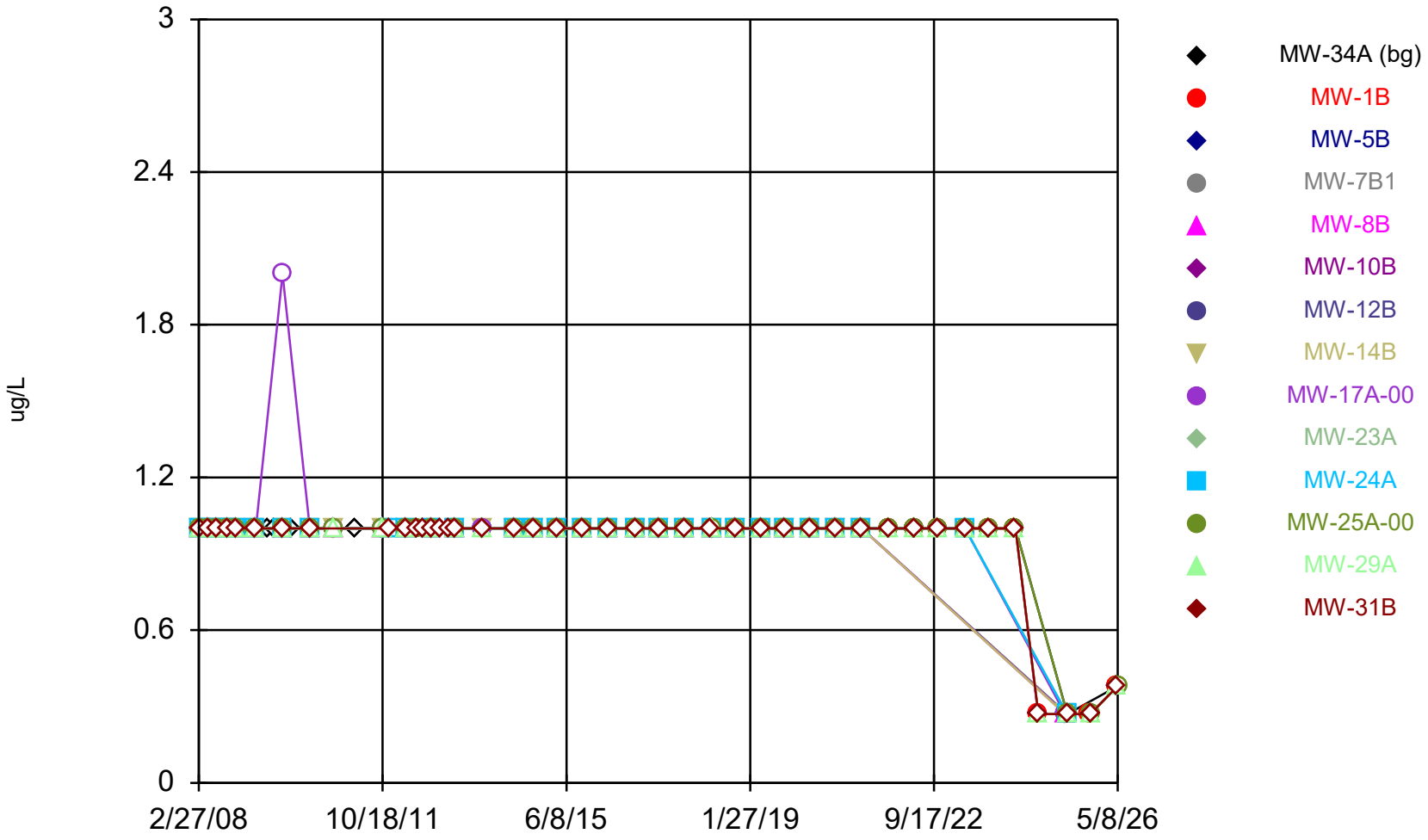


Constituent: 1,2-Dichloroethane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

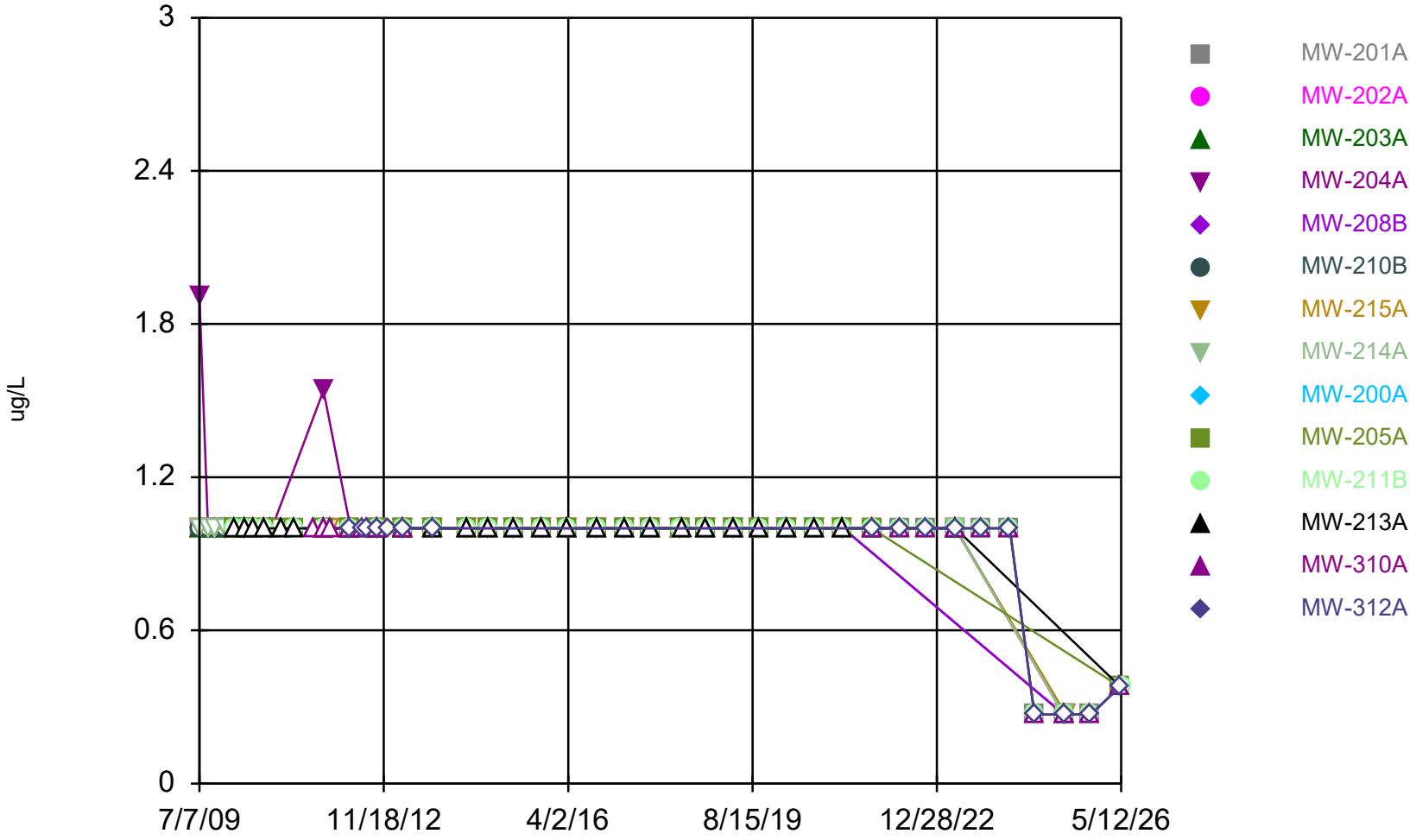


Constituent: 1,2-Dichloropropane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

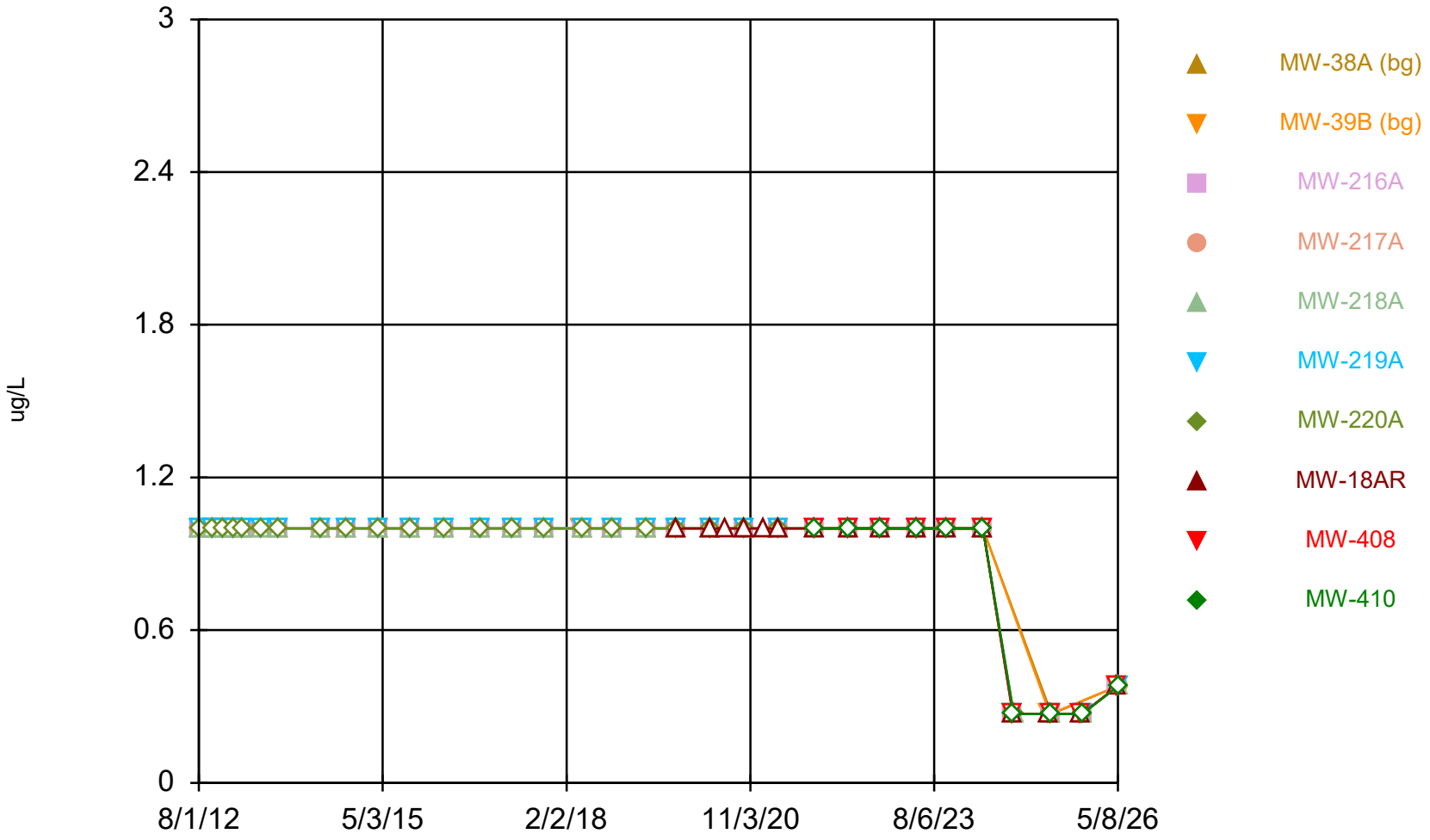


Constituent: 1,2-Dichloropropane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

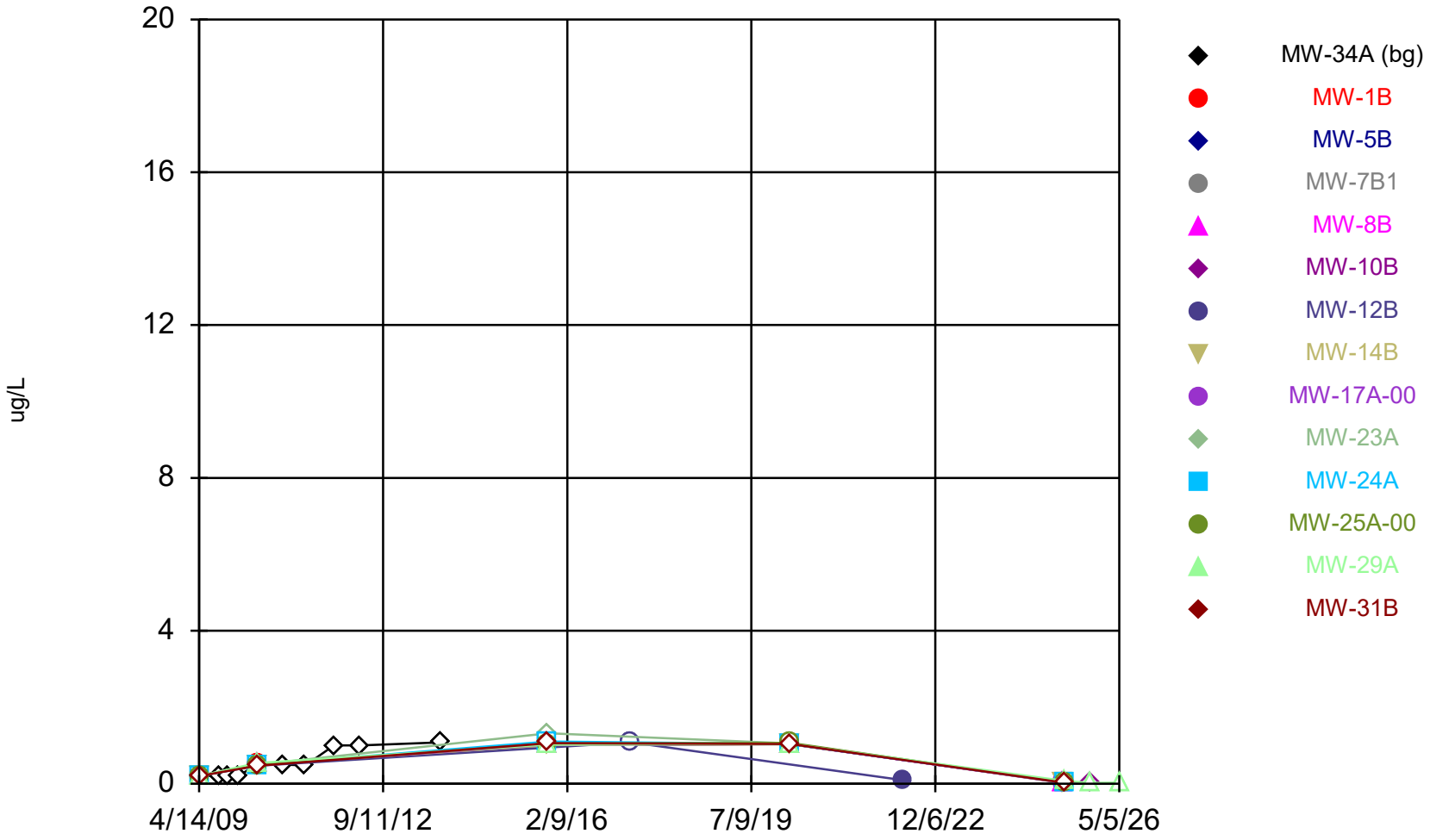


Constituent: 1,2-Dichloropropane Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

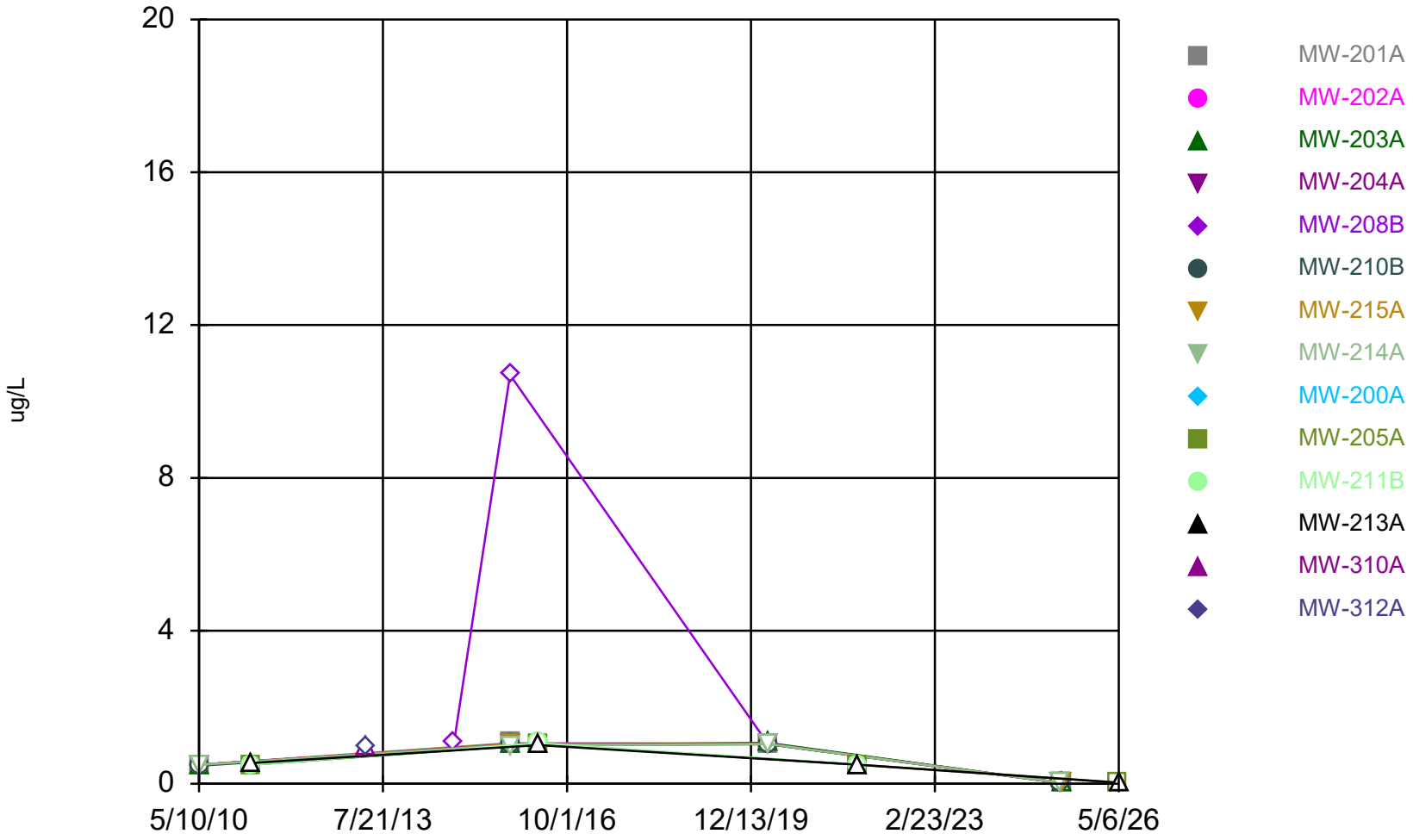


Constituent: 2,4,5-TP [Silvex] Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

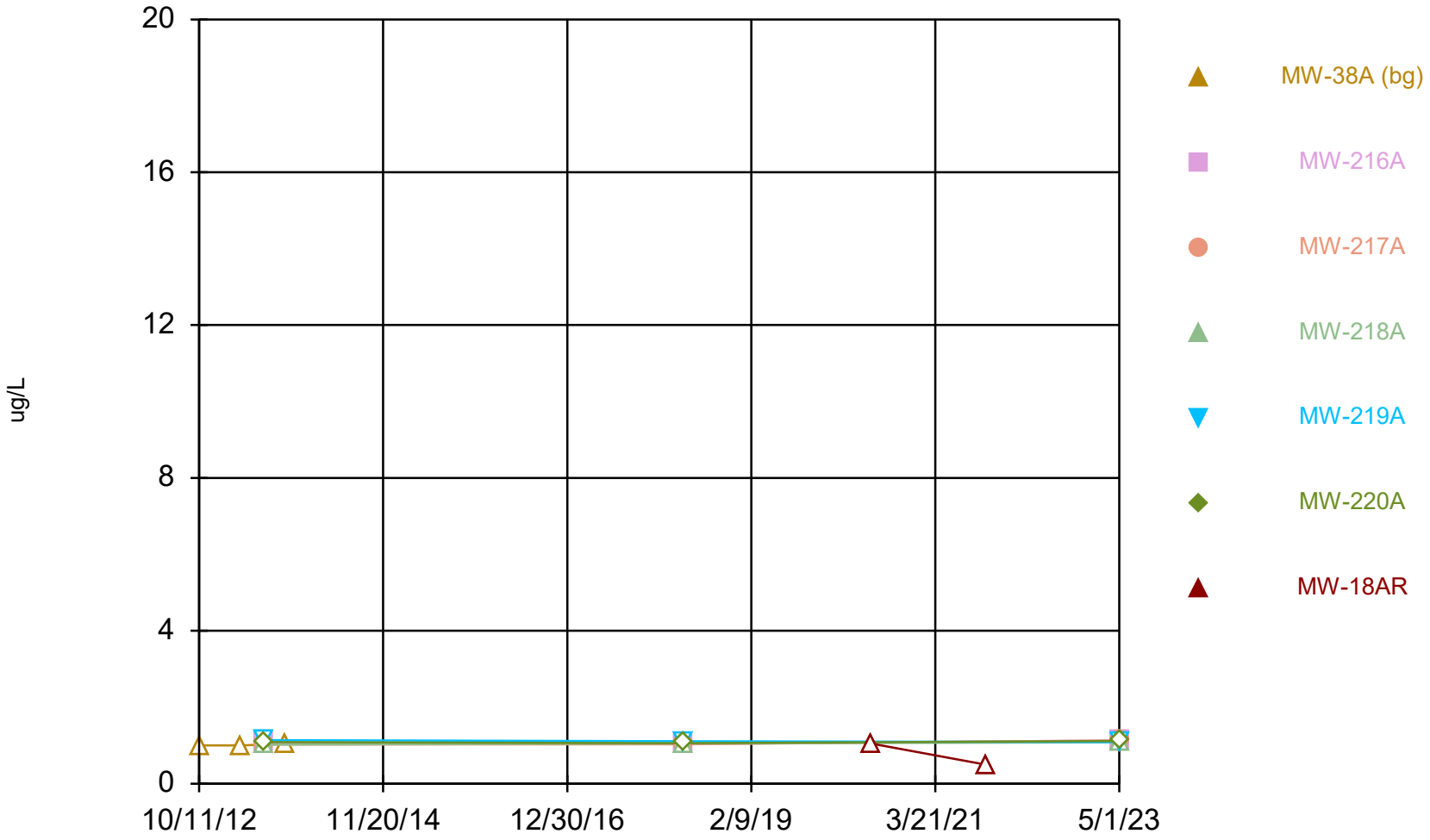


Constituent: 2,4,5-TP [Silvex] Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

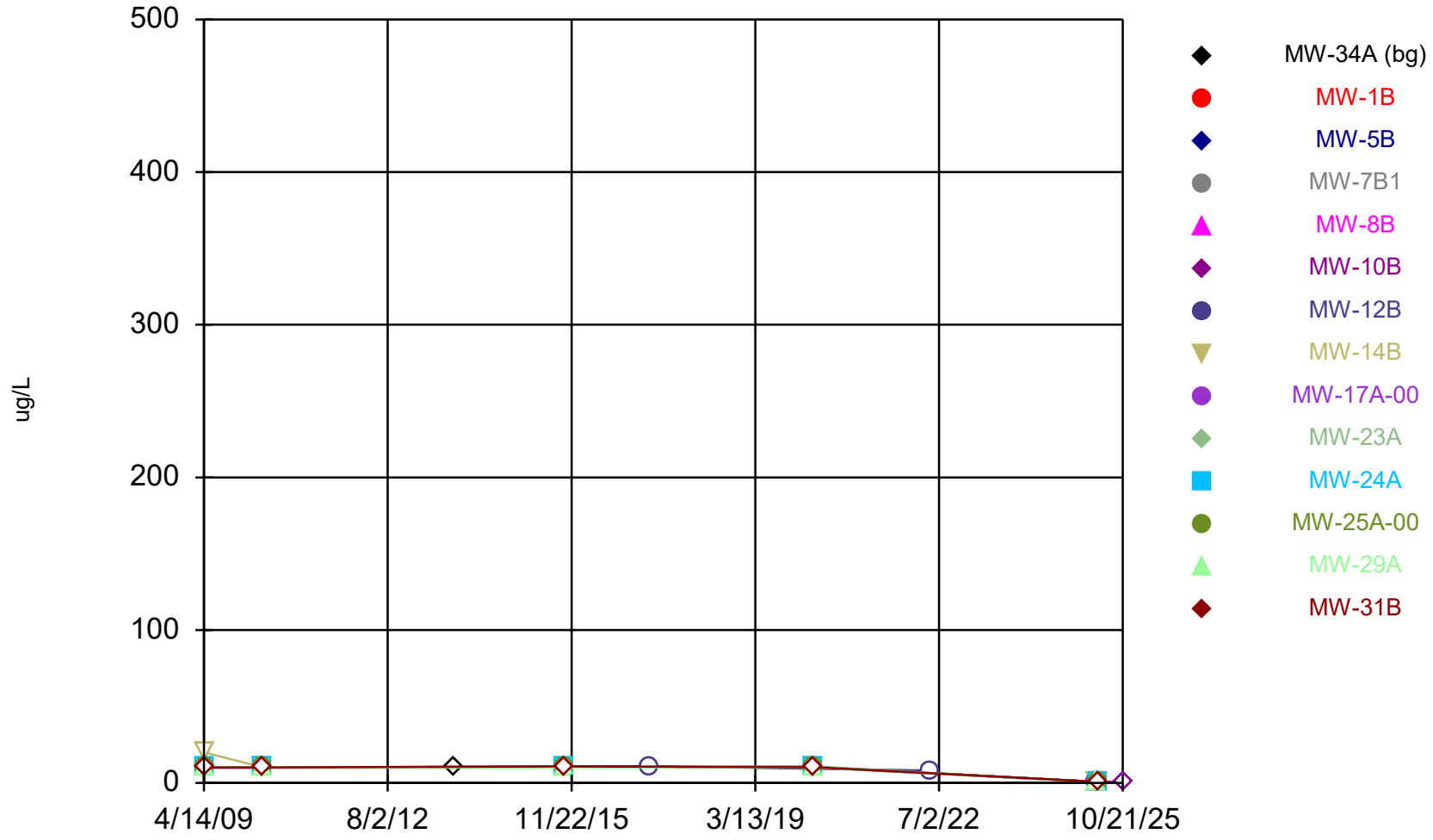


Constituent: 2,4,5-TP [Silvex] Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

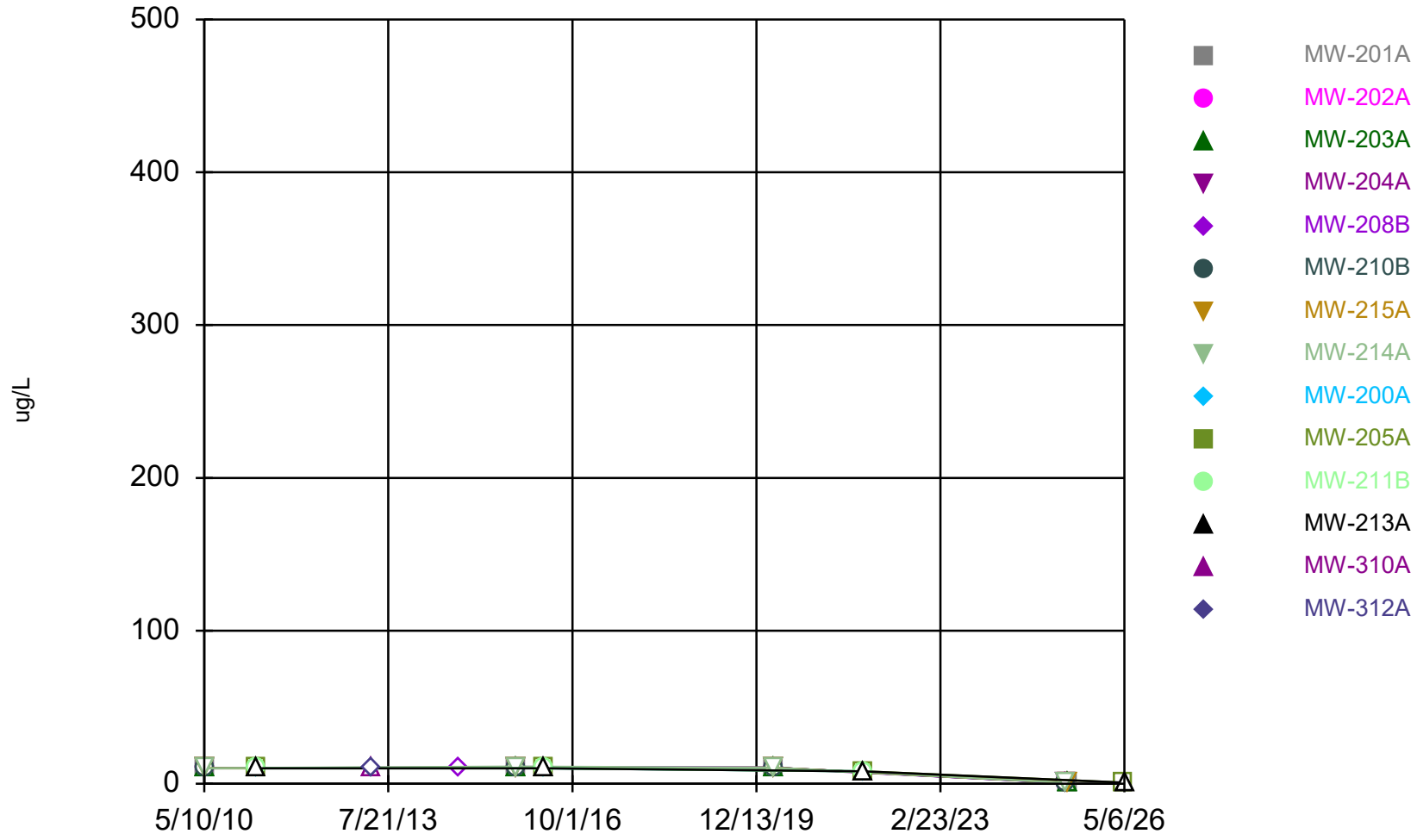


Constituent: 2,4-Dimethylphenol Analysis Run 7/8/2026 8:56 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

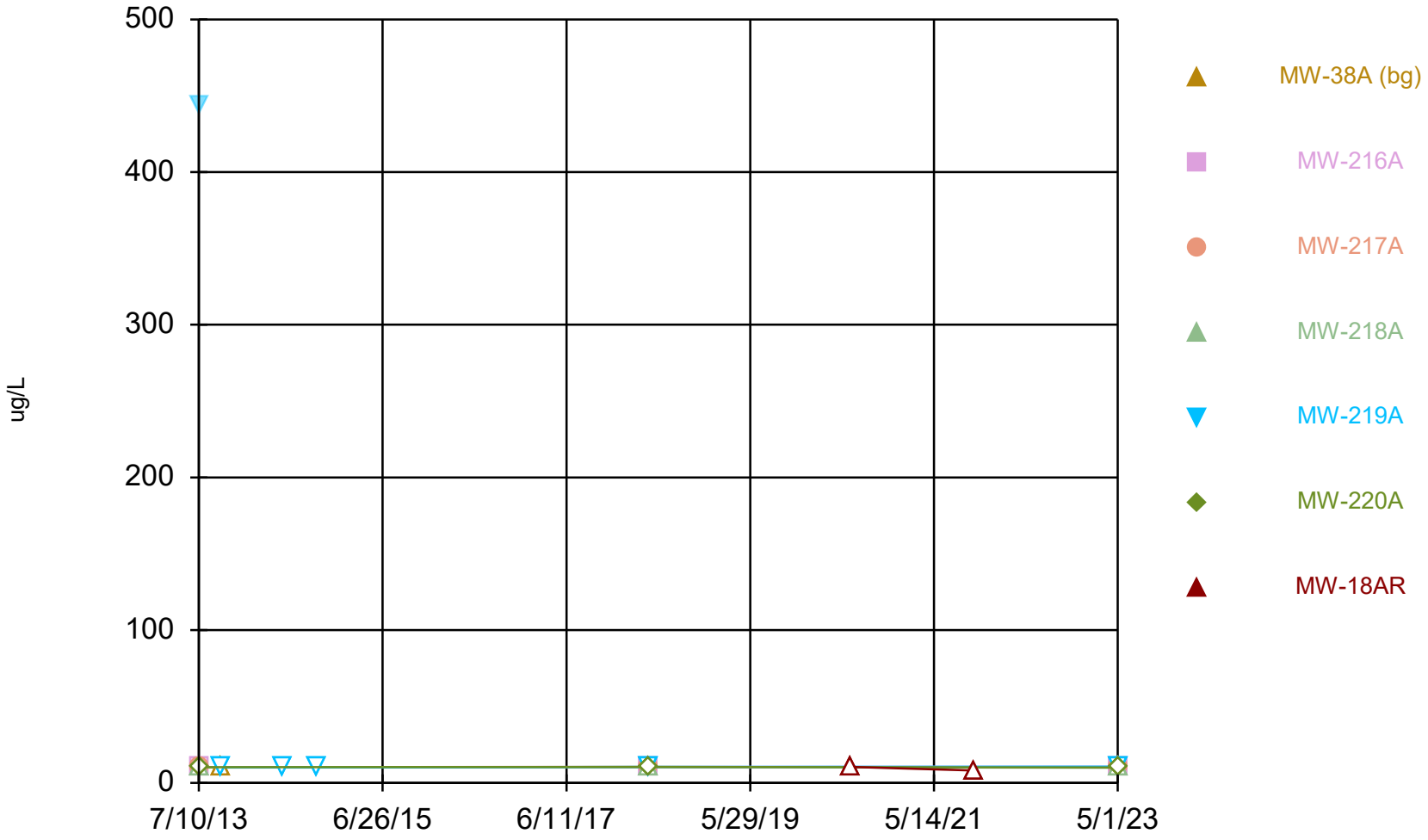


Constituent: 2,4-Dimethylphenol Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

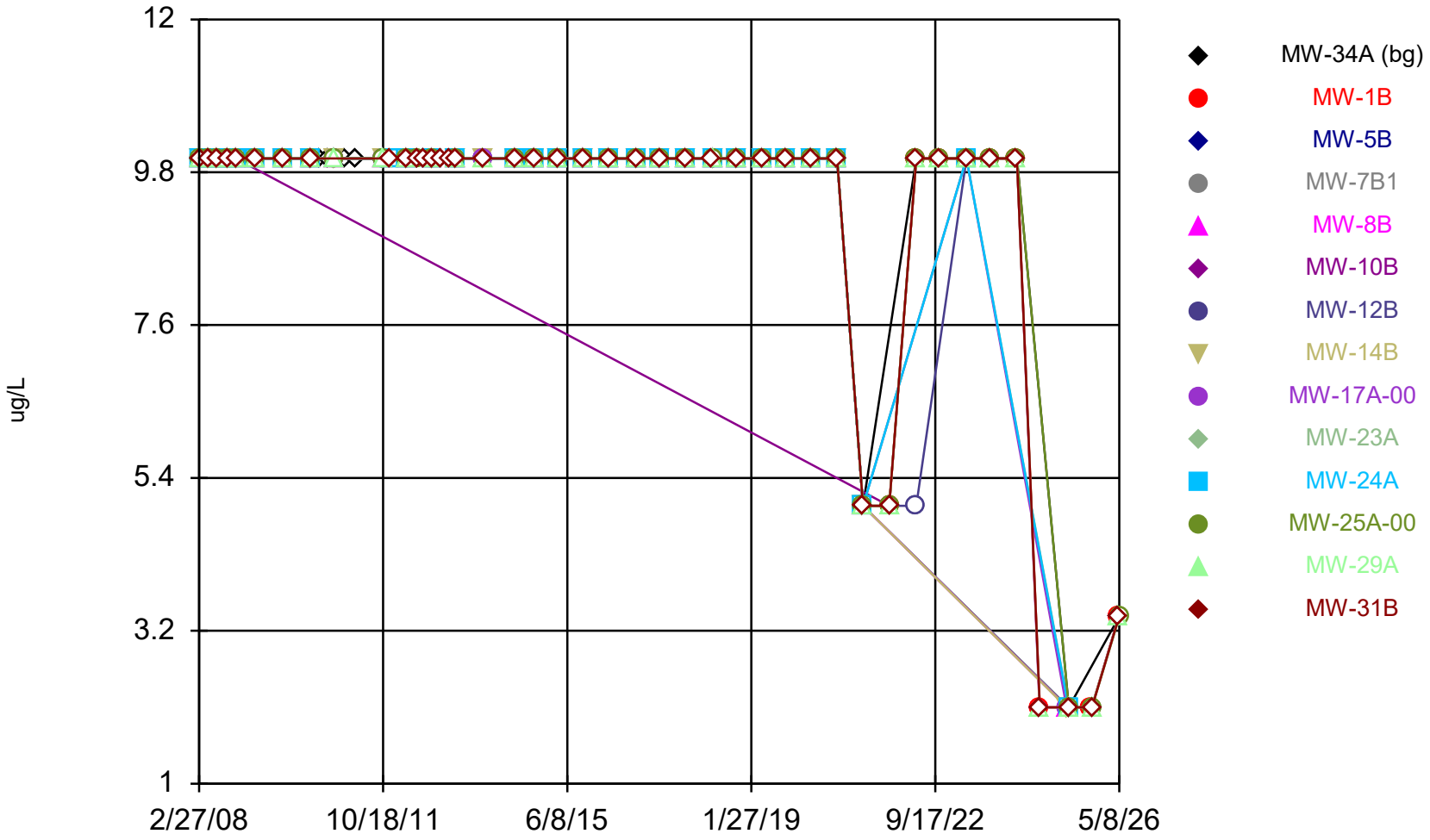


Constituent: 2,4-Dimethylphenol Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

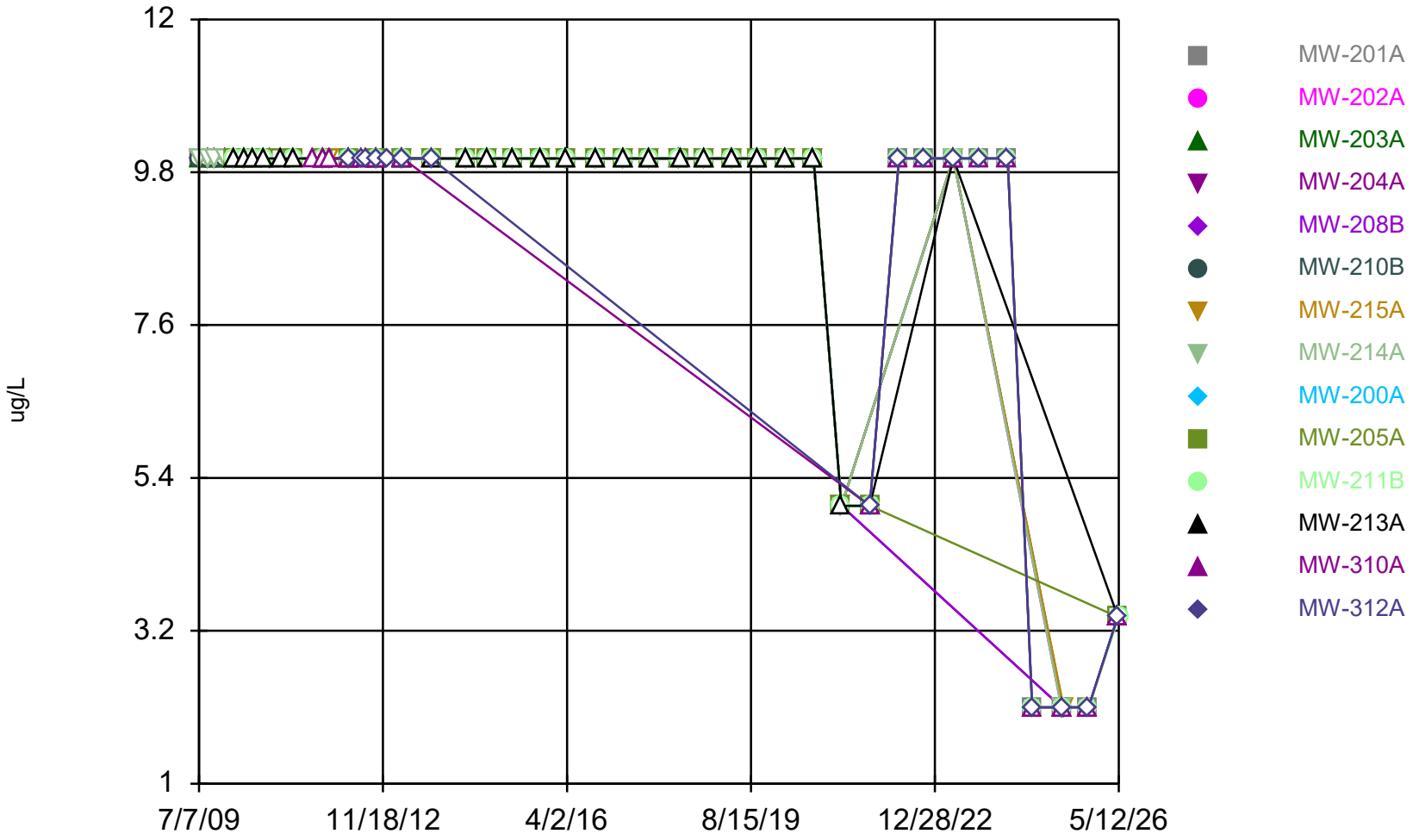


Constituent: 2-Butanone [MEK] Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

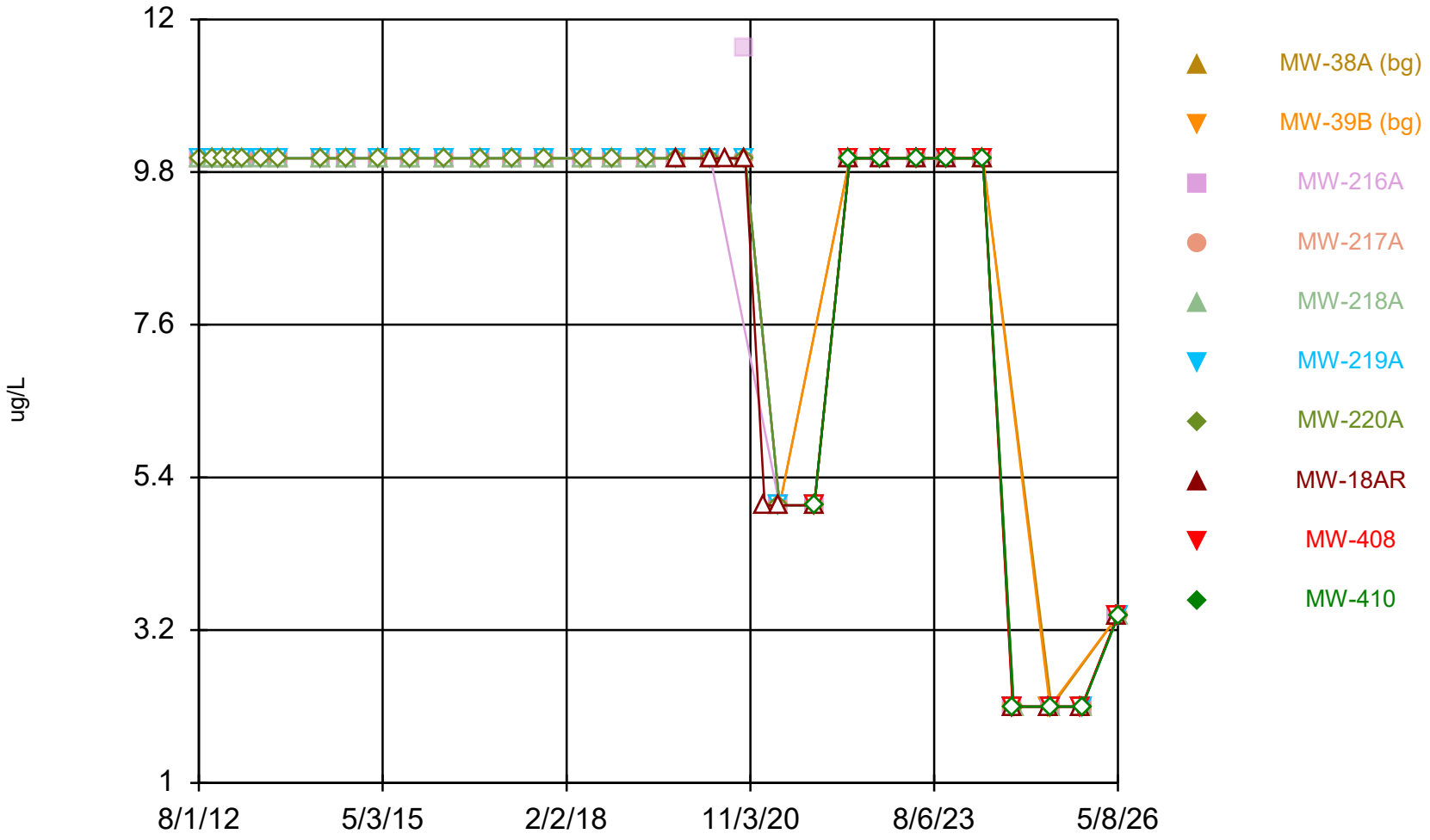


Constituent: 2-Butanone [MEK] Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

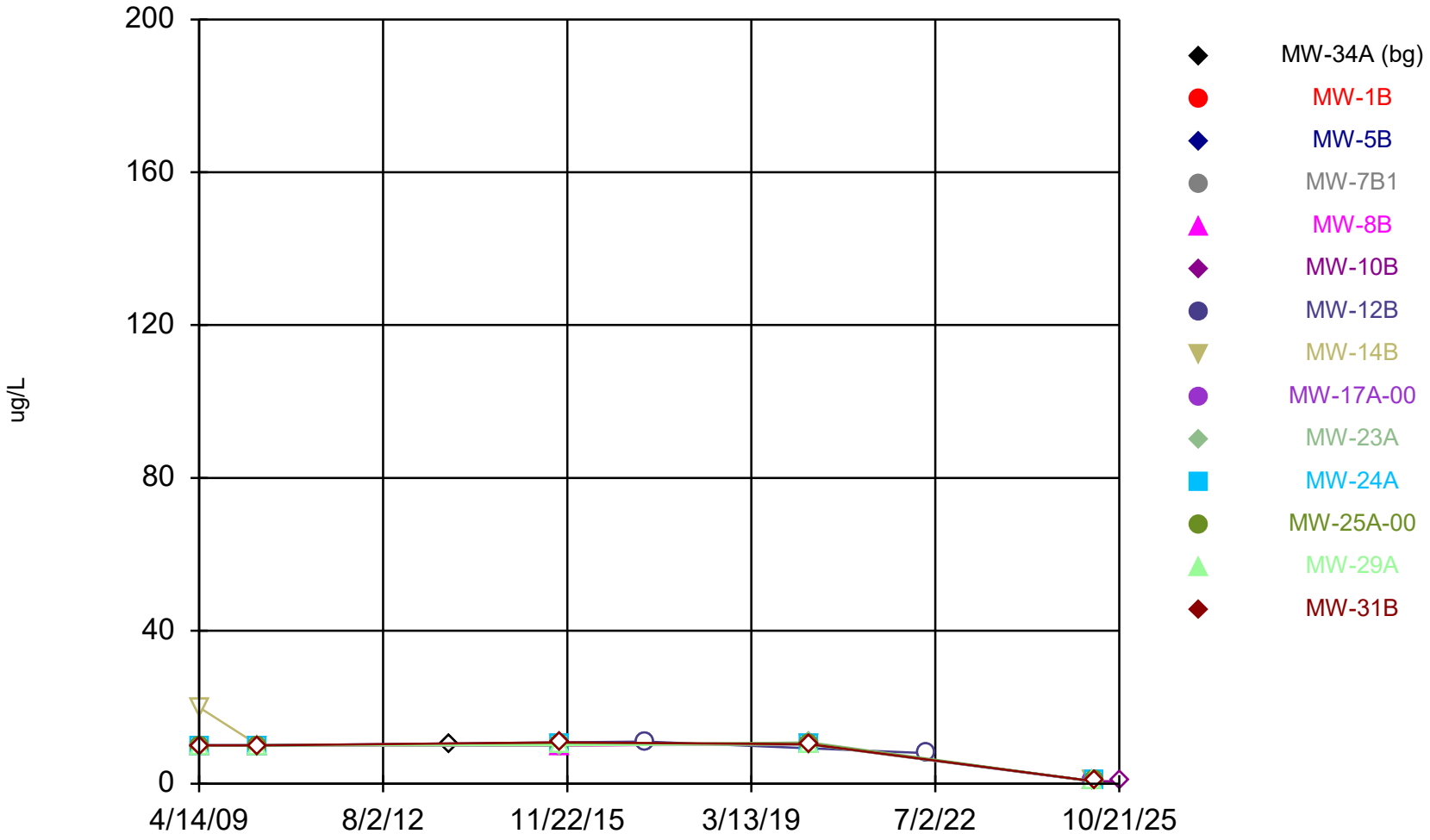


Constituent: 2-Butanone [MEK] Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

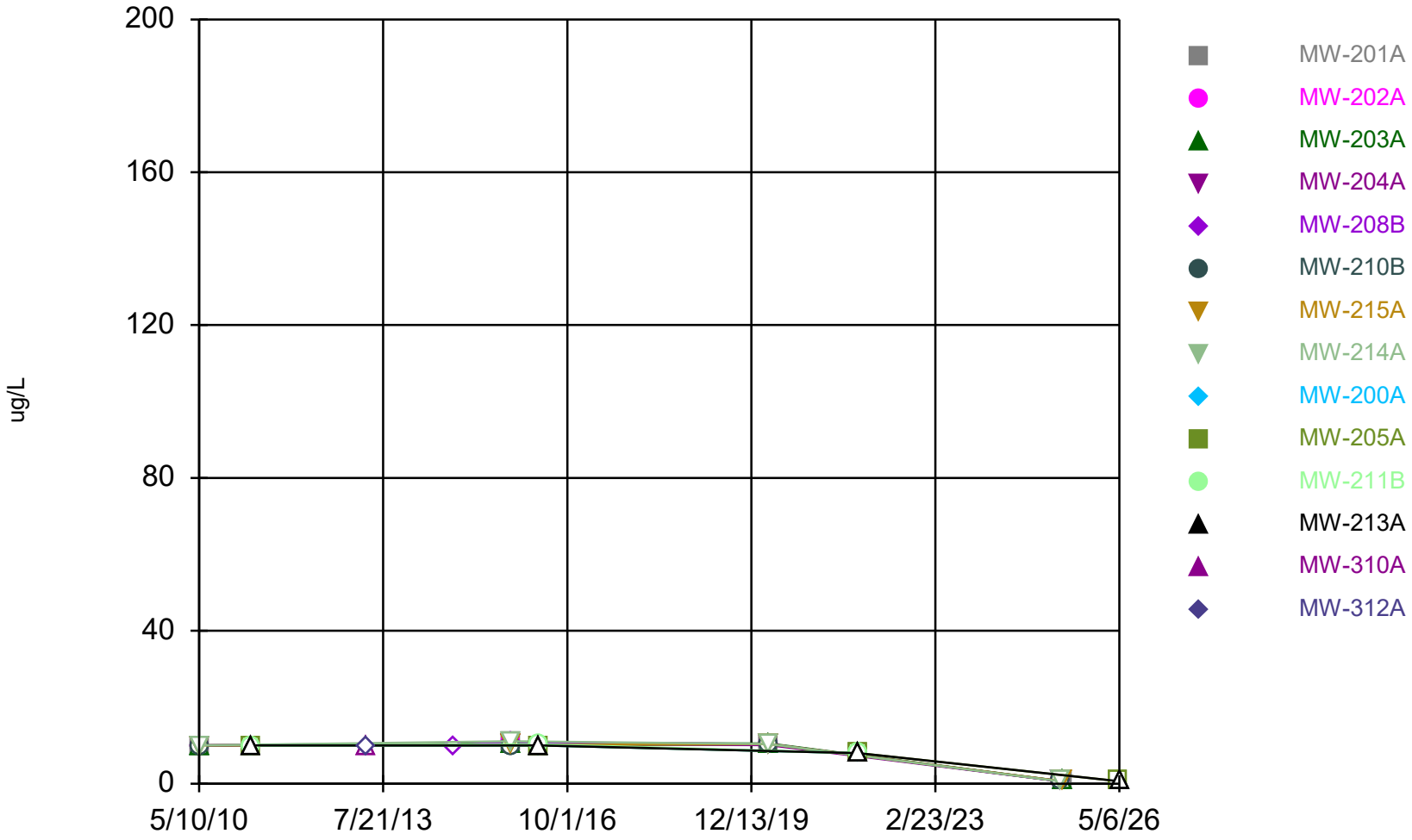


Constituent: 2-Methylnaphthalene Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

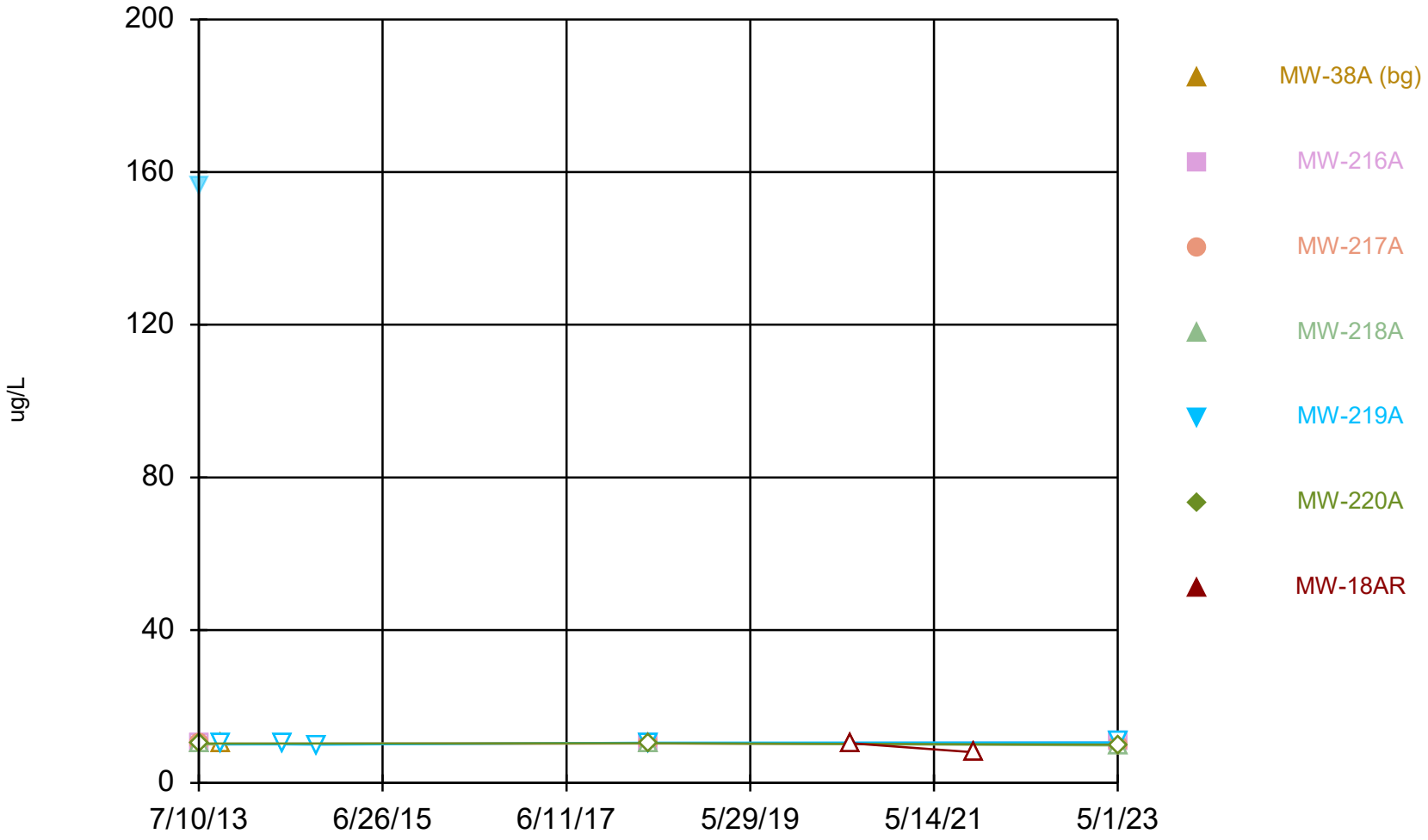


Constituent: 2-Methylnaphthalene Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

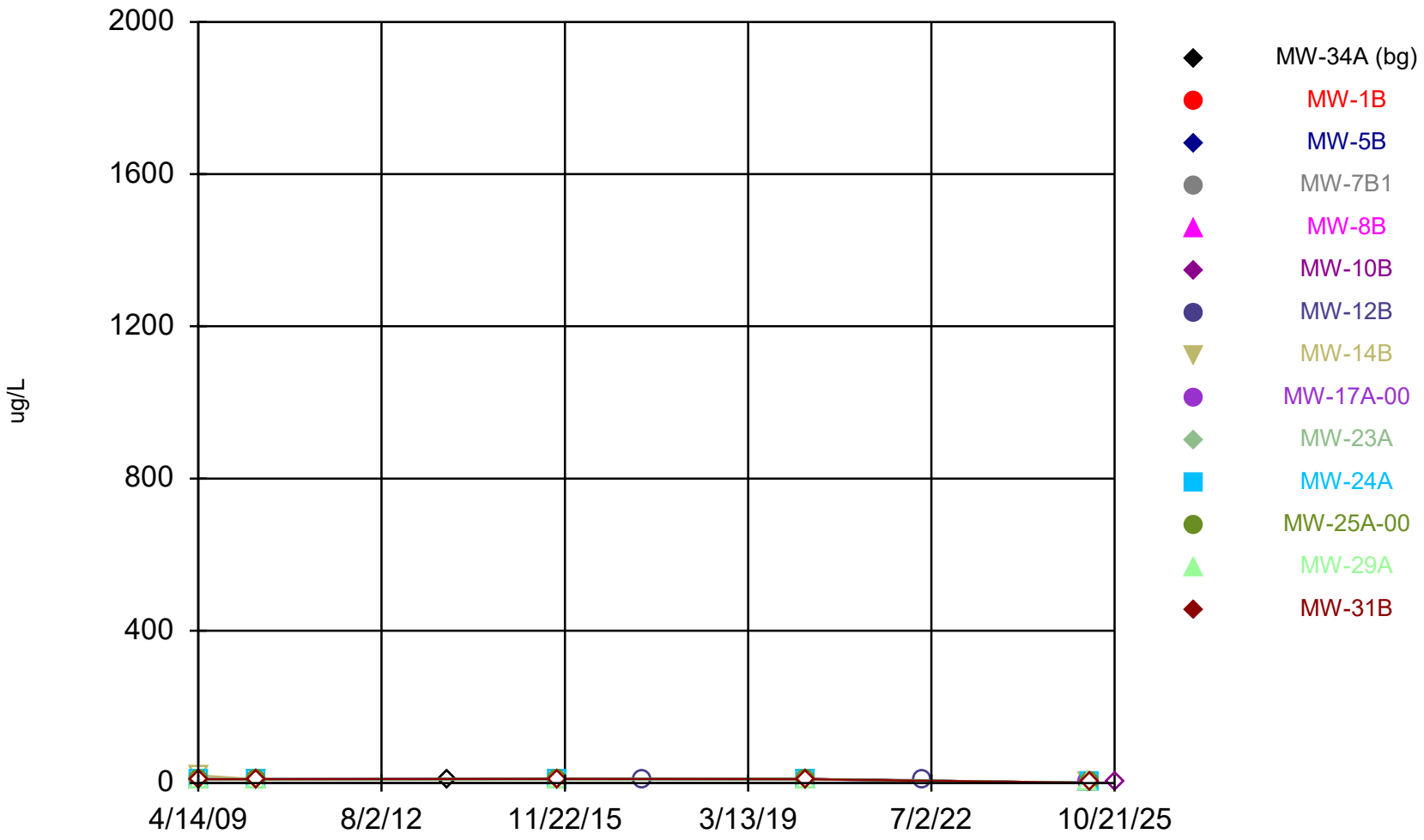


Constituent: 2-Methylnaphthalene Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

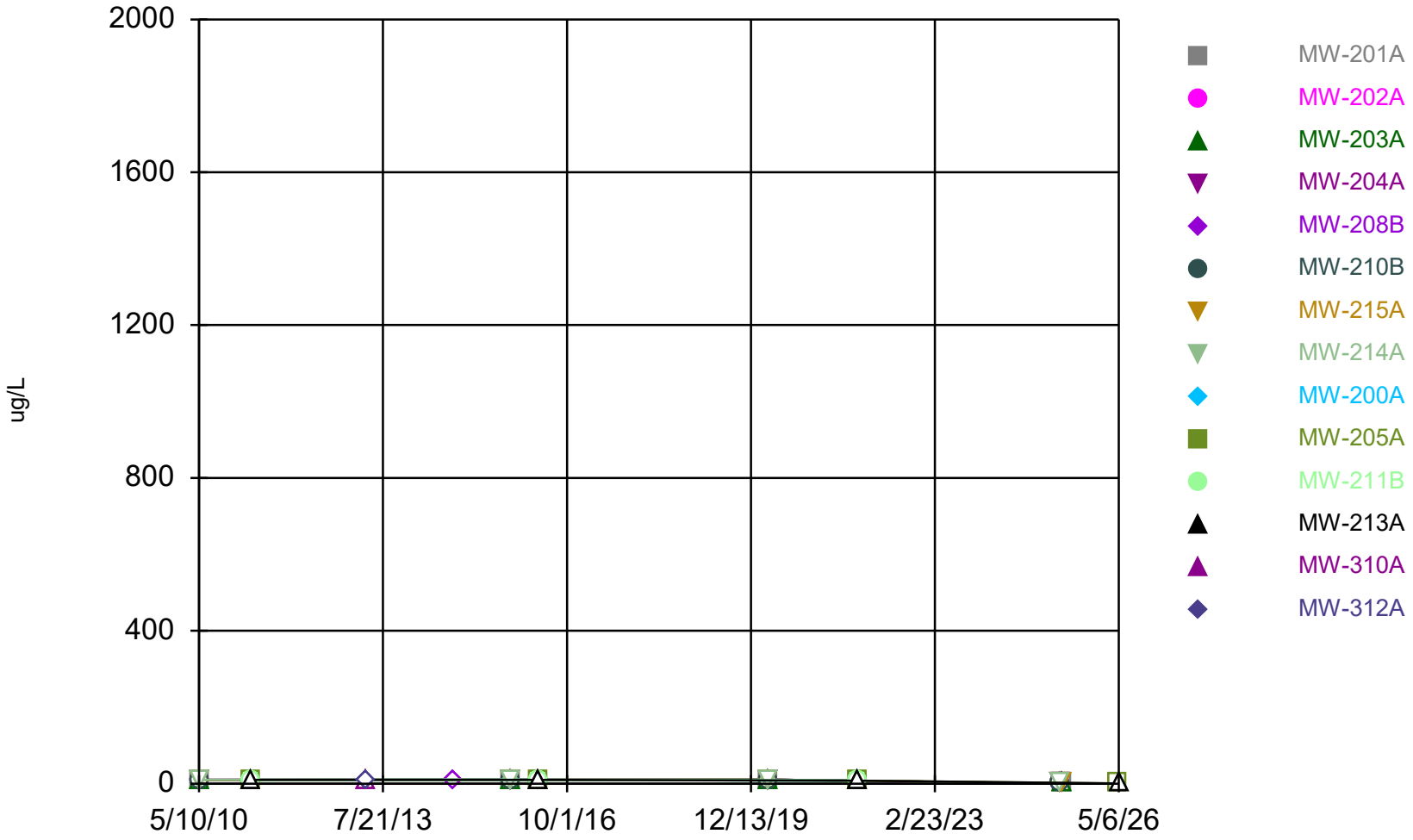


Constituent: 2-Methylphenol Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

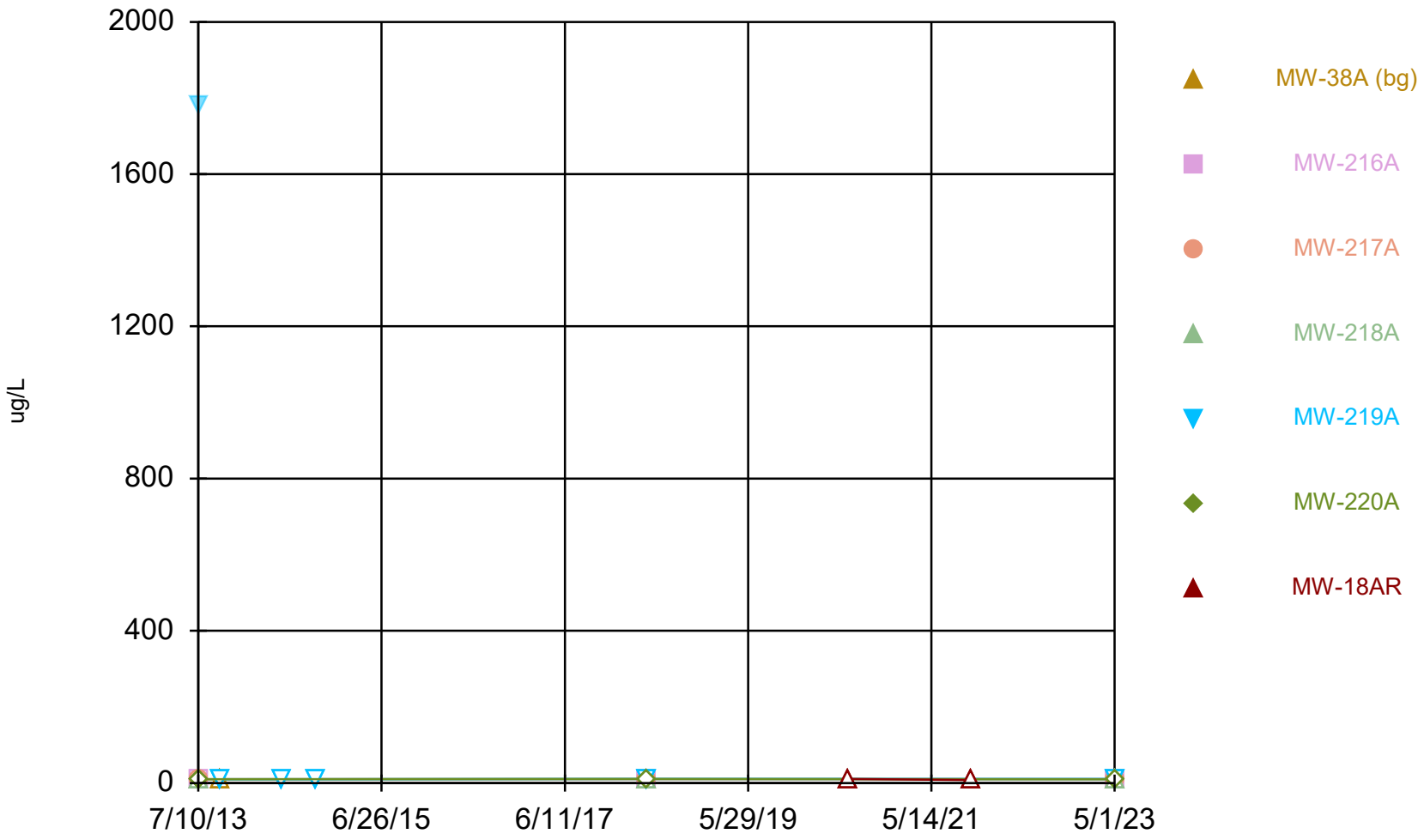


Constituent: 2-Methylphenol Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

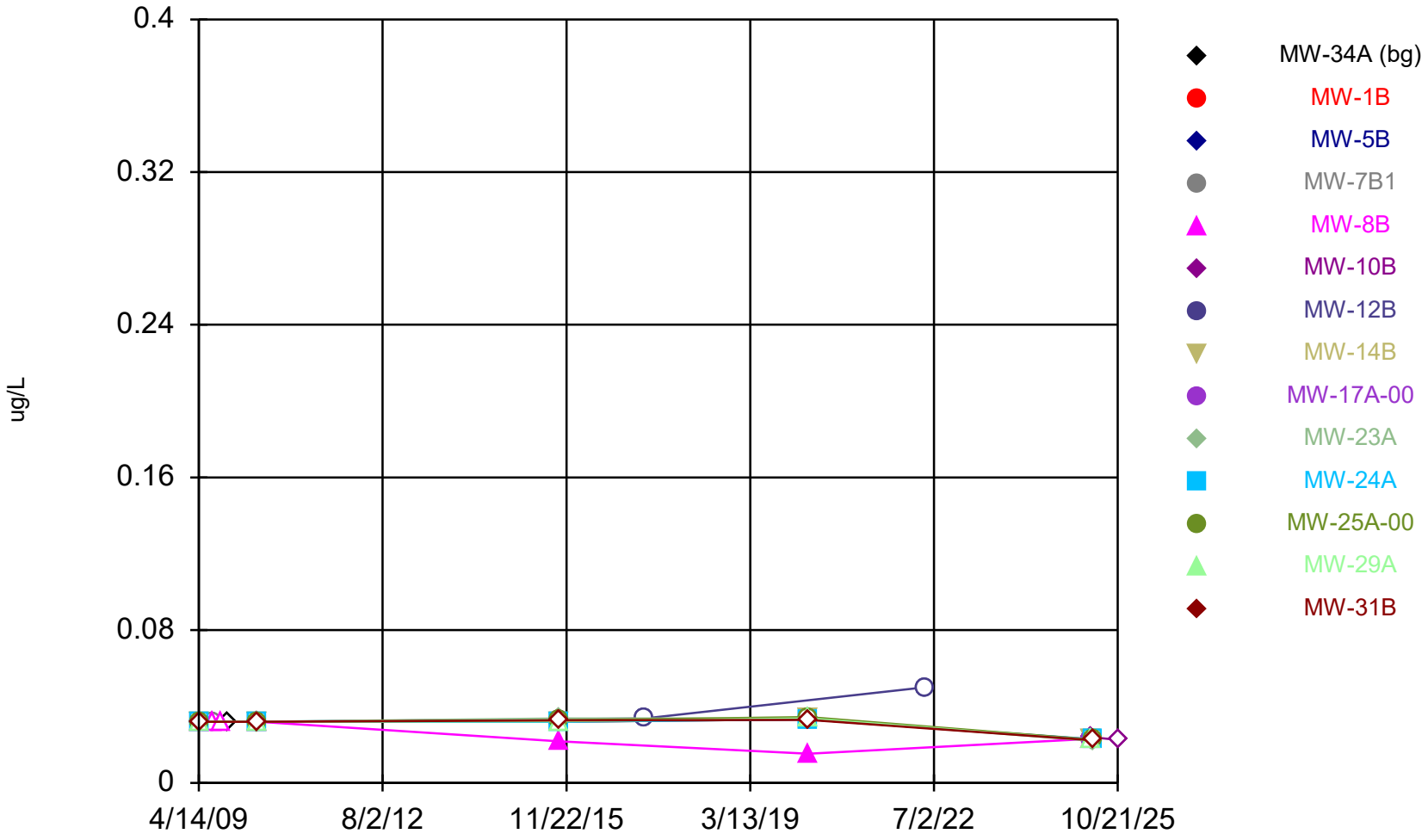


Constituent: 2-Methylphenol Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

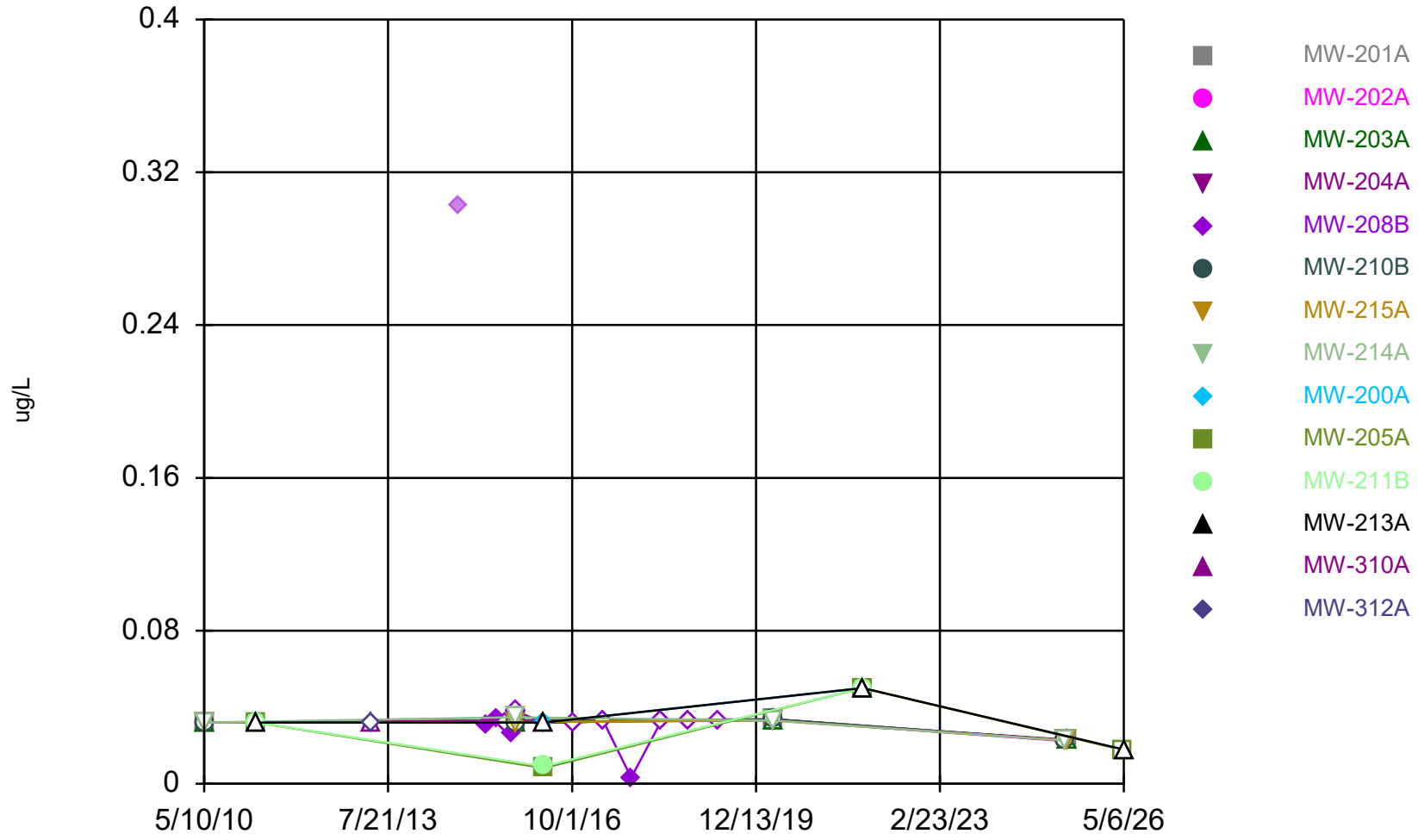


Constituent: 4,4`-DDD Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

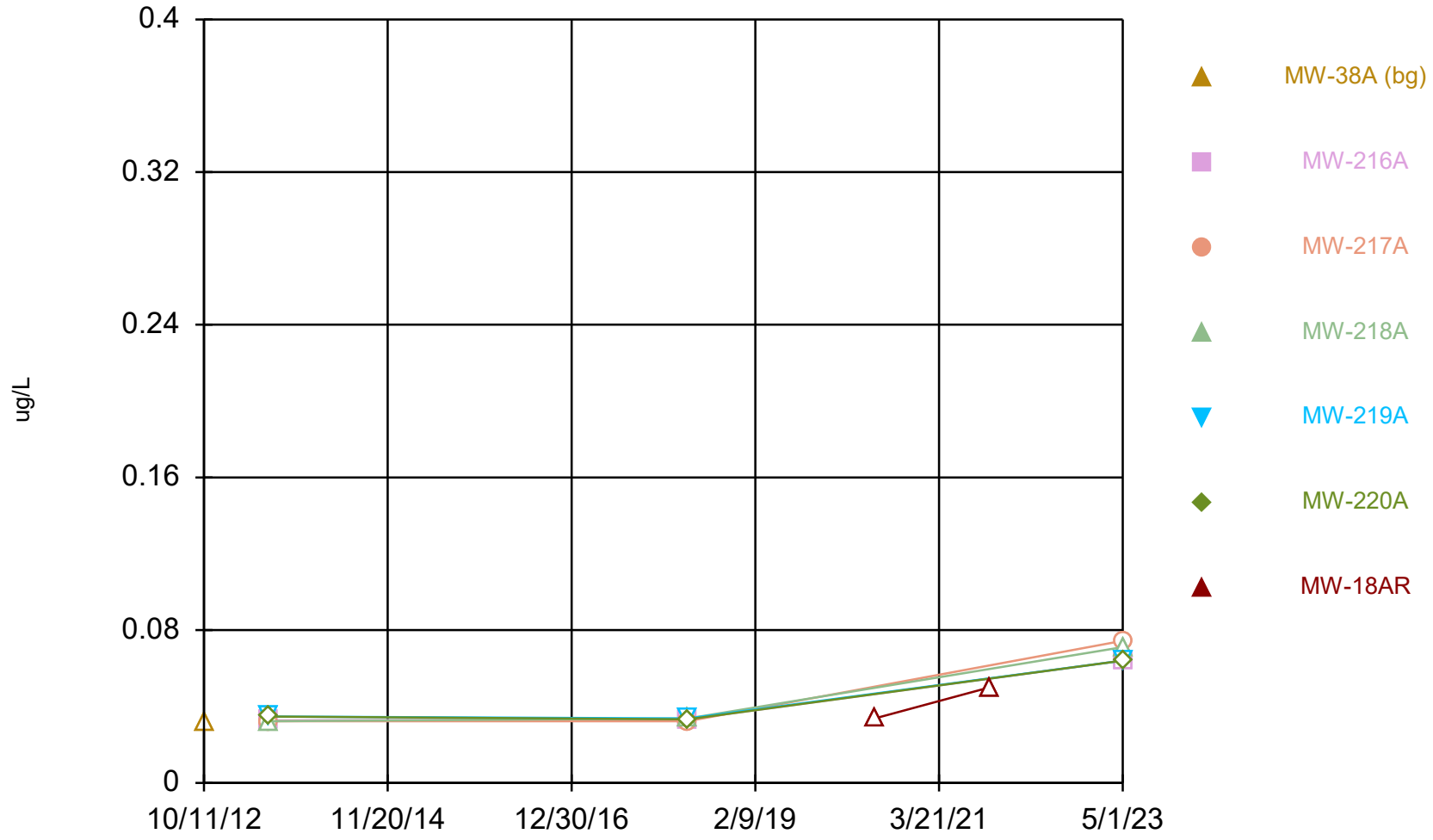


Constituent: 4,4`-DDD Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: 4,4`-DDD Analysis Run 7/8/2026 8:57 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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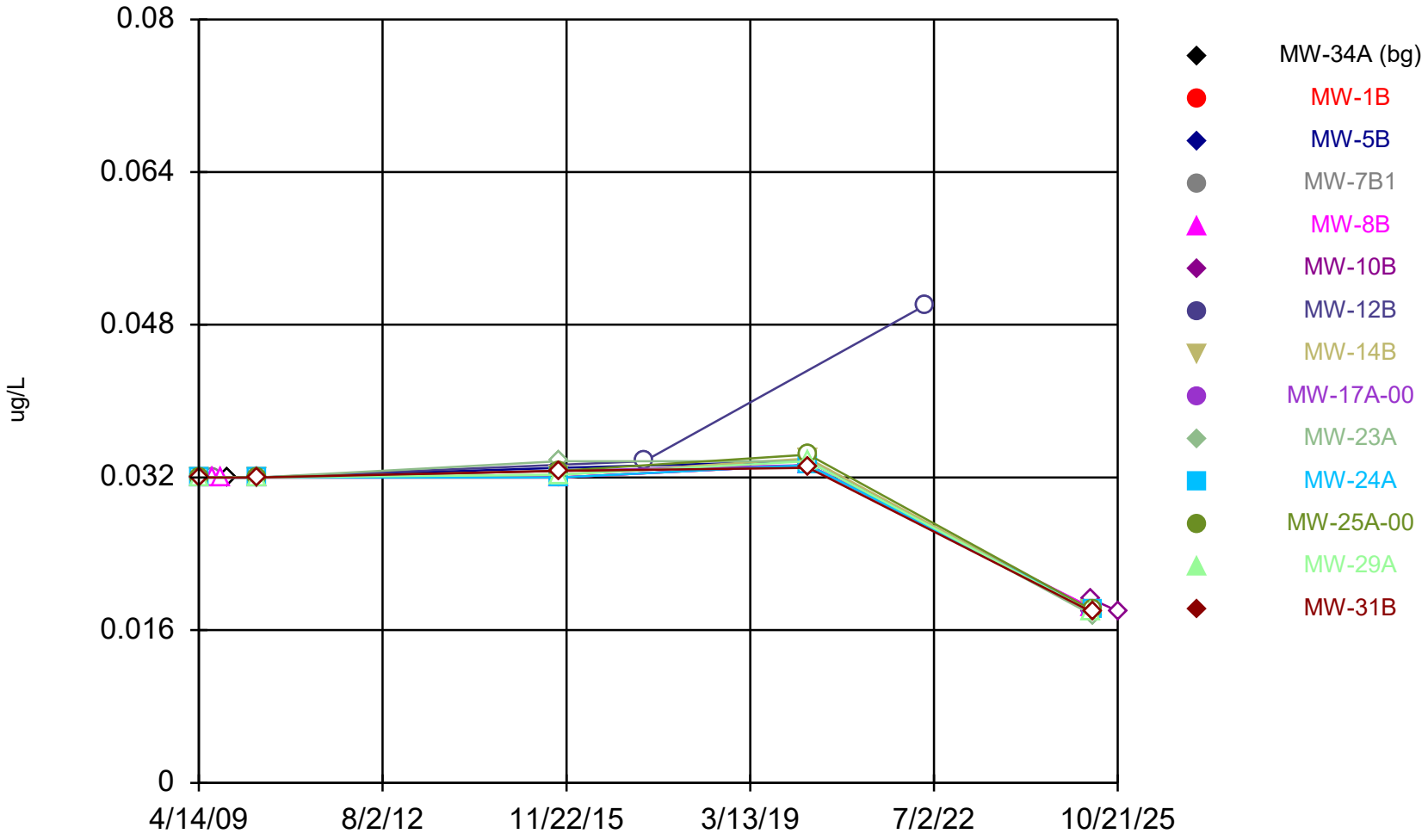
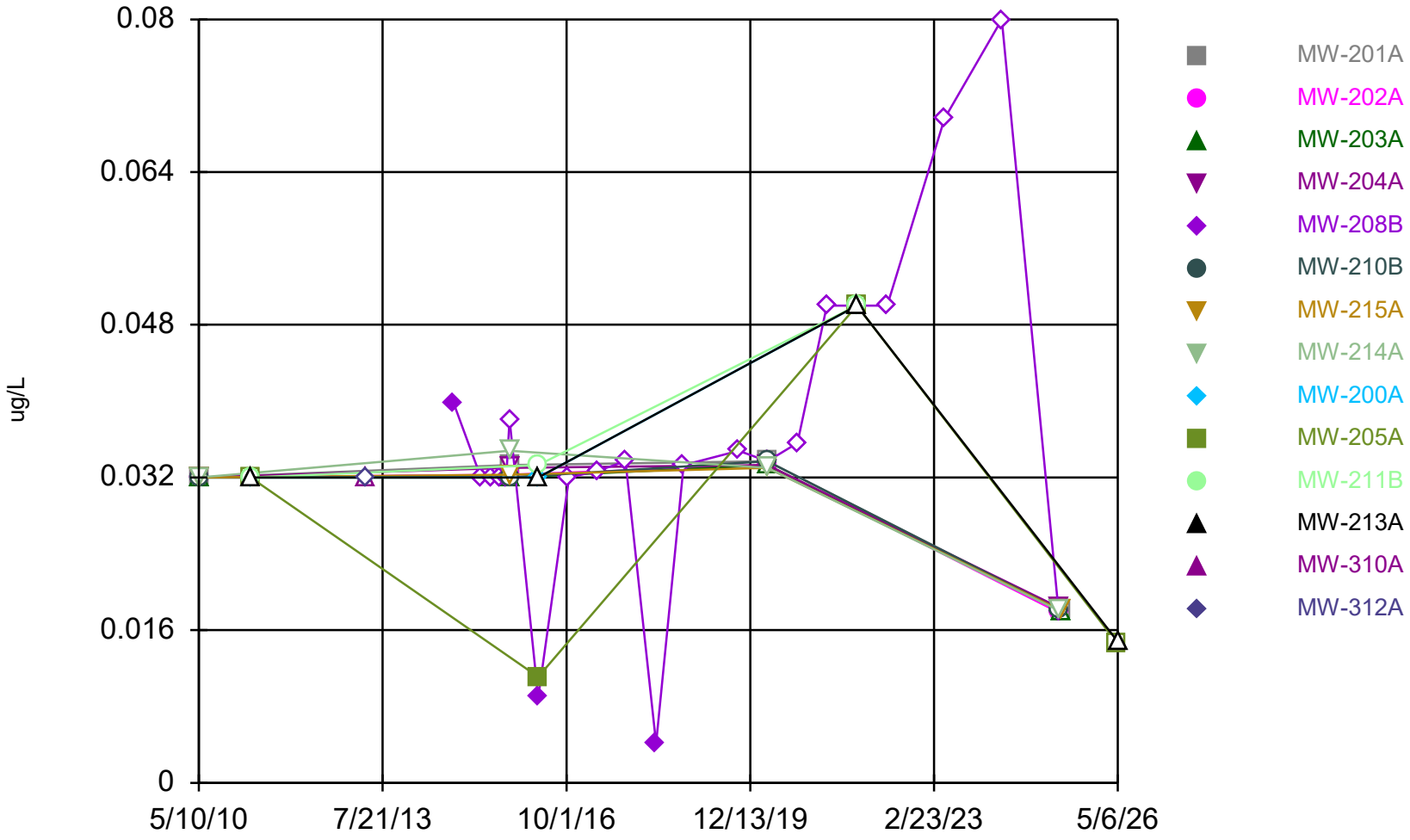


Constituent: 4,4`-DDT Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

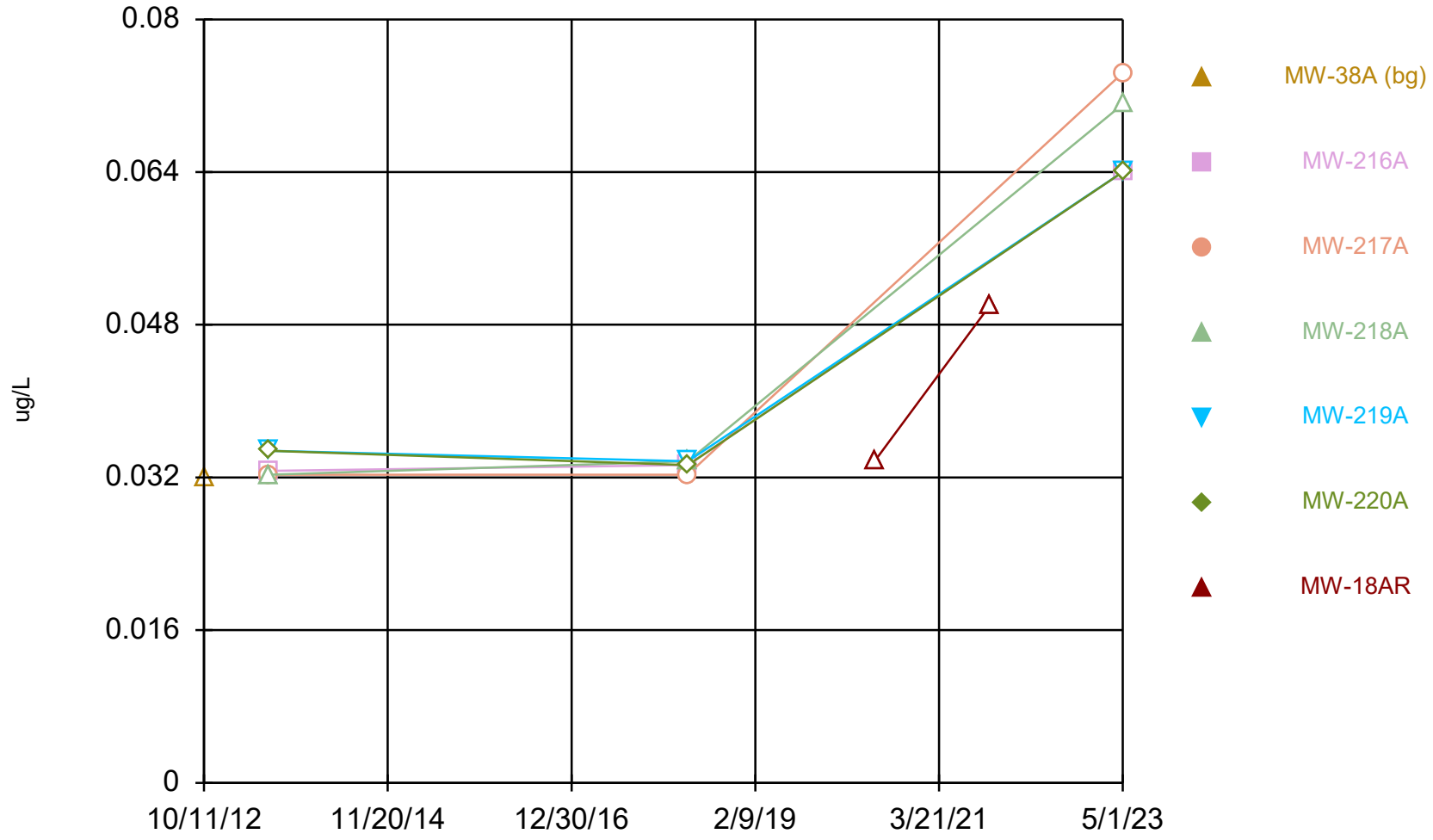


Constituent: 4,4`-DDT Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

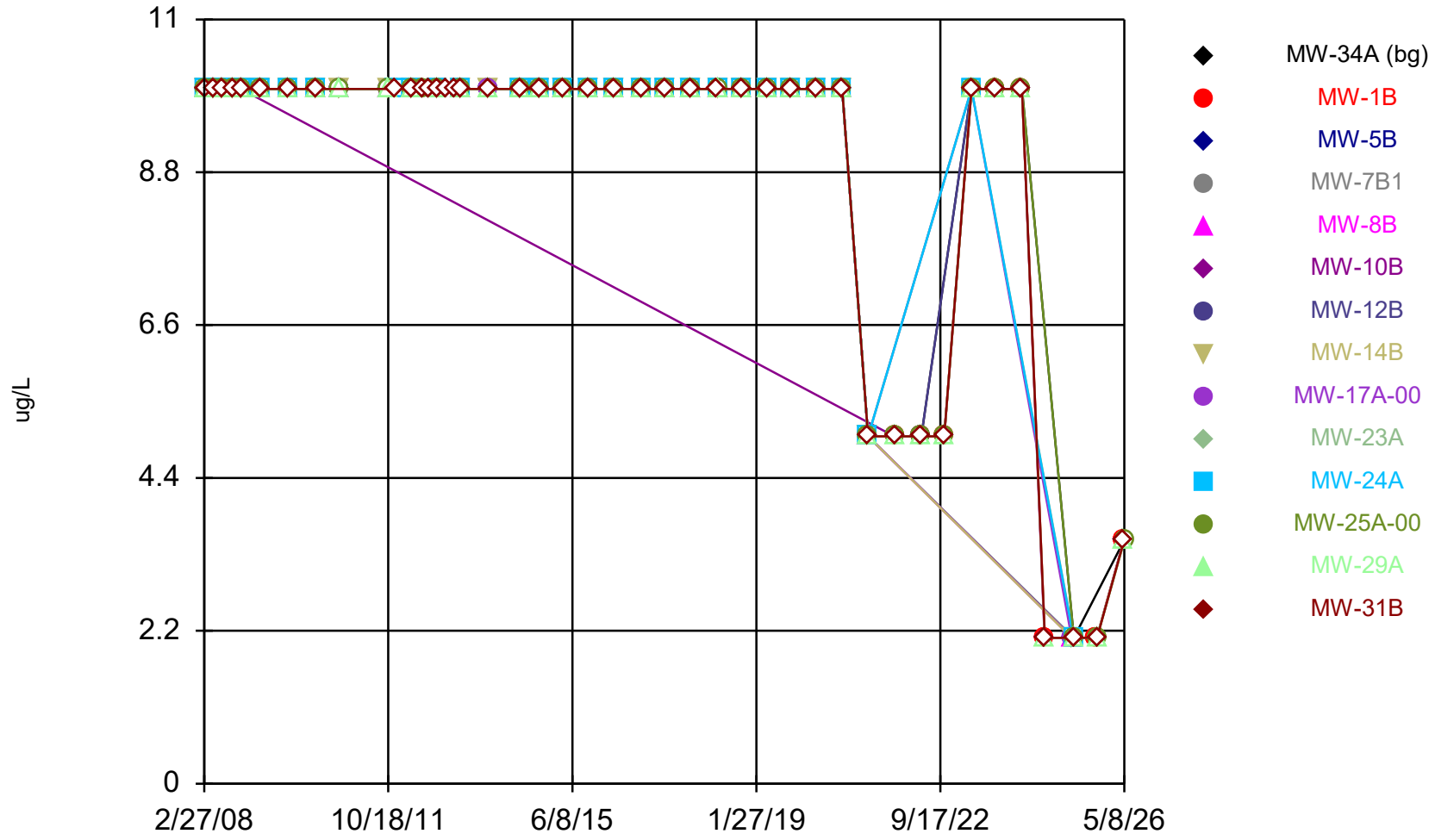


Constituent: 4,4`-DDT Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

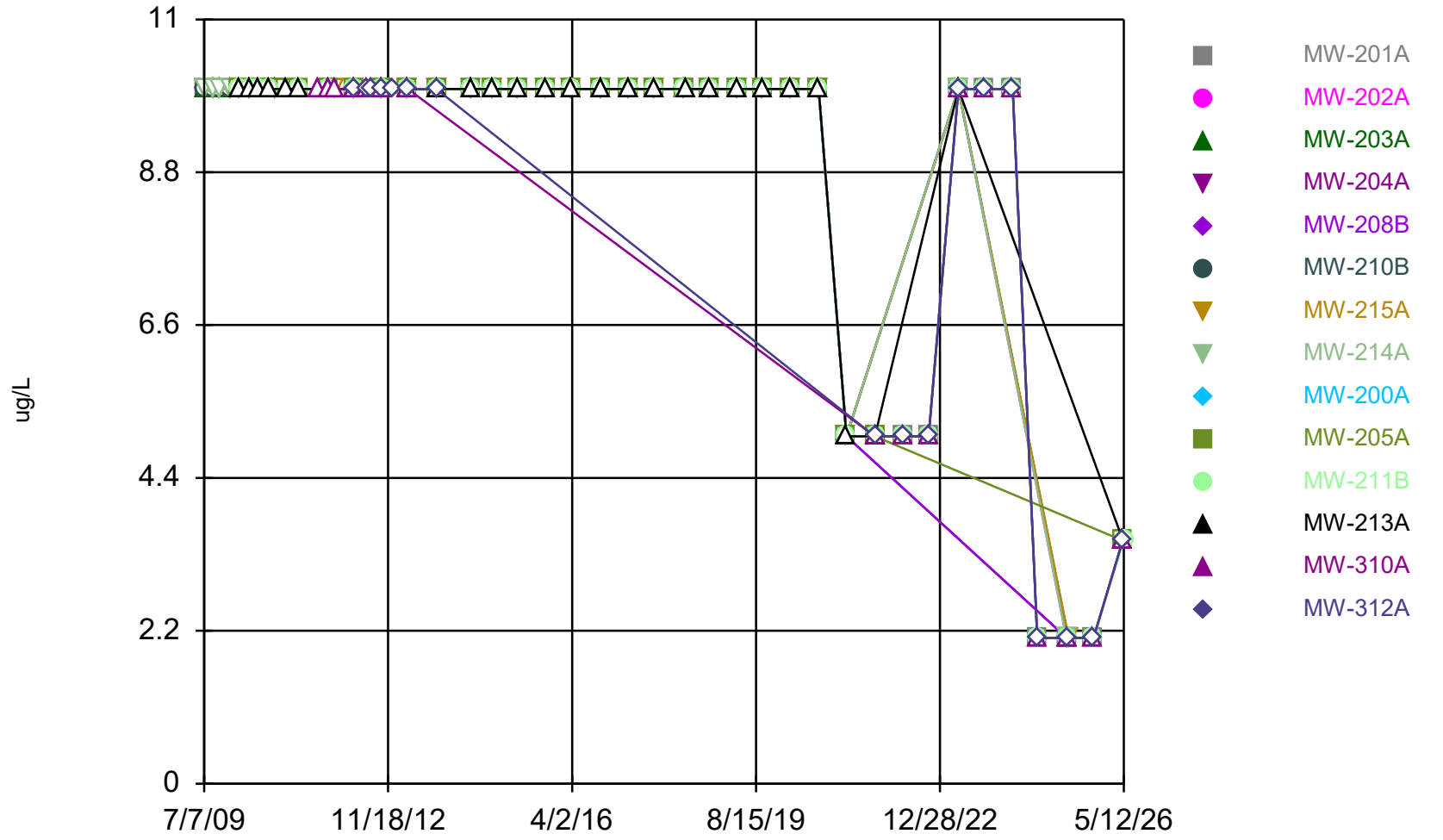


Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

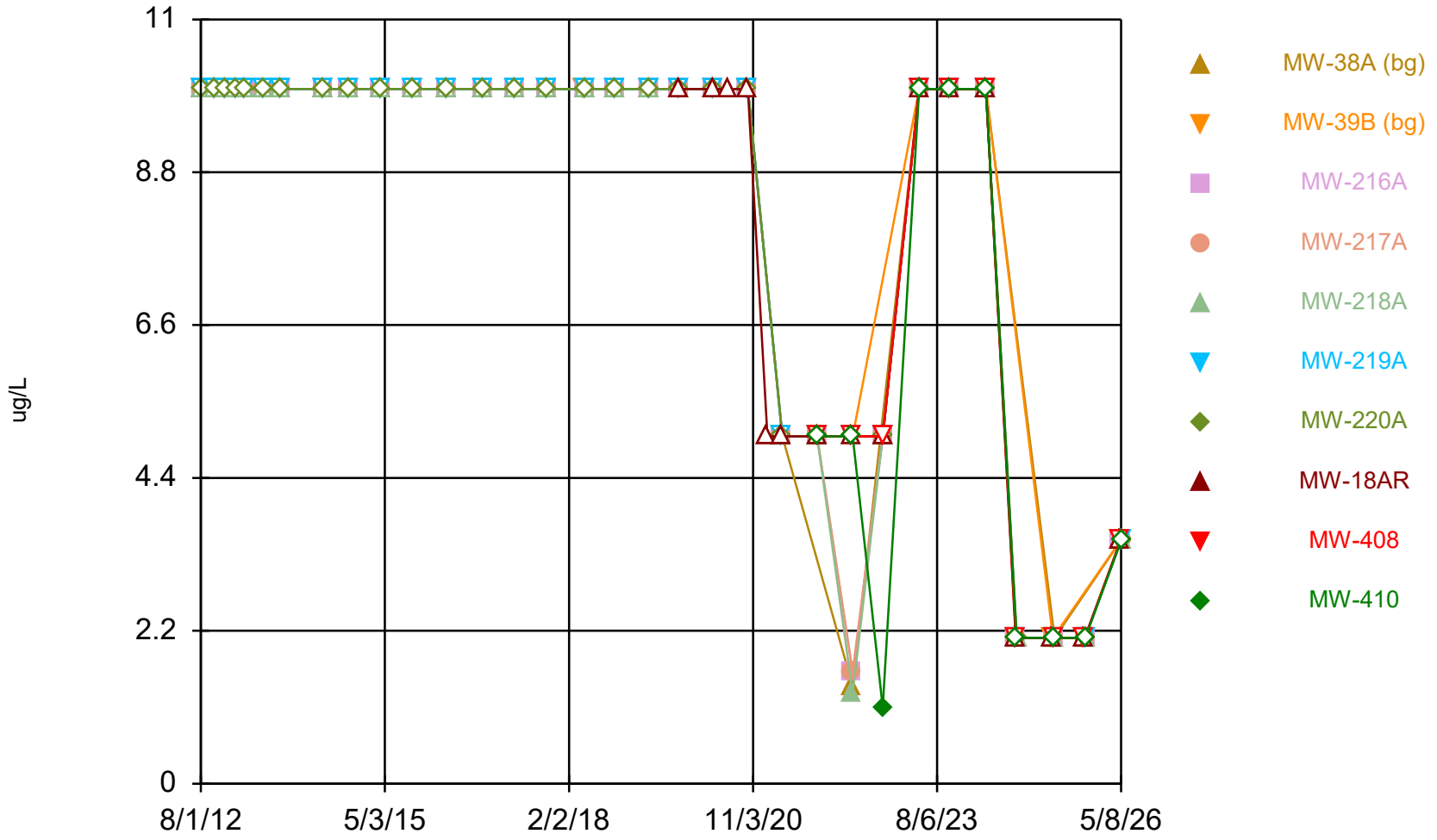


Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

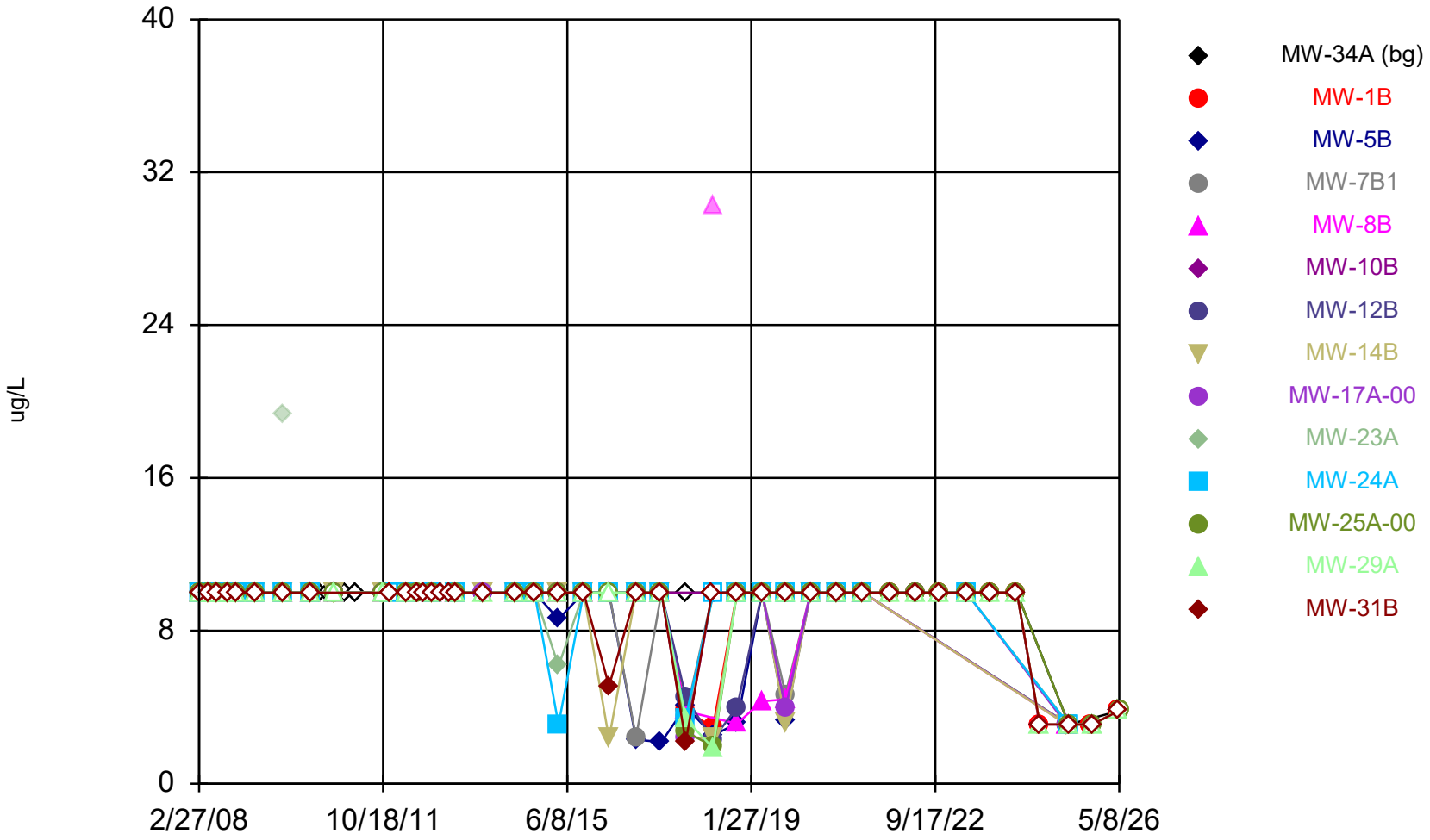


Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

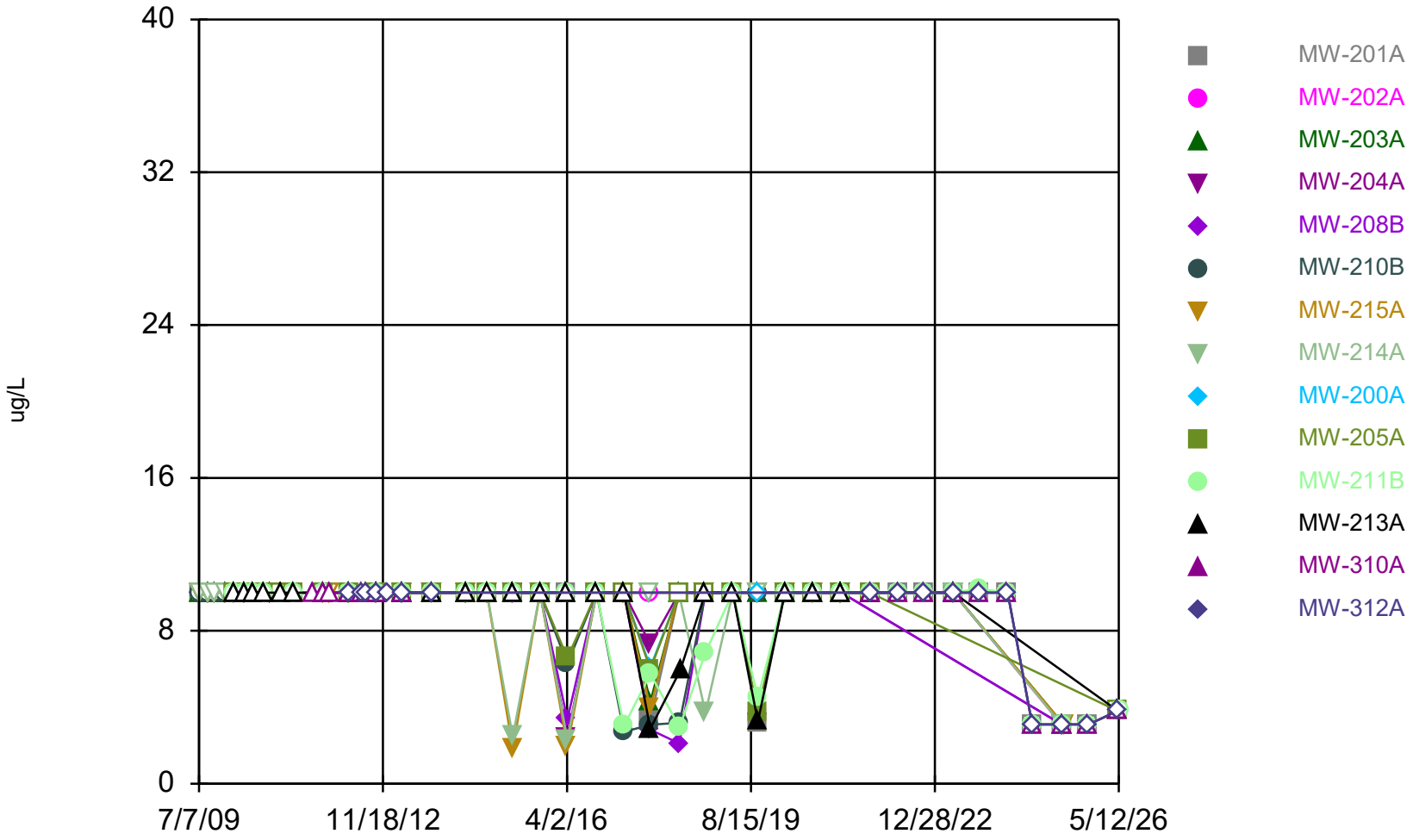


Constituent: Acetone Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

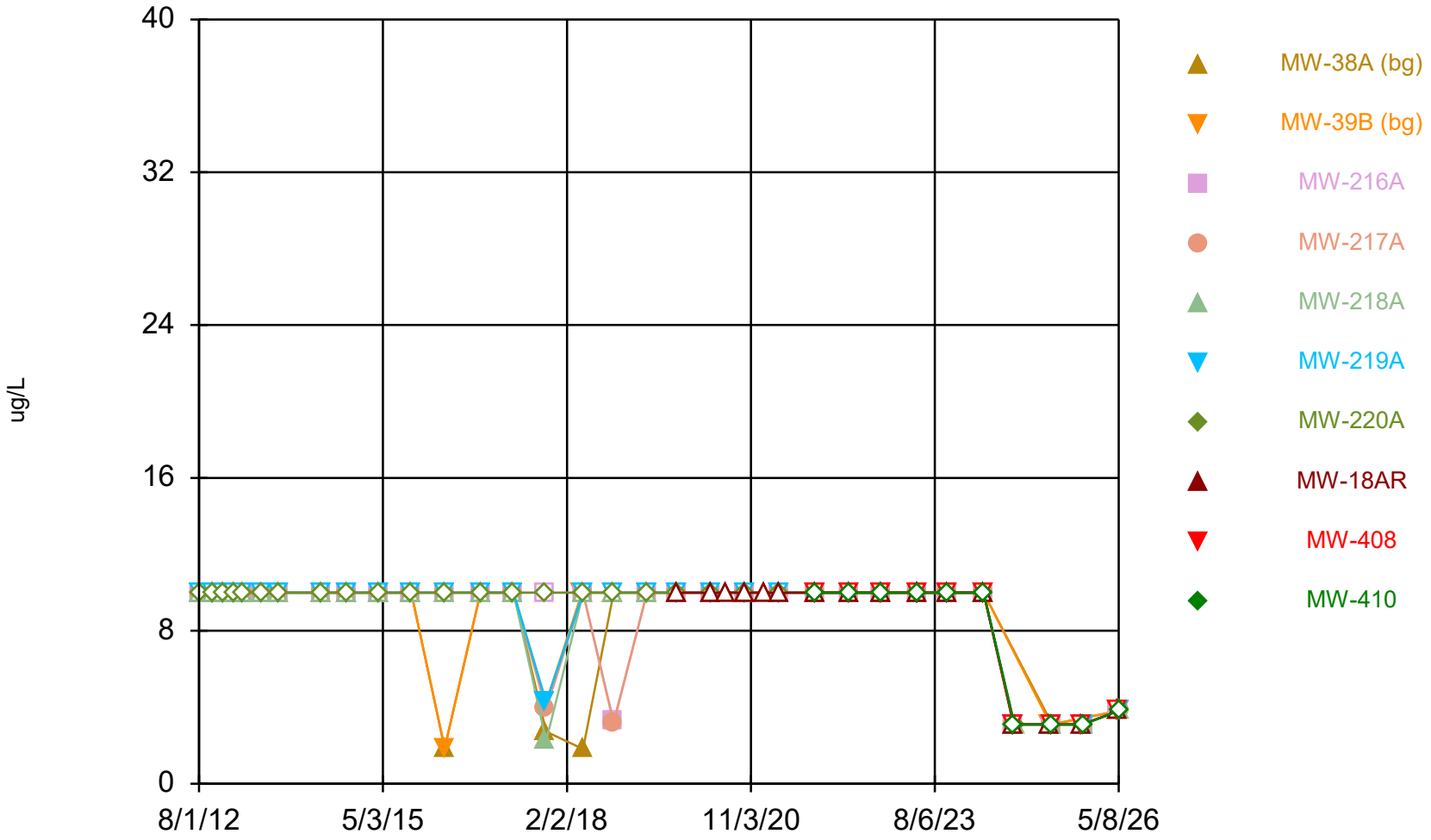


Constituent: Acetone Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Acetone Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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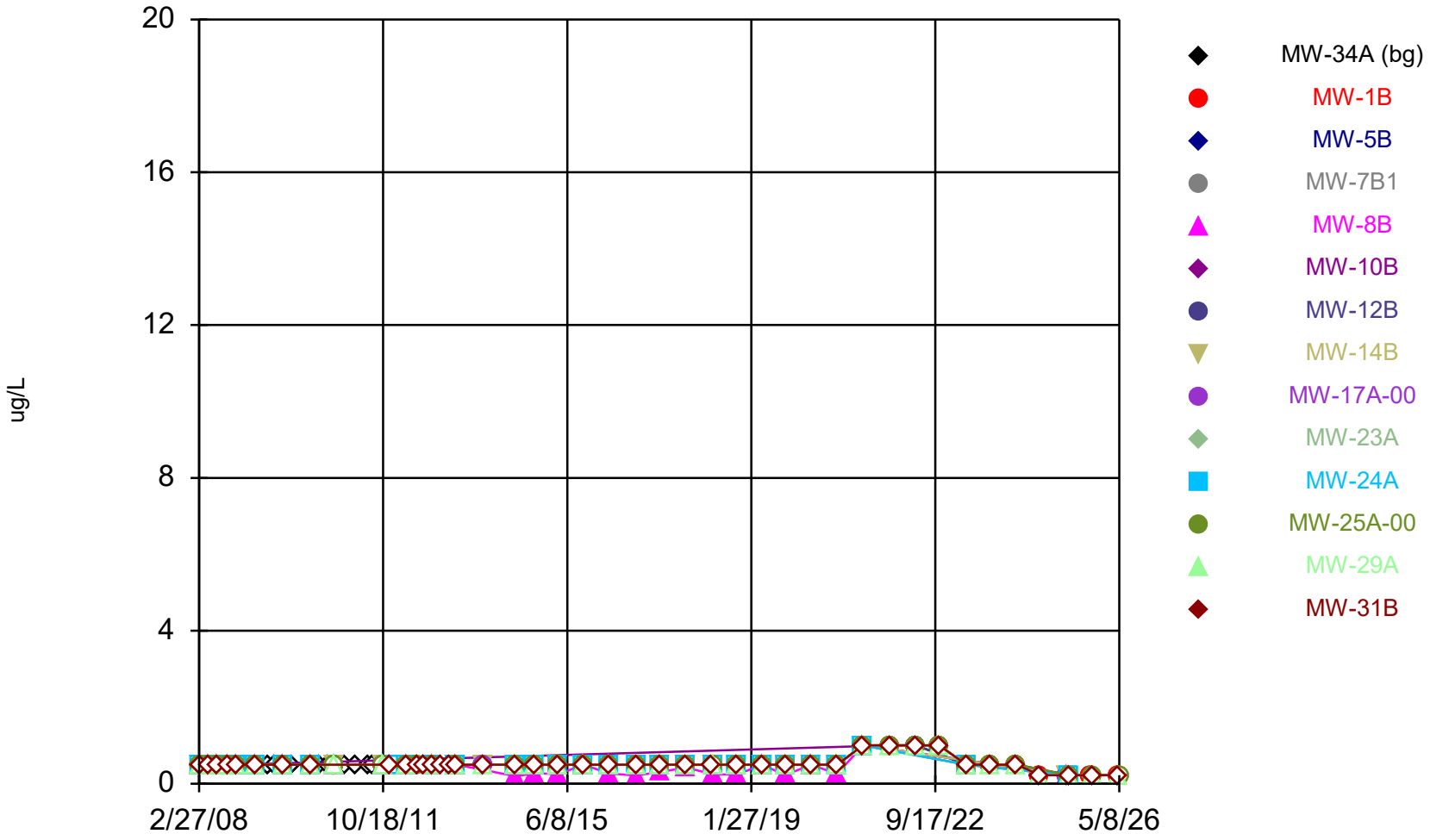
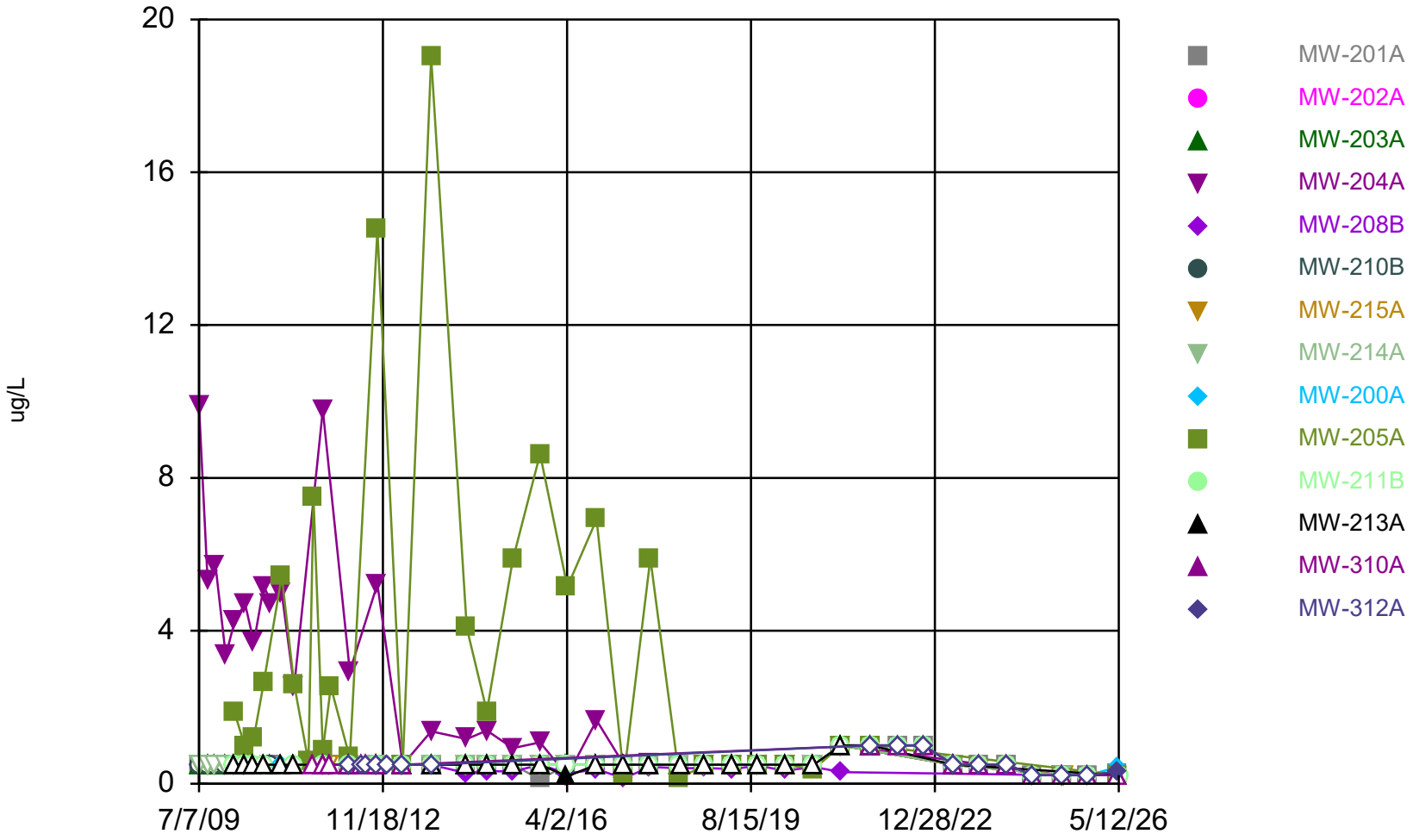


Constituent: Benzene Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Benzene Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
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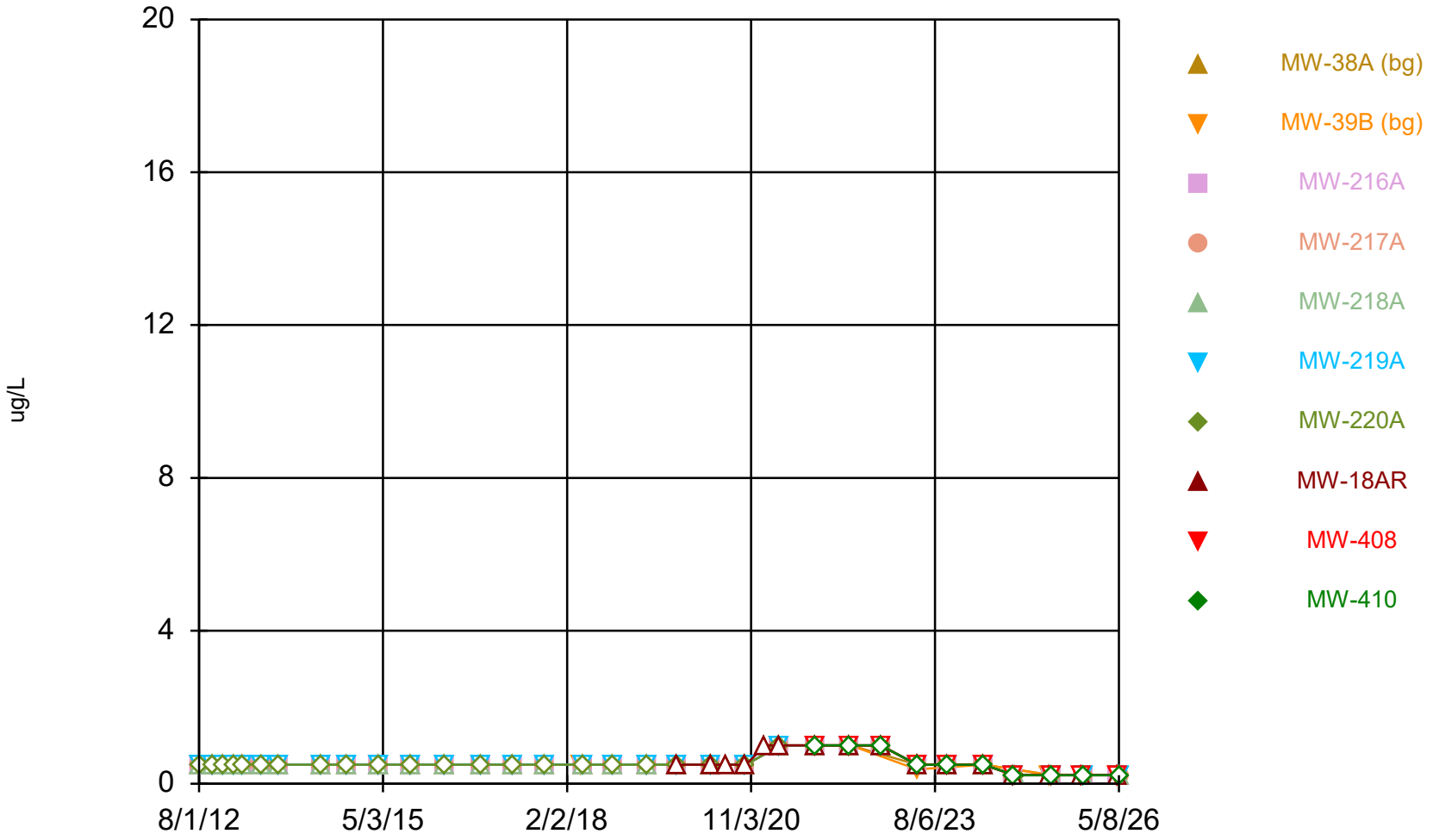
Time Series

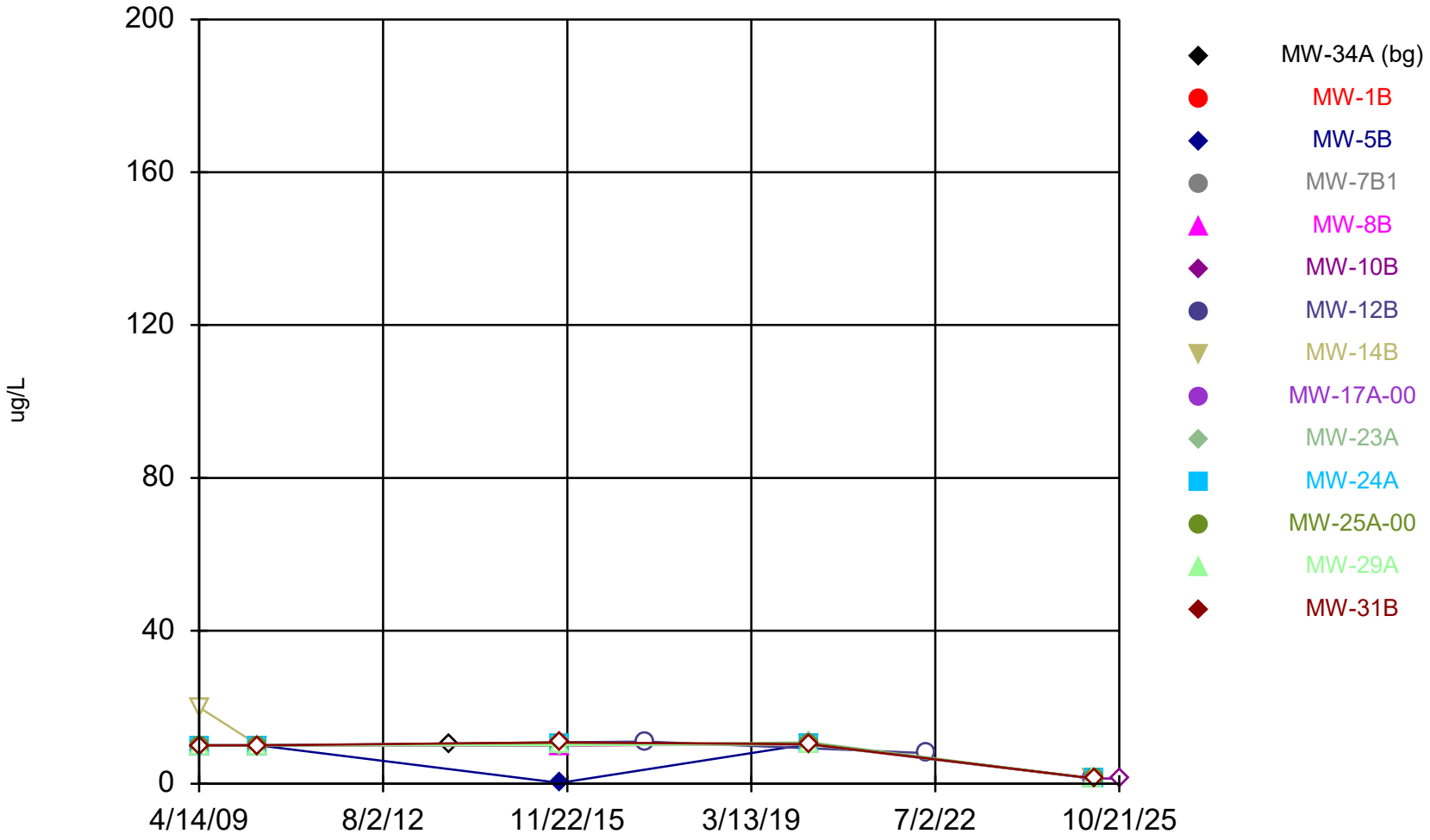


Constituent: Benzene Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

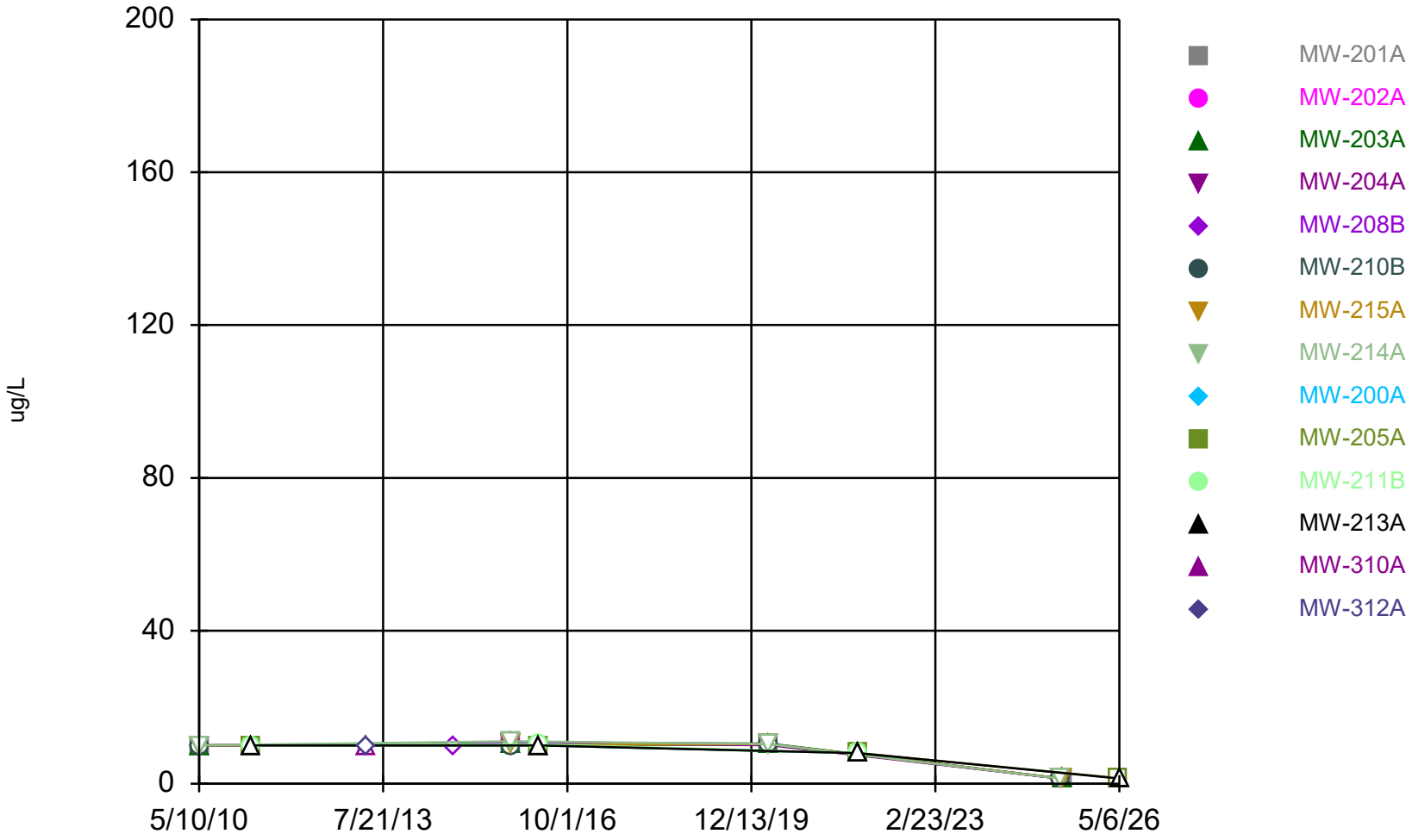


Constituent: Benzyl alcohol Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

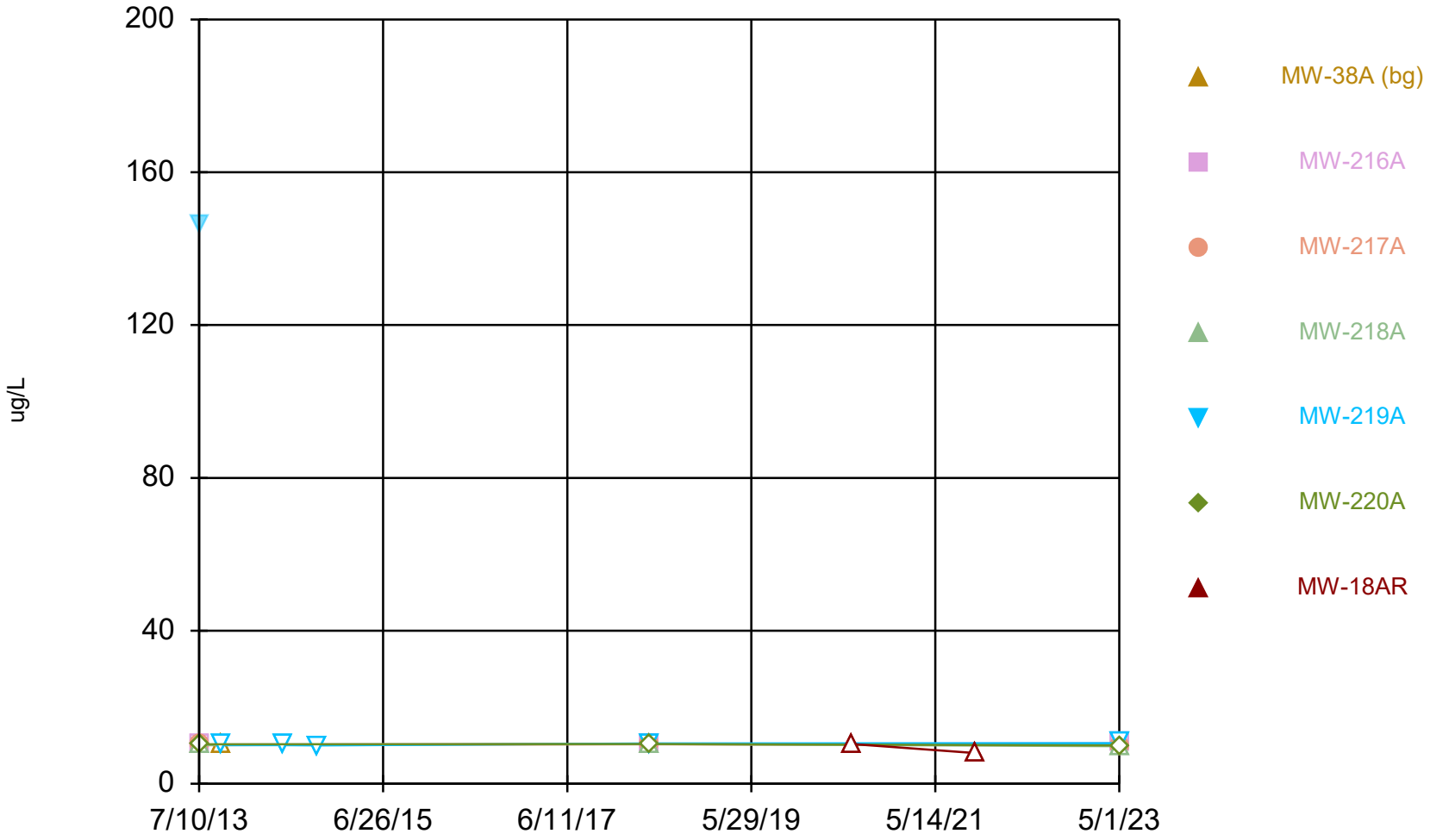


Constituent: Benzyl alcohol Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

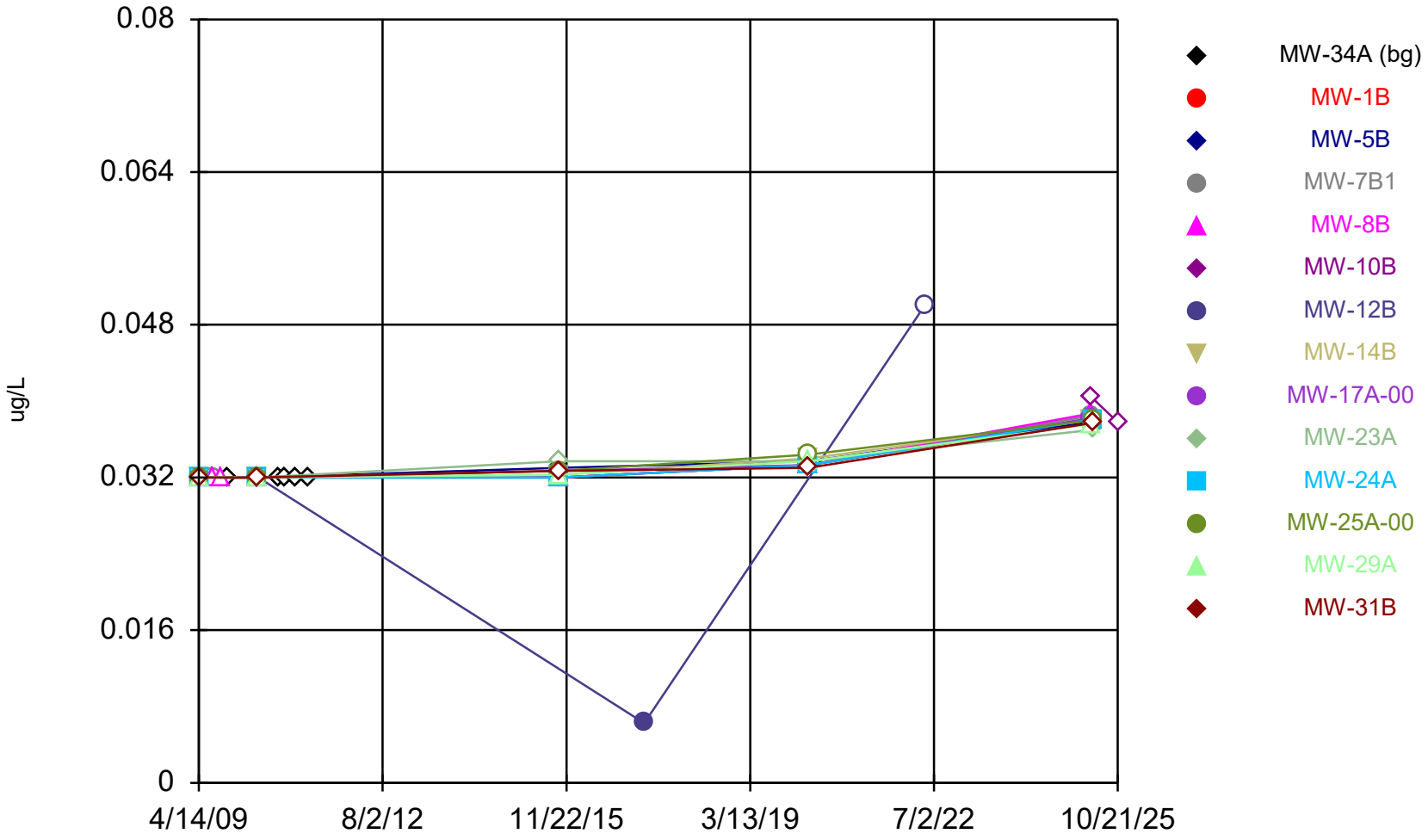


Constituent: Benzyl alcohol Analysis Run 7/8/2026 8:58 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

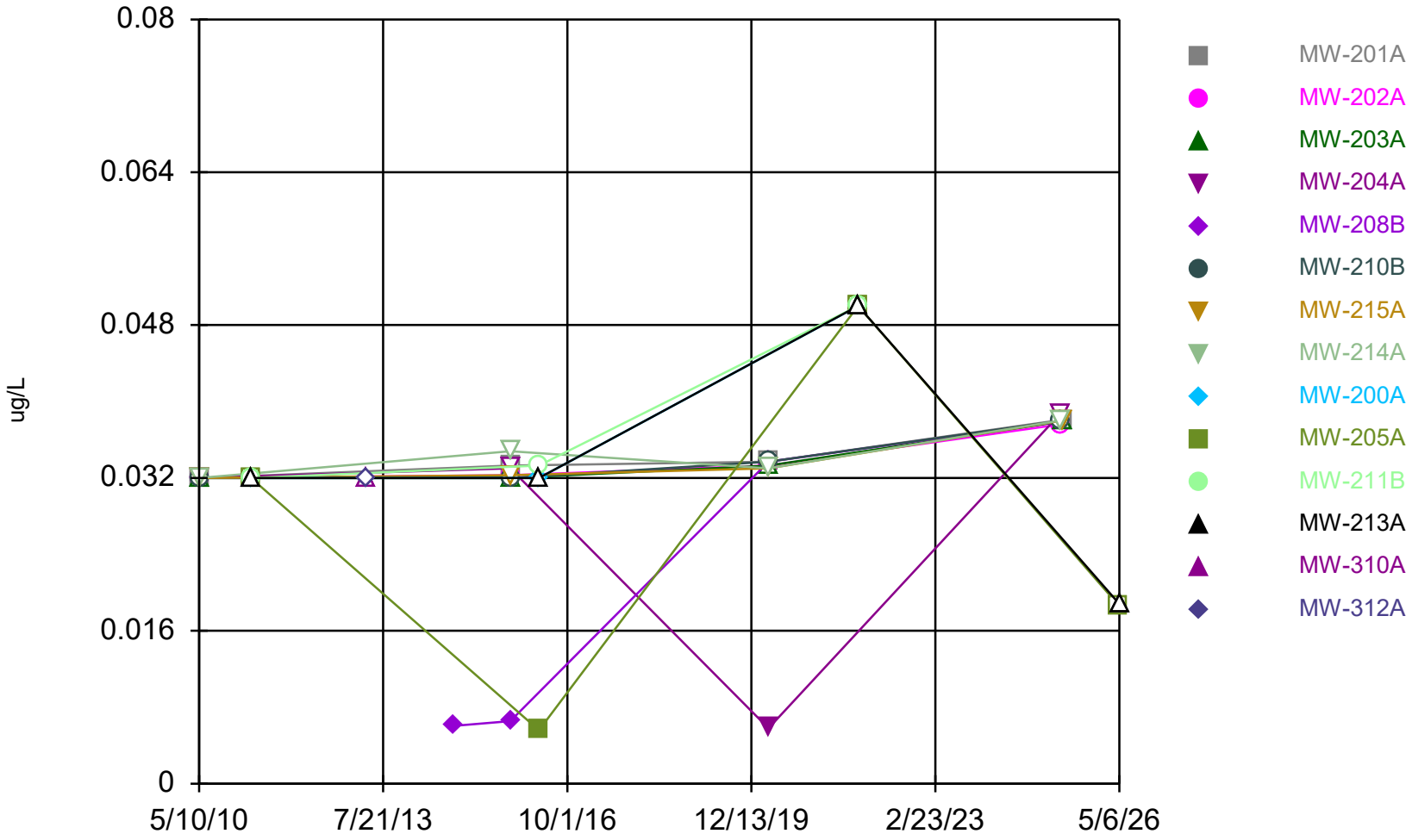


Constituent: Beta-BHC Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

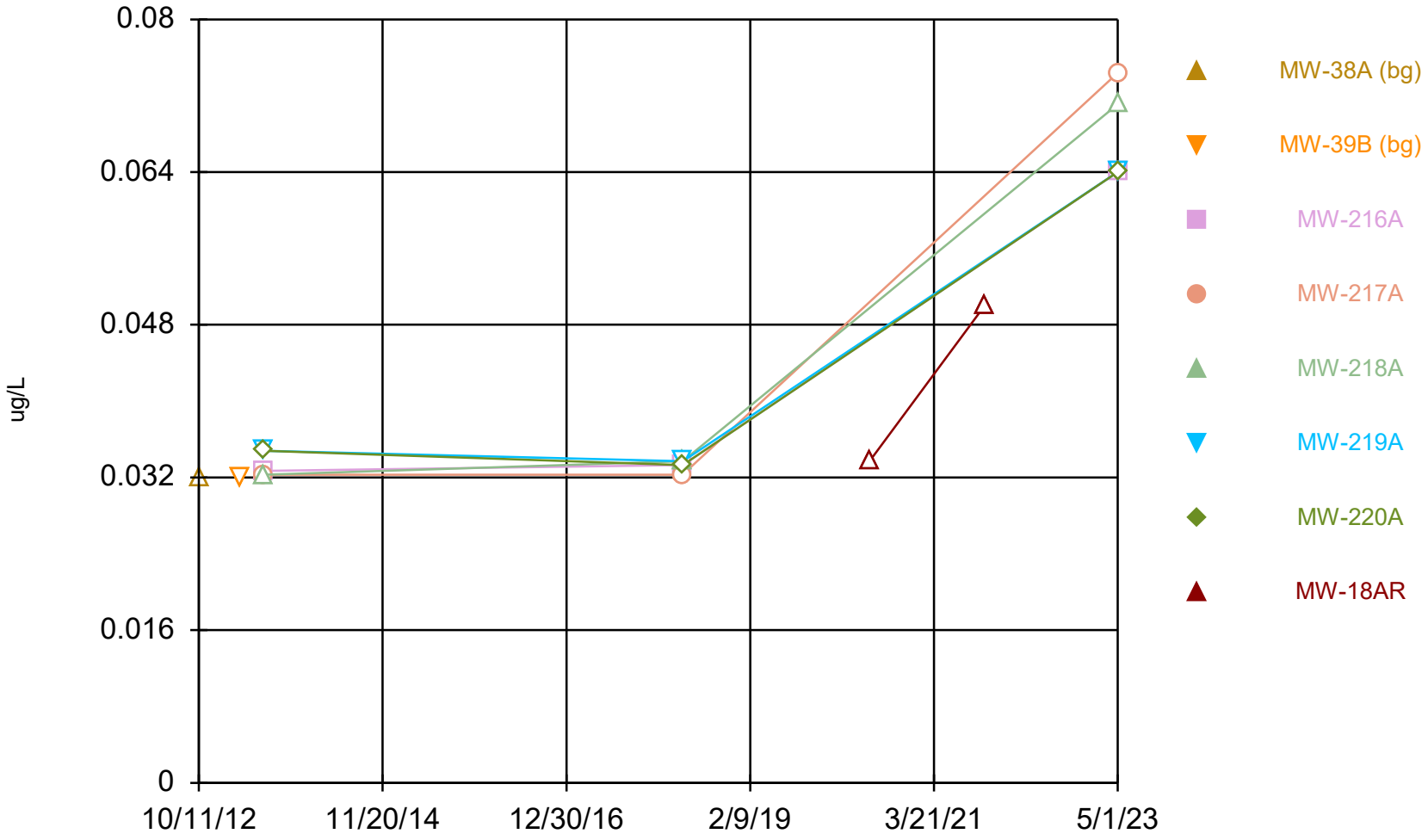


Constituent: Beta-BHC Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

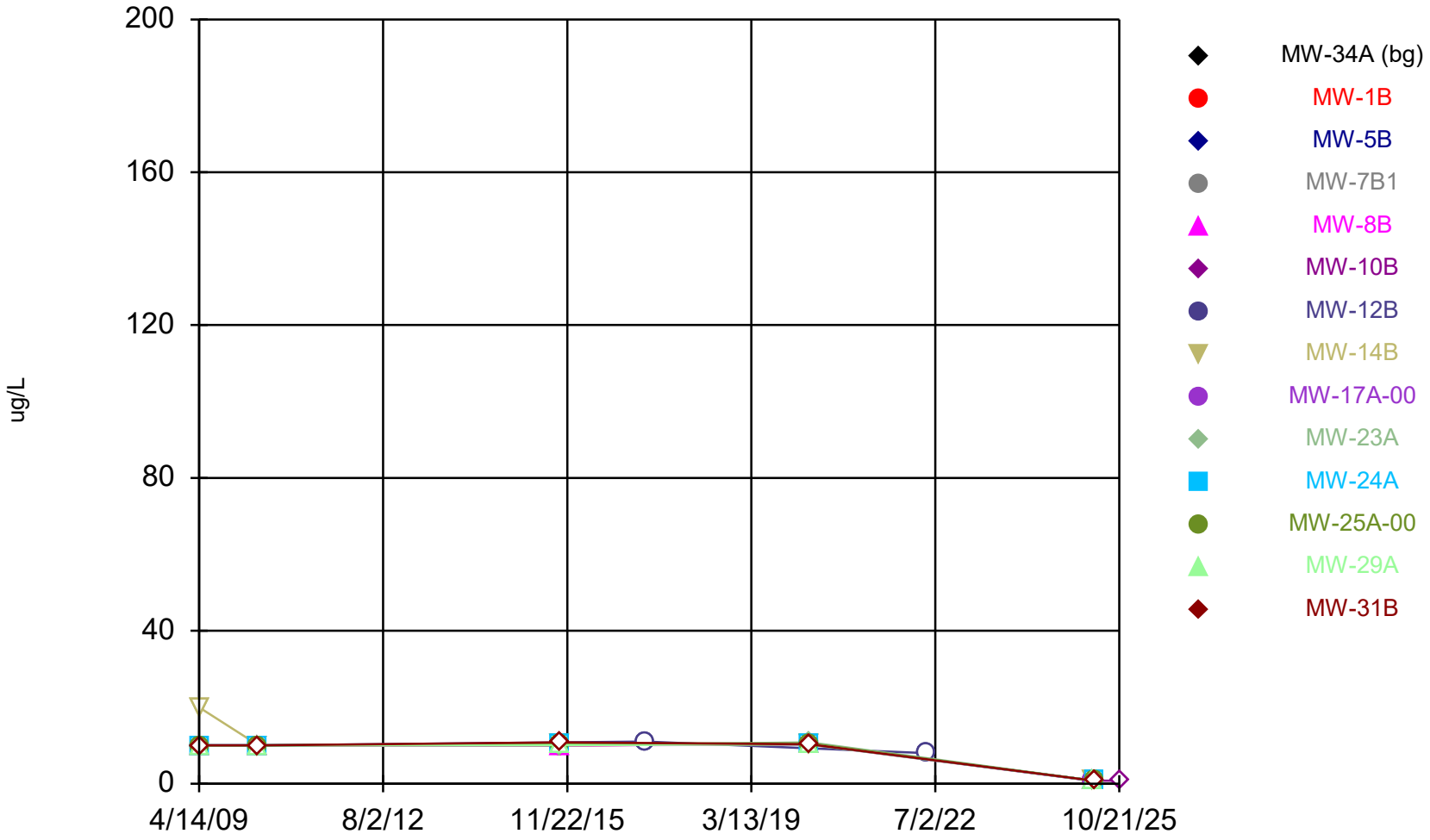


Constituent: Beta-BHC Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

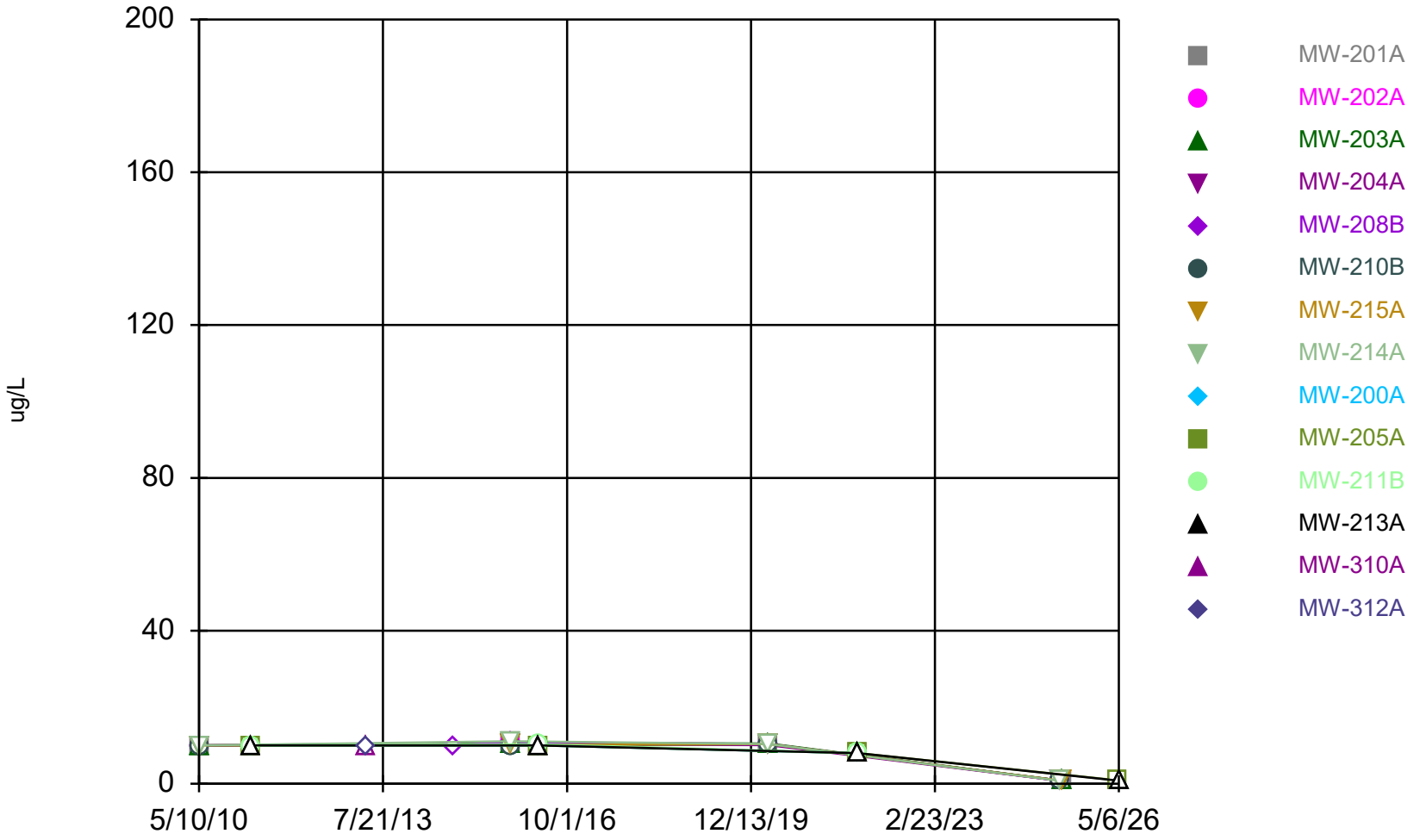


Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

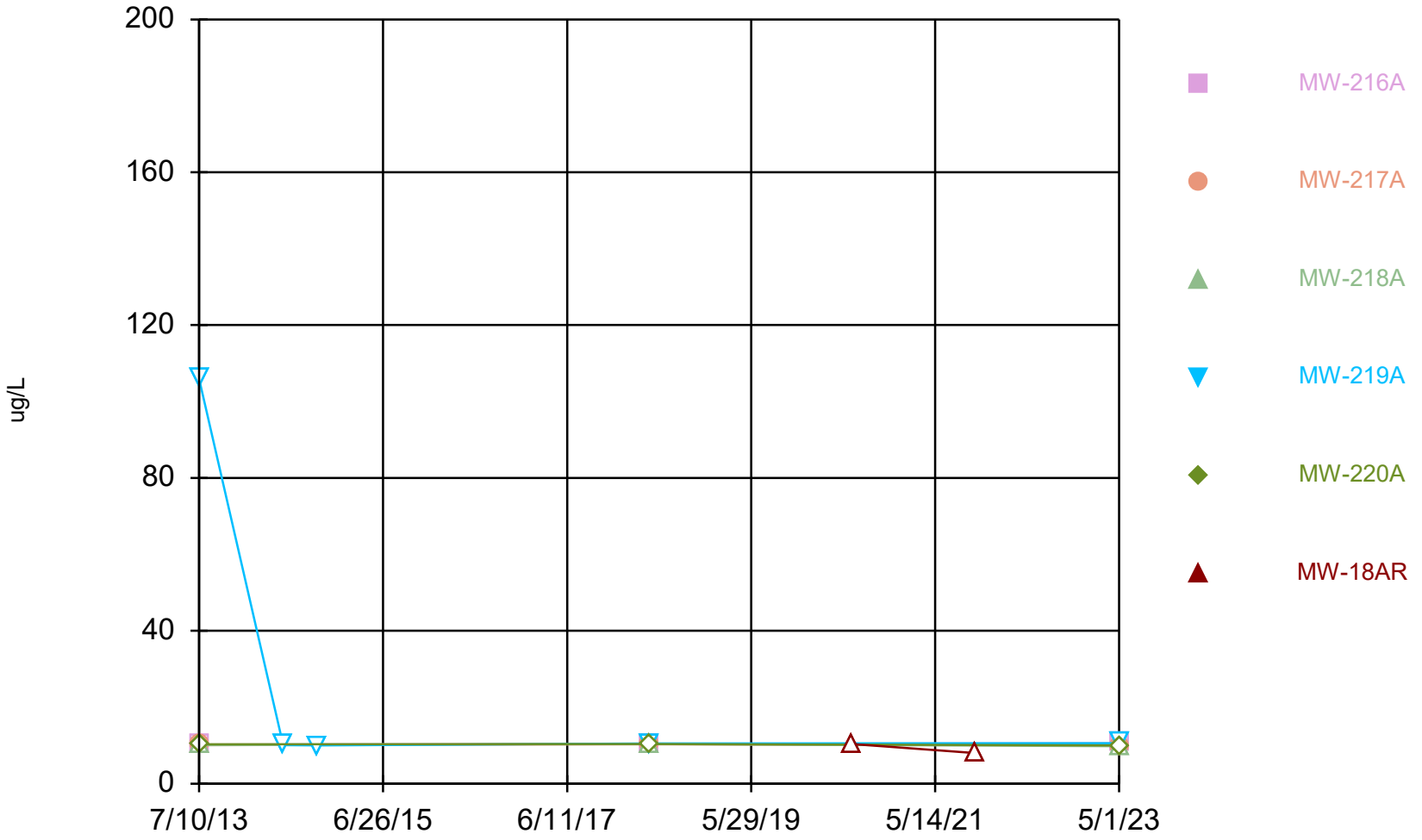


Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

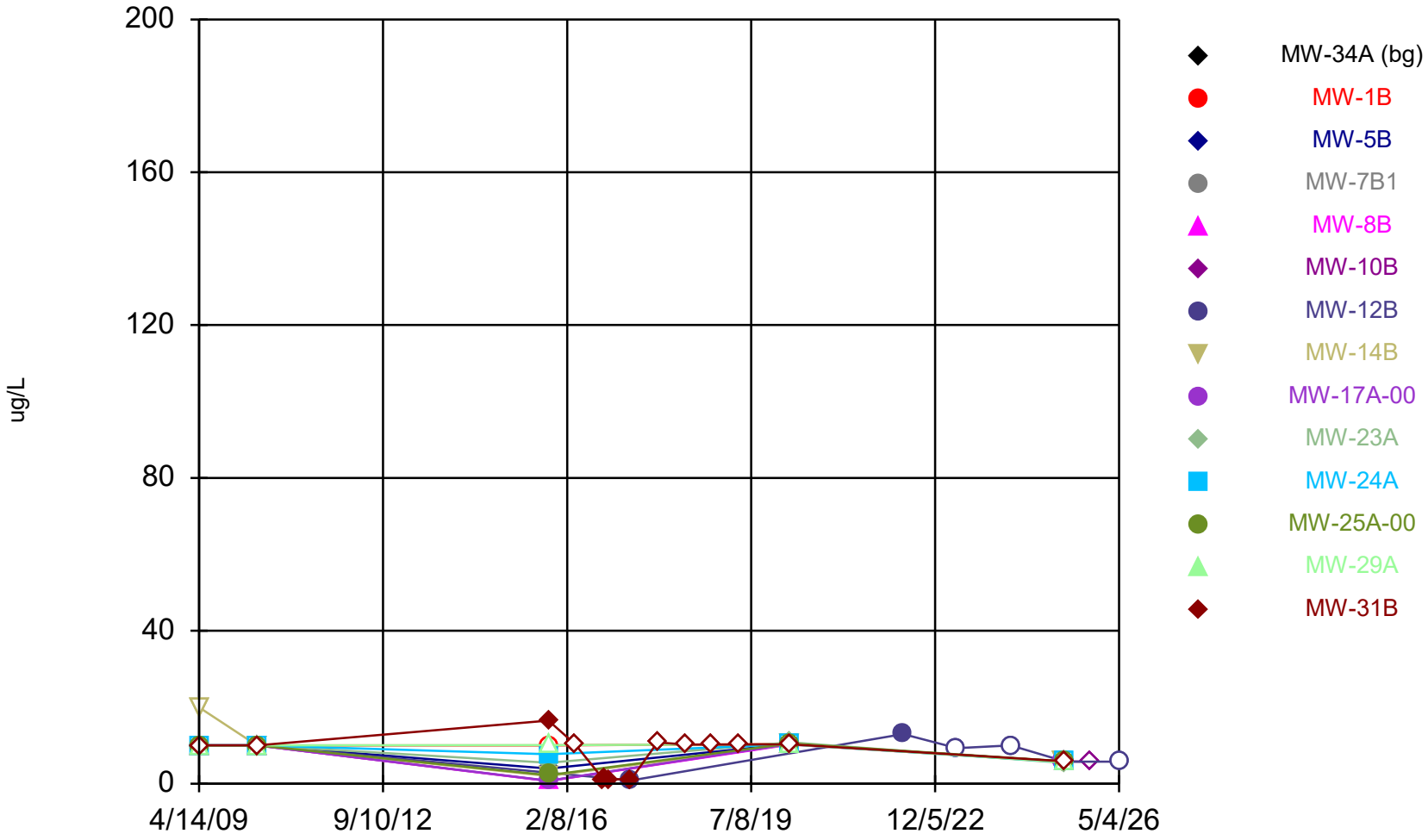


Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

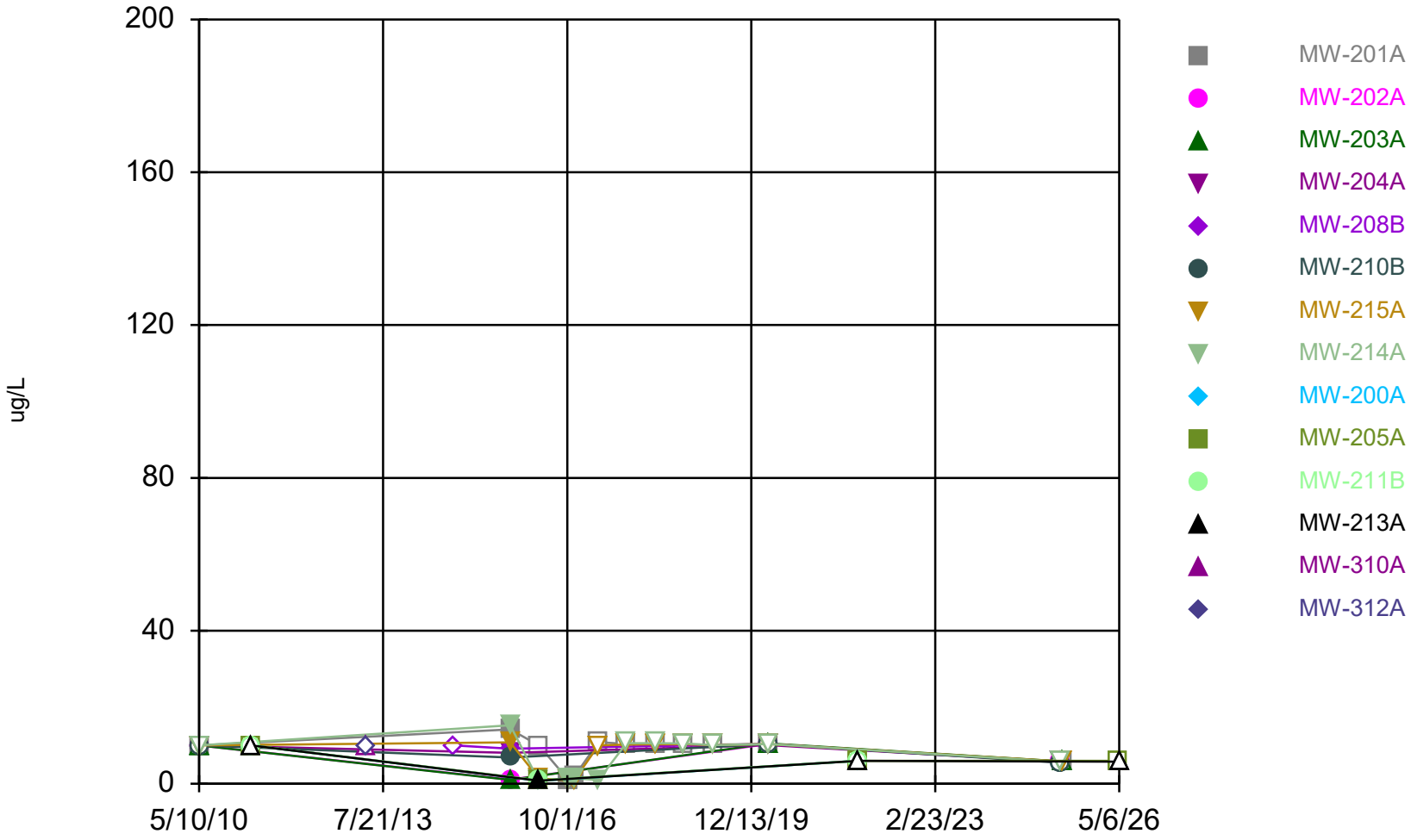


Constituent: Bis[2-ethylhexyl]phthalate Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

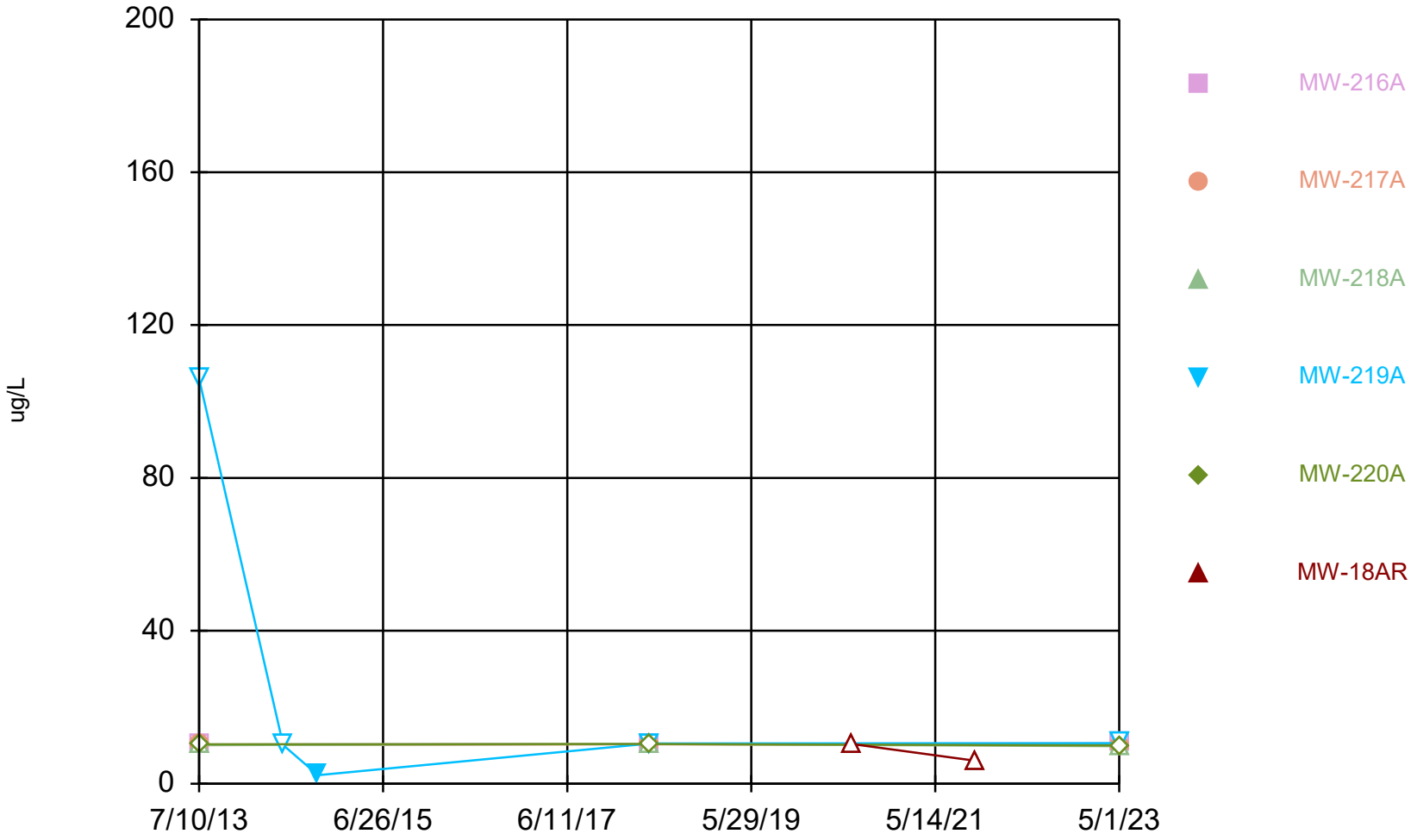


Constituent: Bis[2-ethylhexyl]phthalate Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

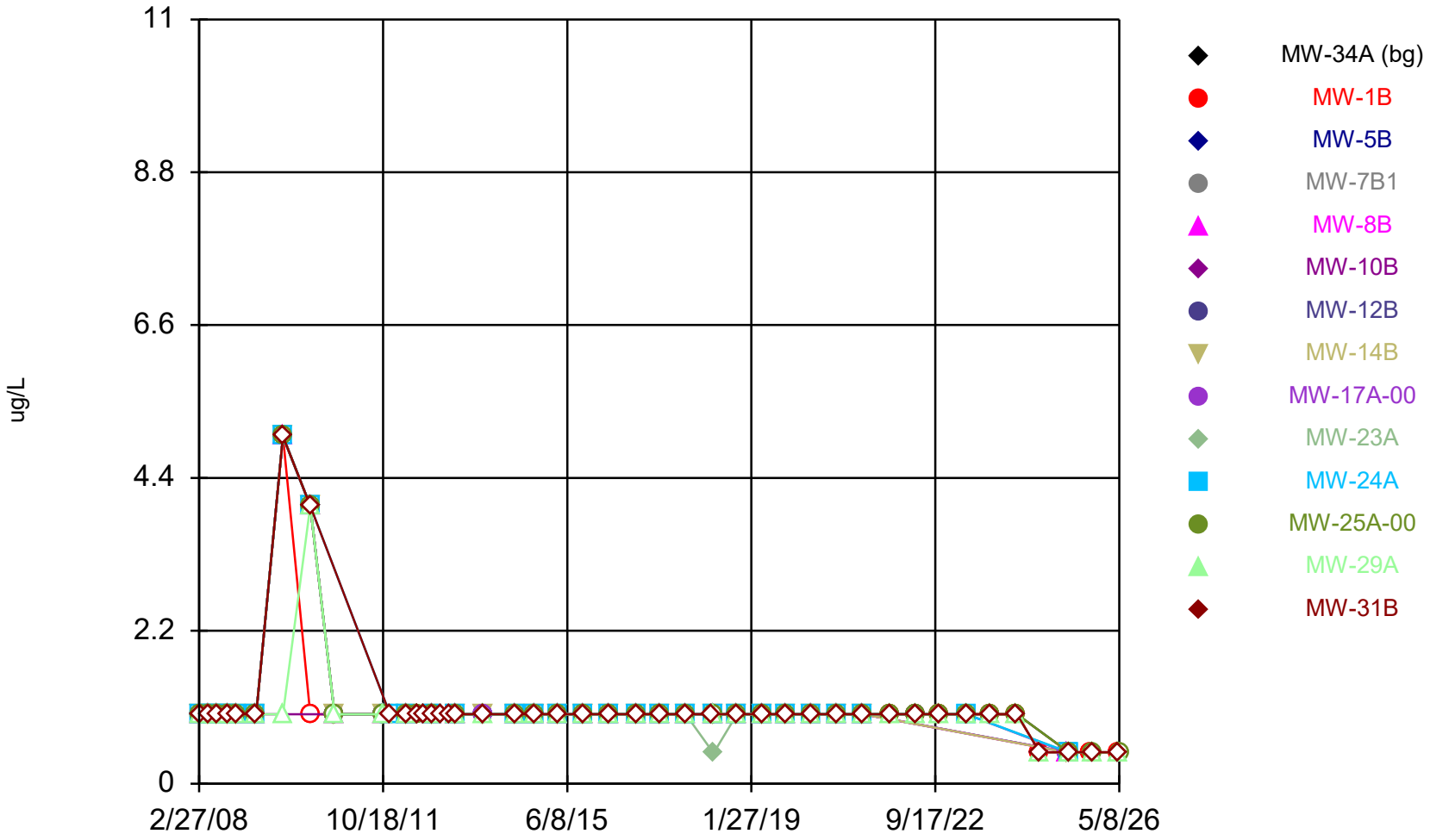


Constituent: Bis[2-ethylhexyl]phthalate Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

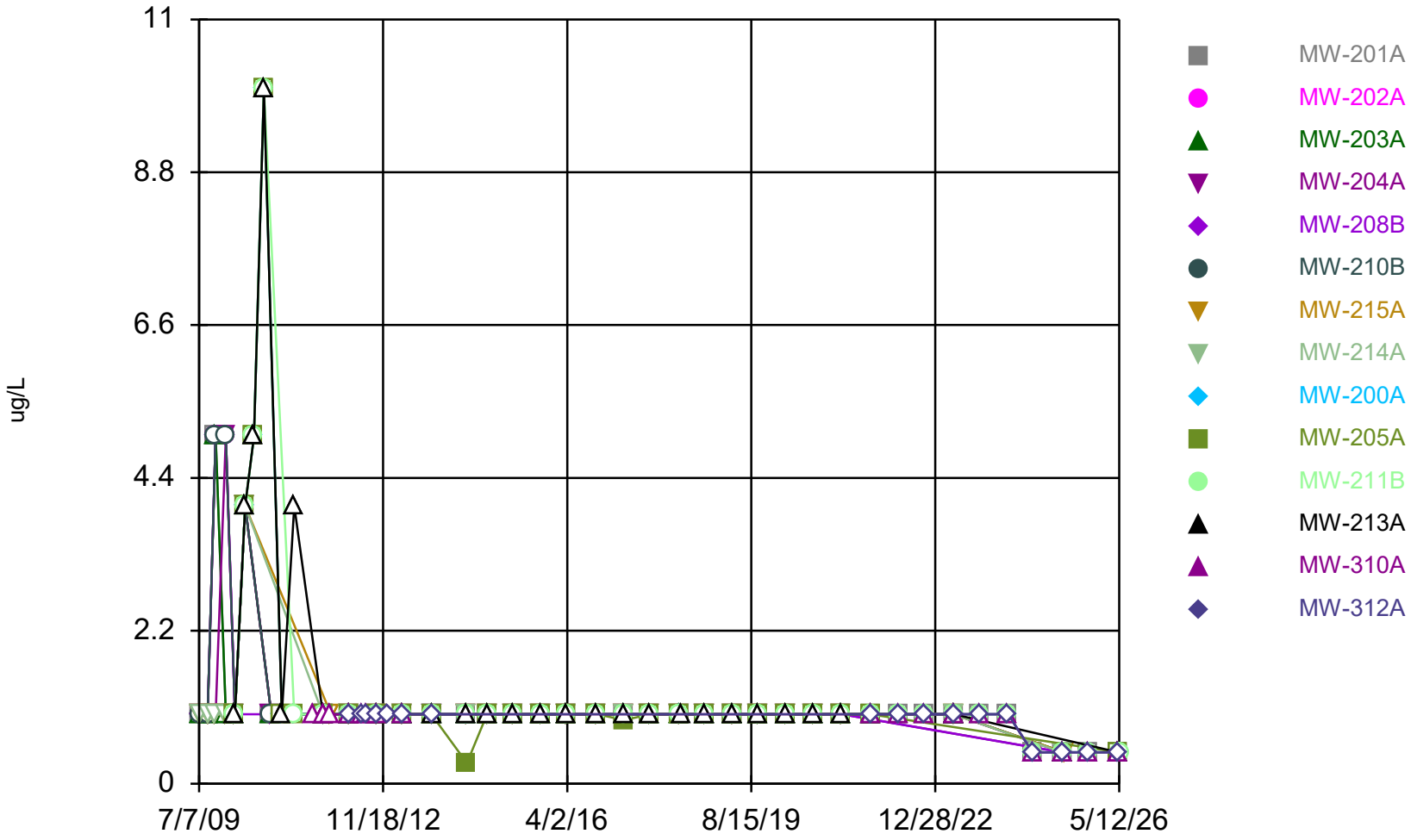


Constituent: Carbon Disulfide Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

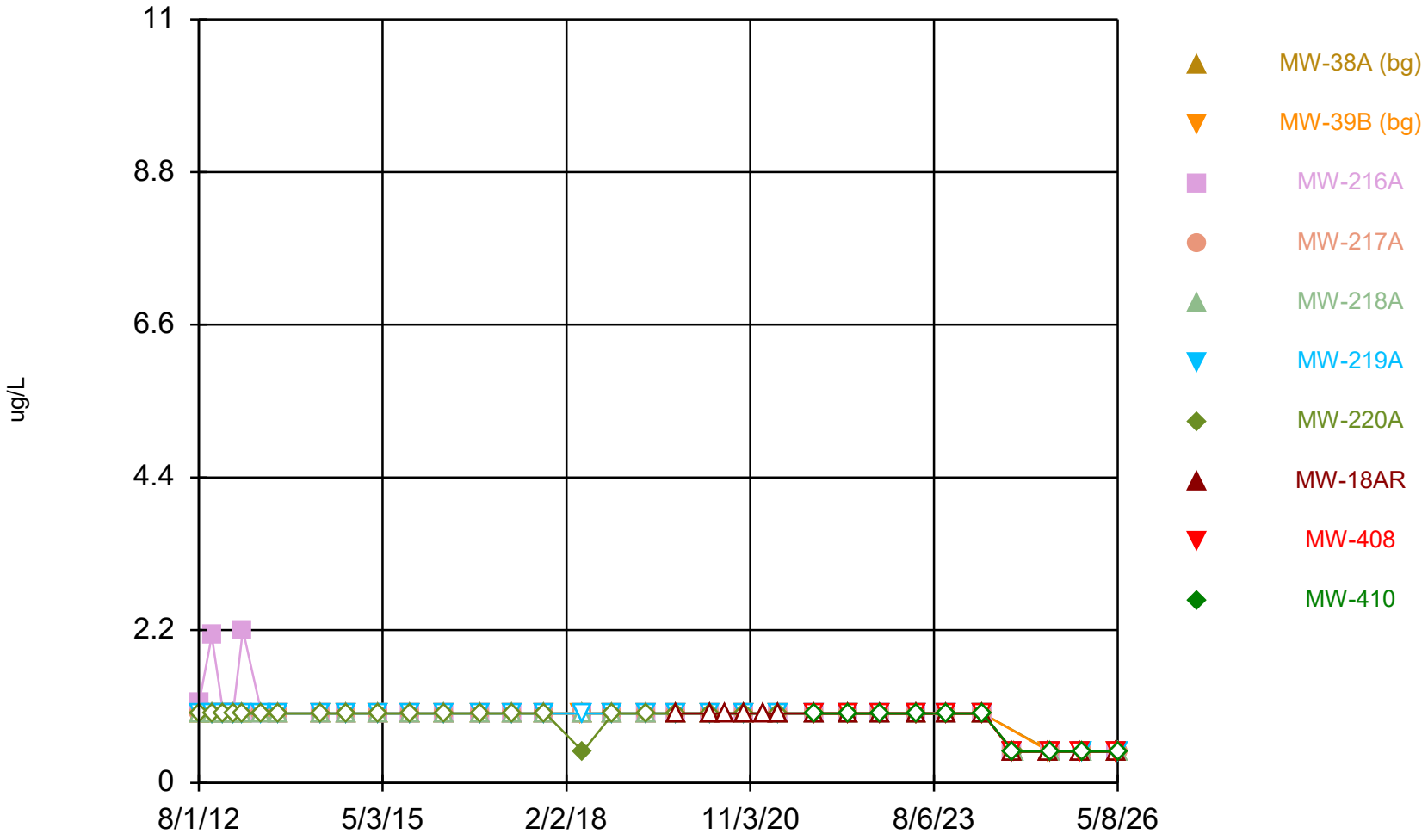


Constituent: Carbon Disulfide Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

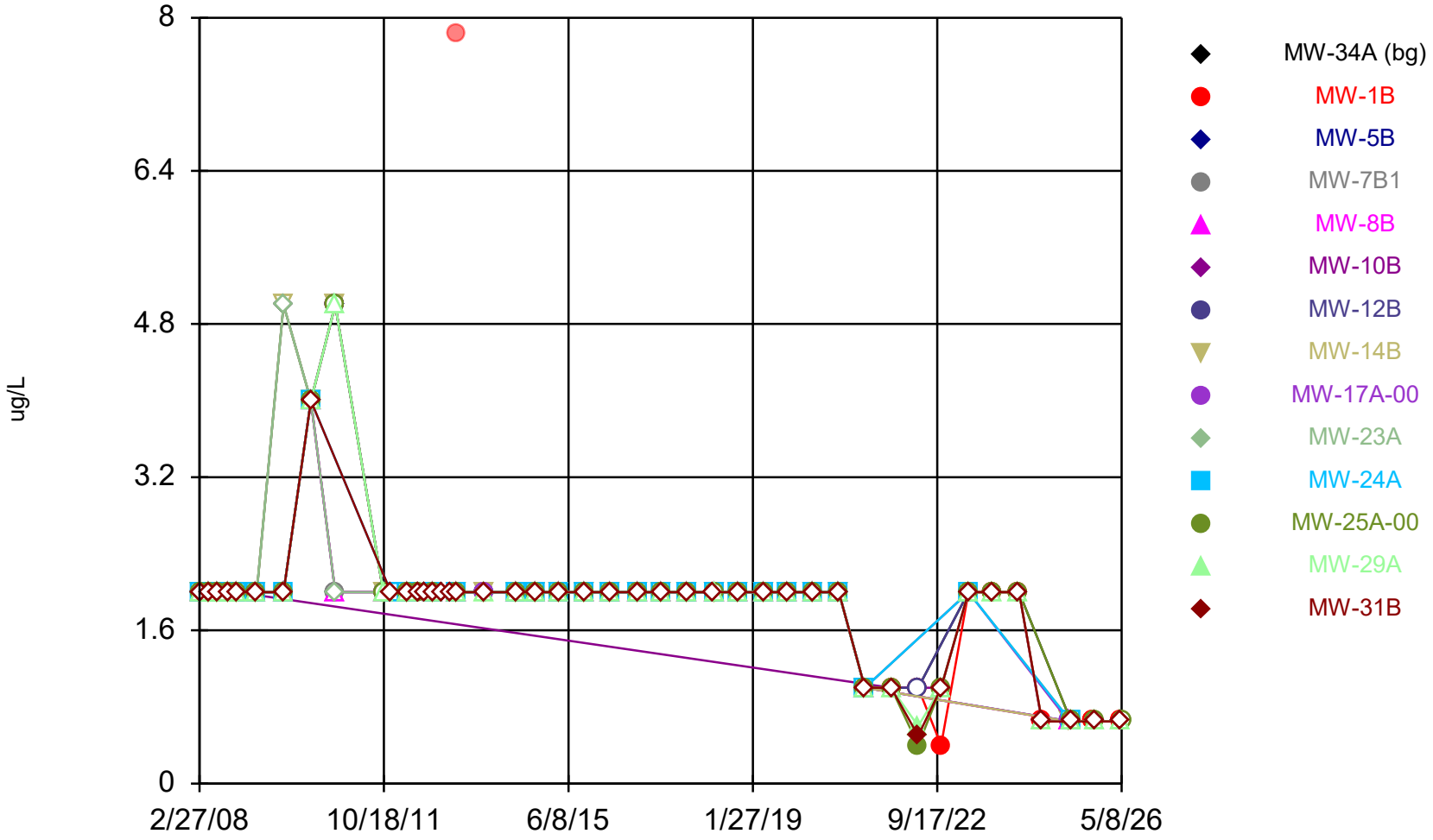


Constituent: Carbon Disulfide Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

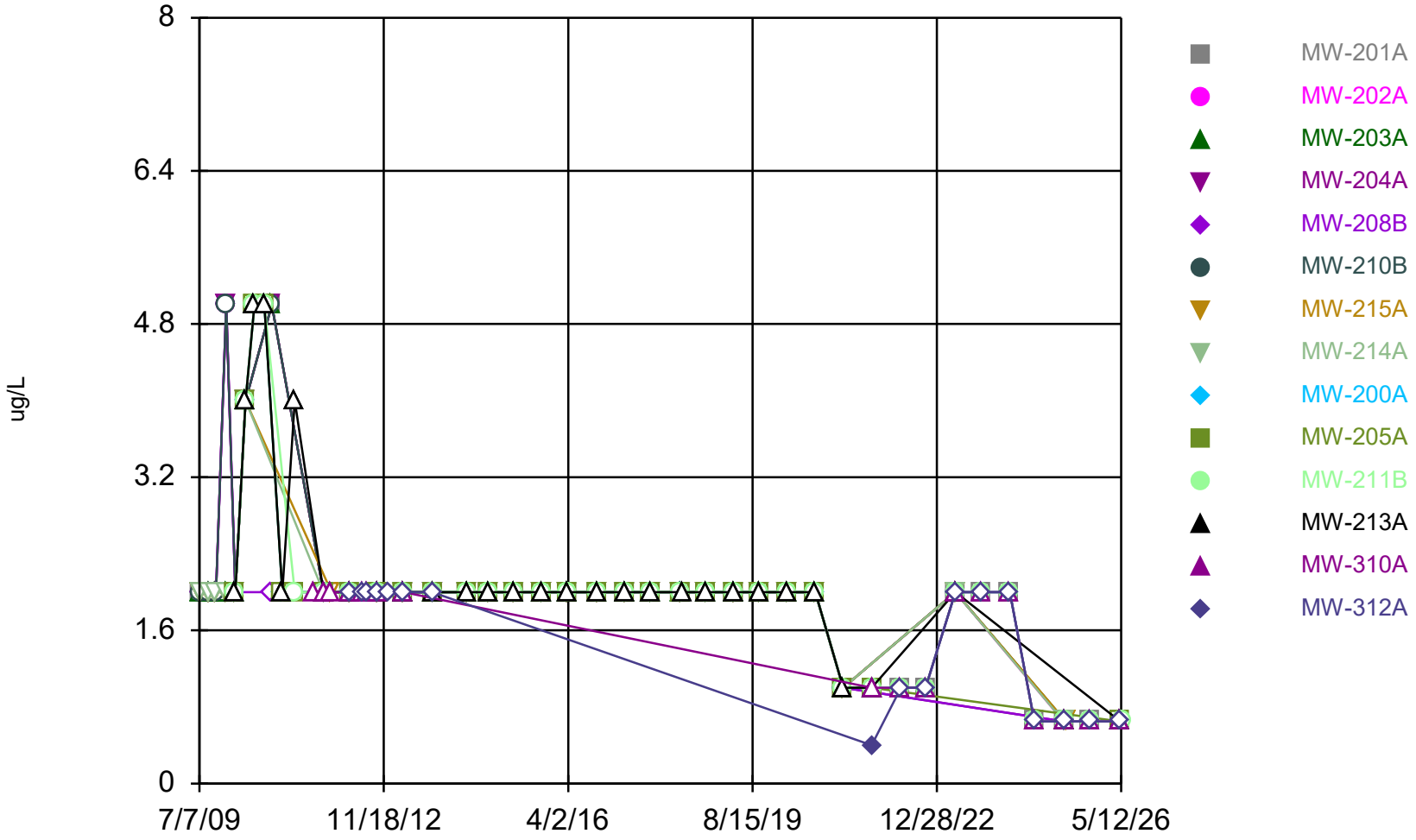


Constituent: Carbon Tetrachloride Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

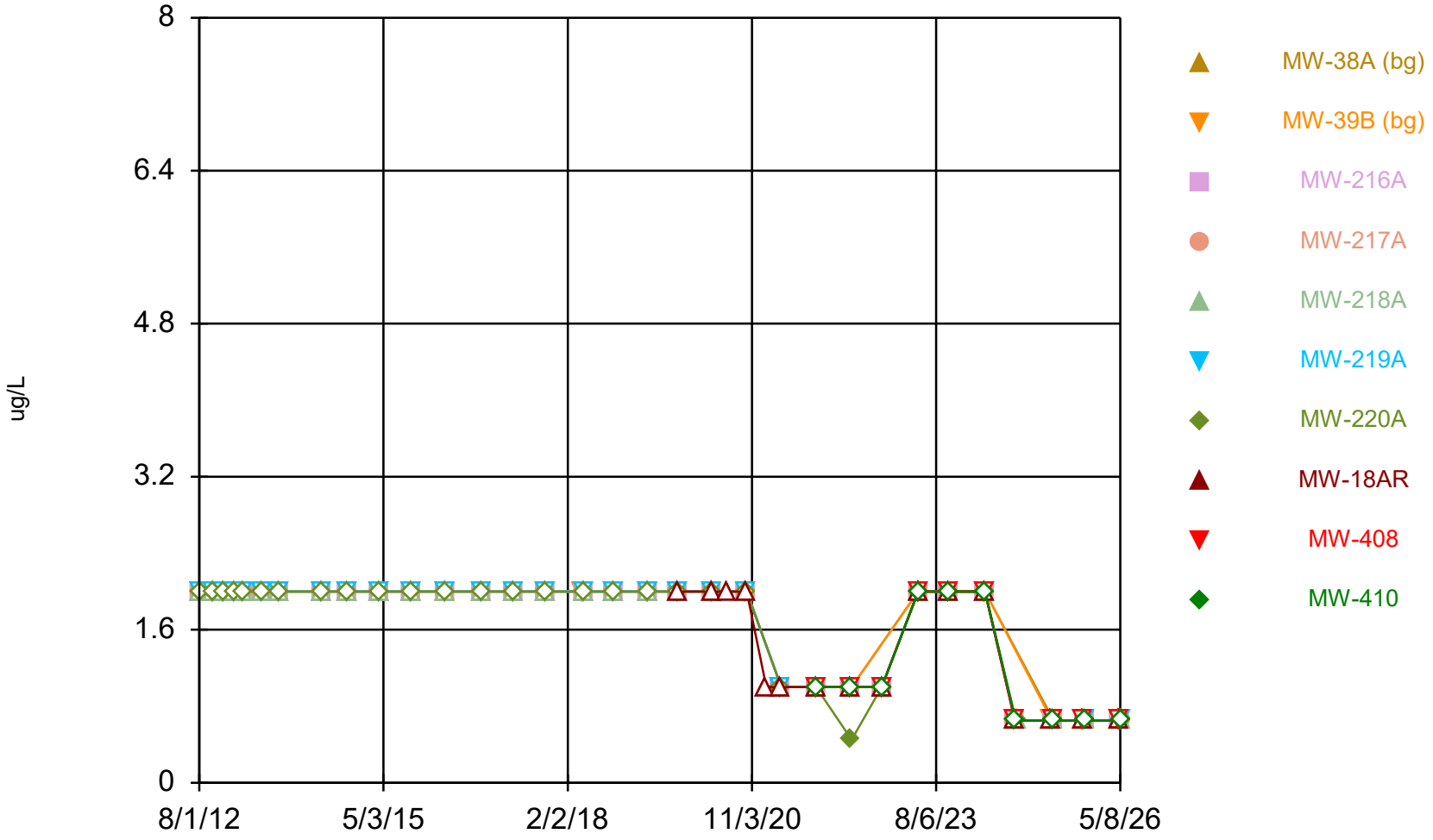


Constituent: Carbon Tetrachloride Analysis Run 7/8/2026 8:59 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

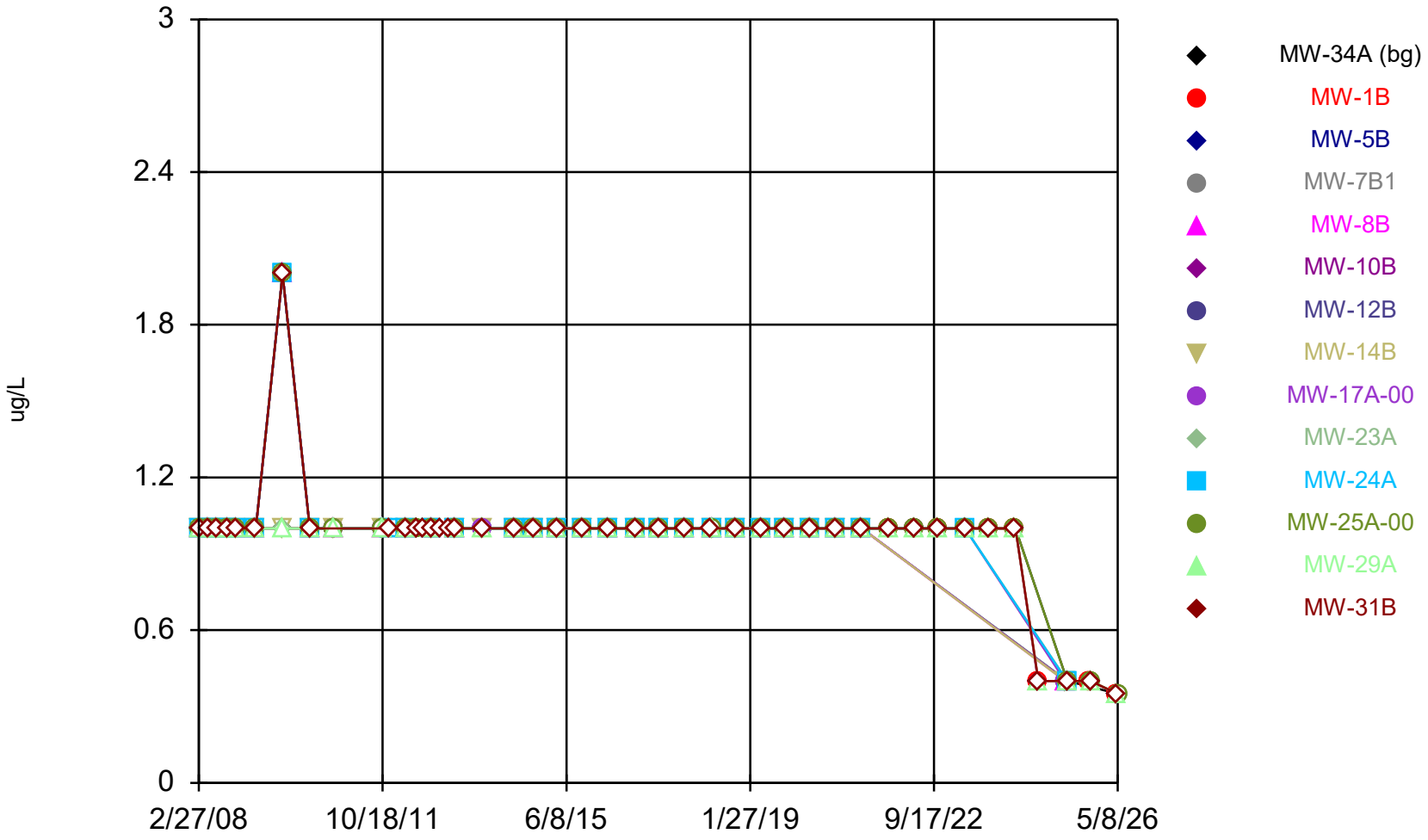


Constituent: Carbon Tetrachloride Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

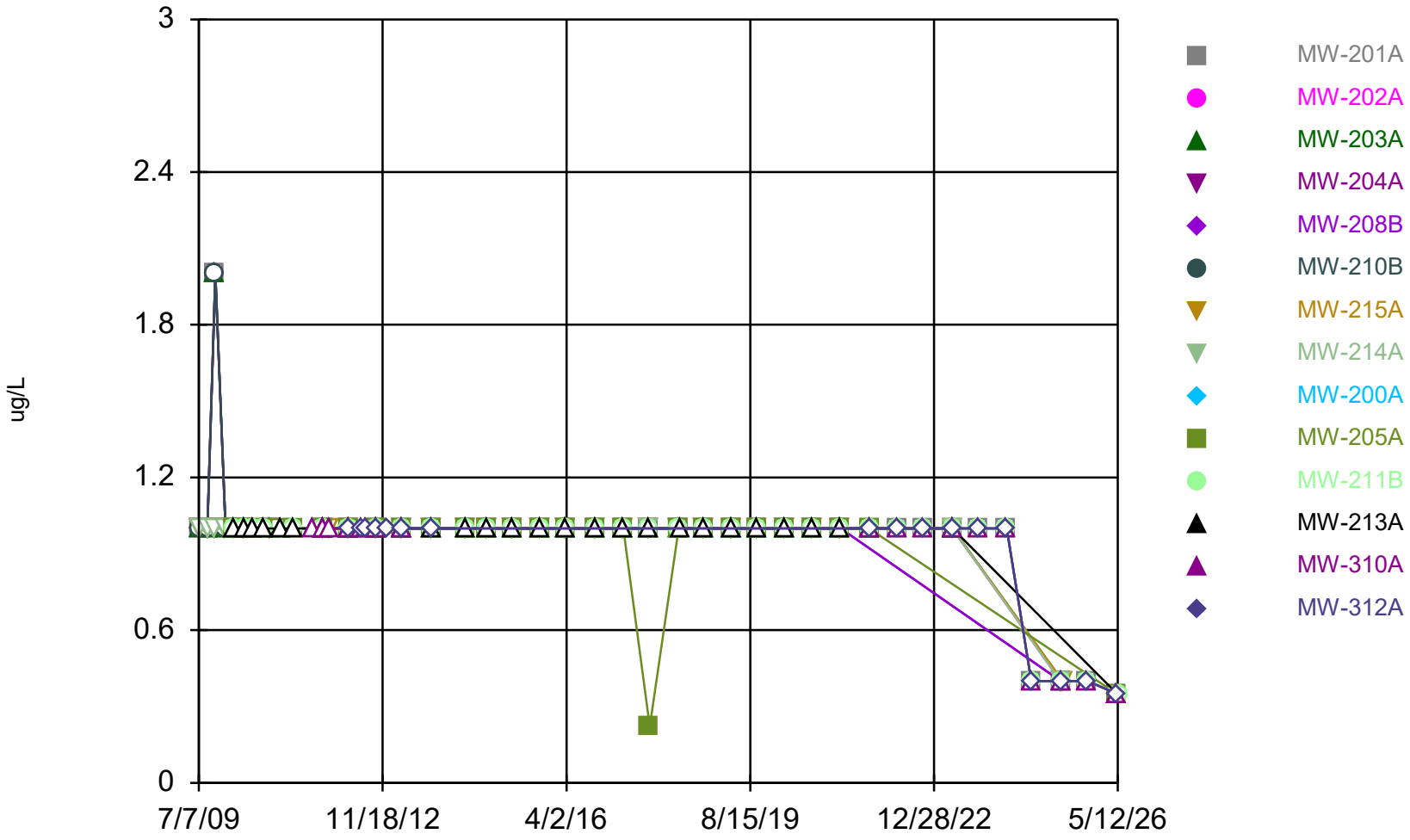


Constituent: Chlorobenzene Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

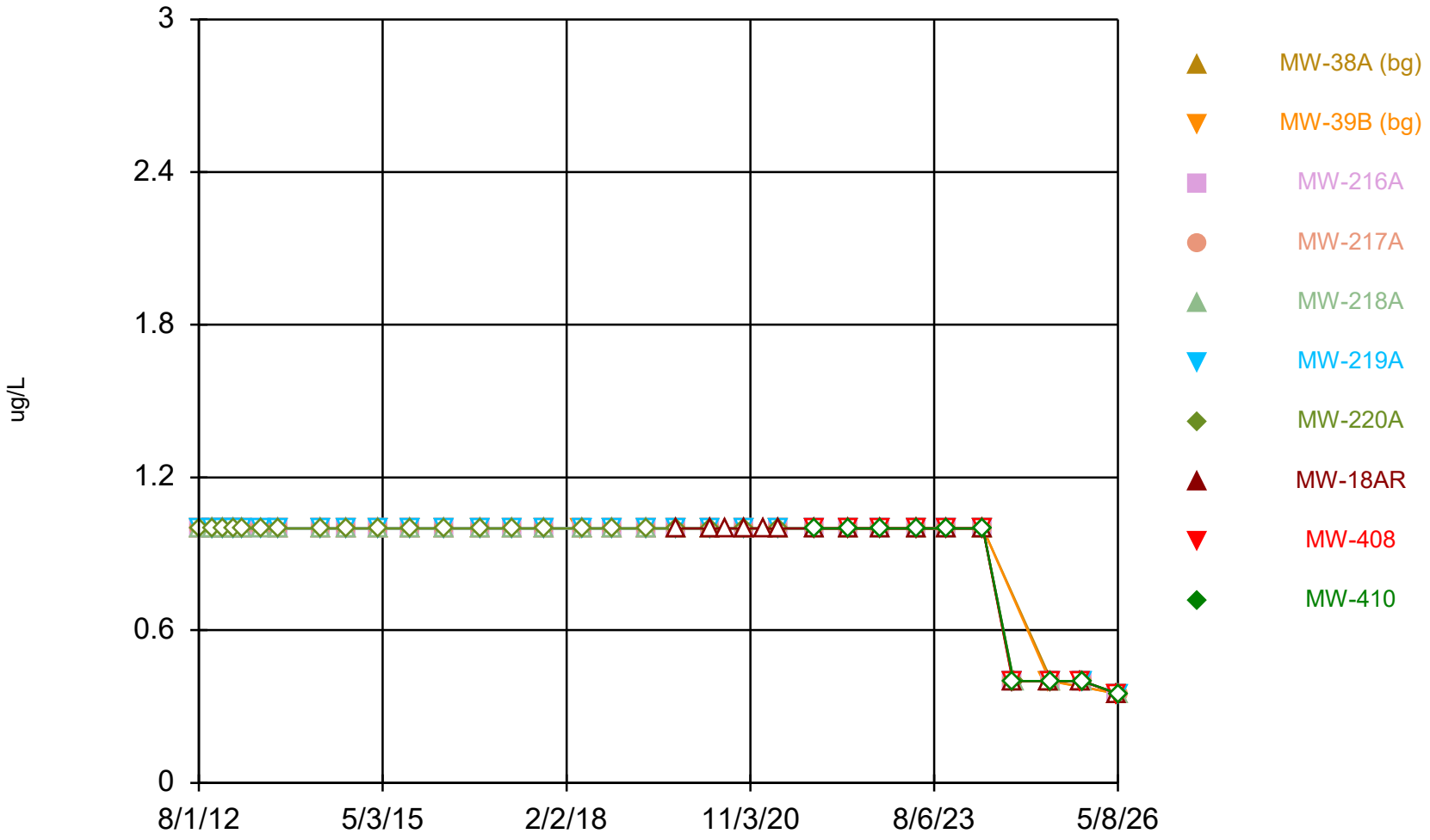


Constituent: Chlorobenzene Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

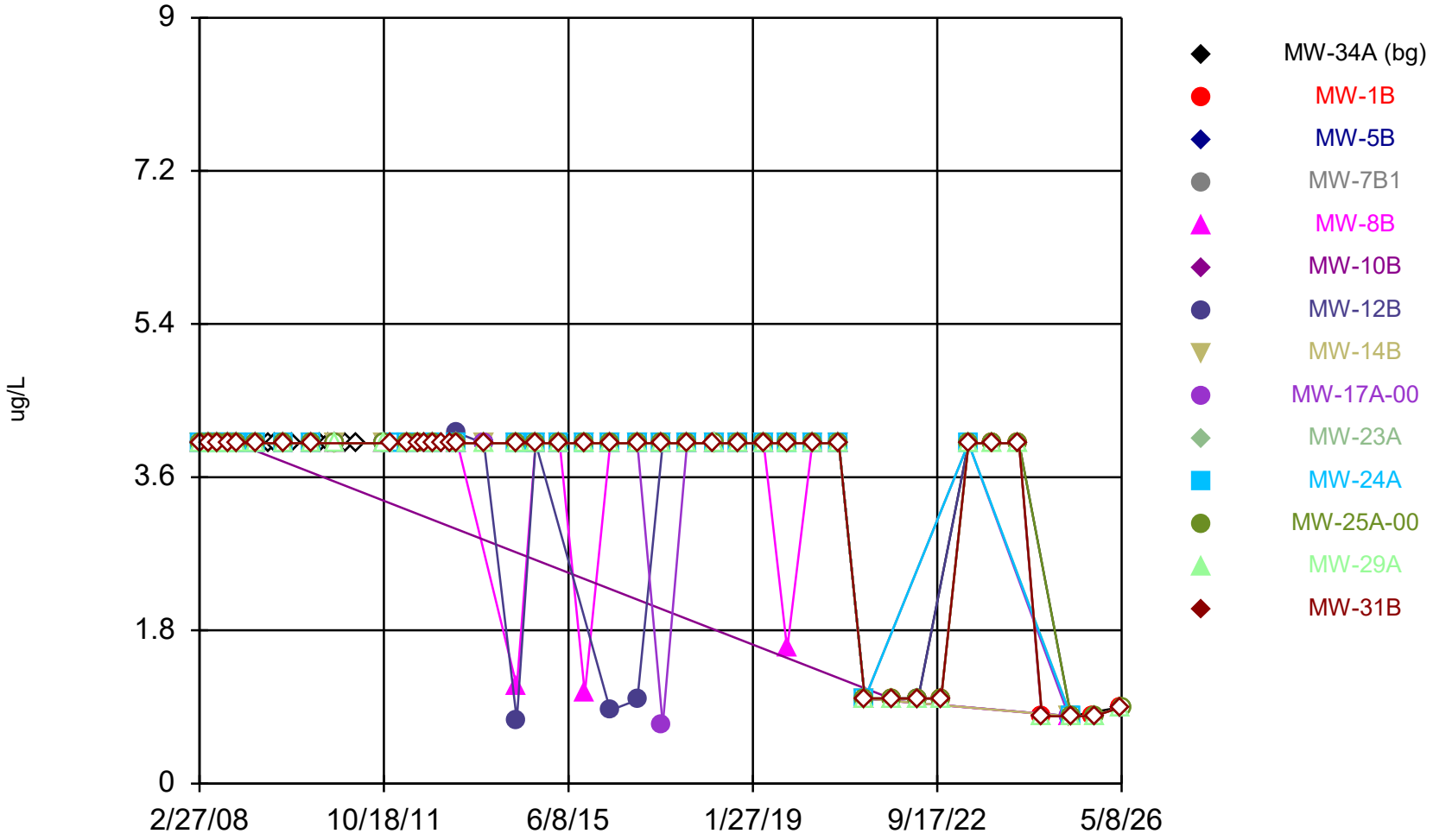


Constituent: Chlorobenzene Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

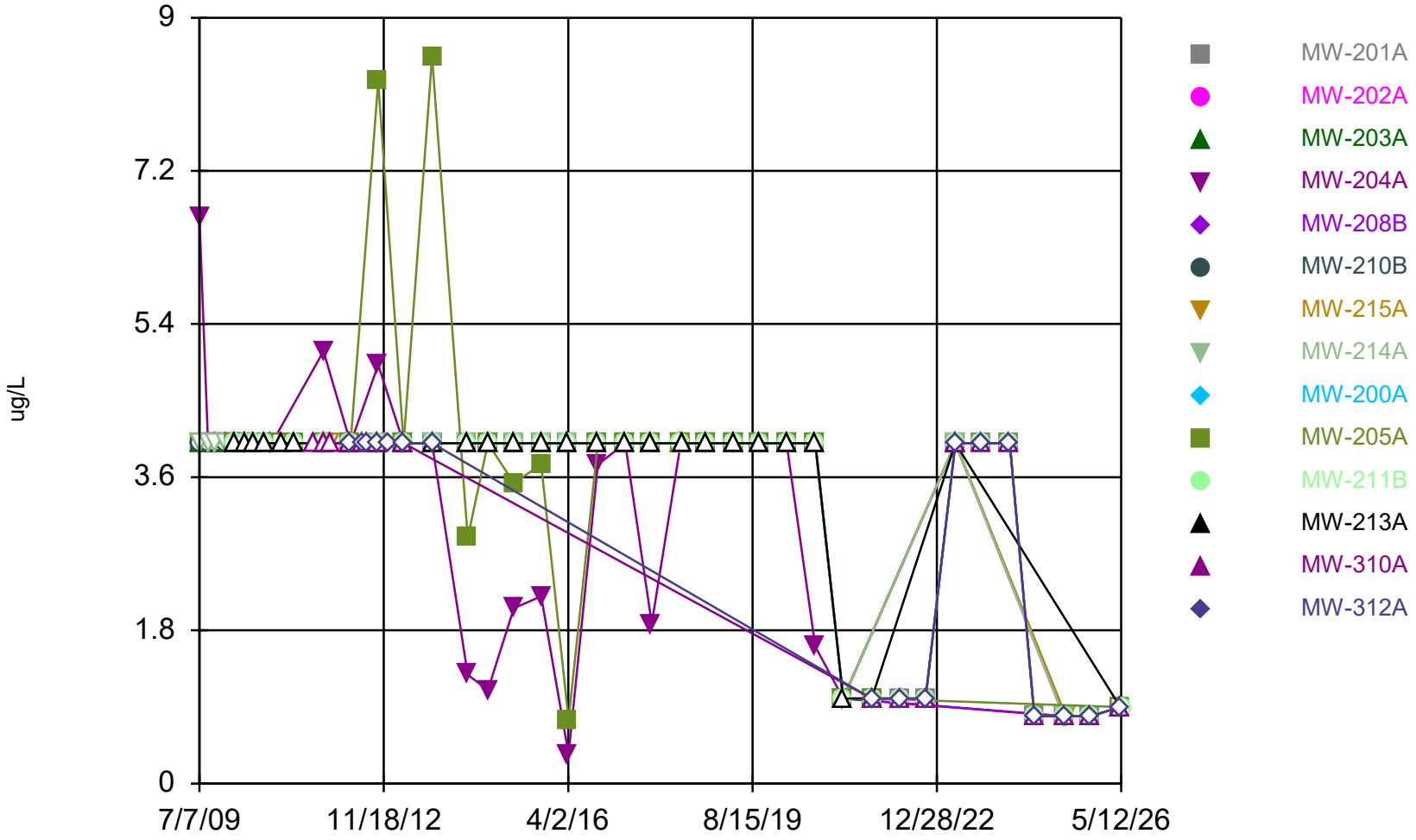


Constituent: Chloroethane Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

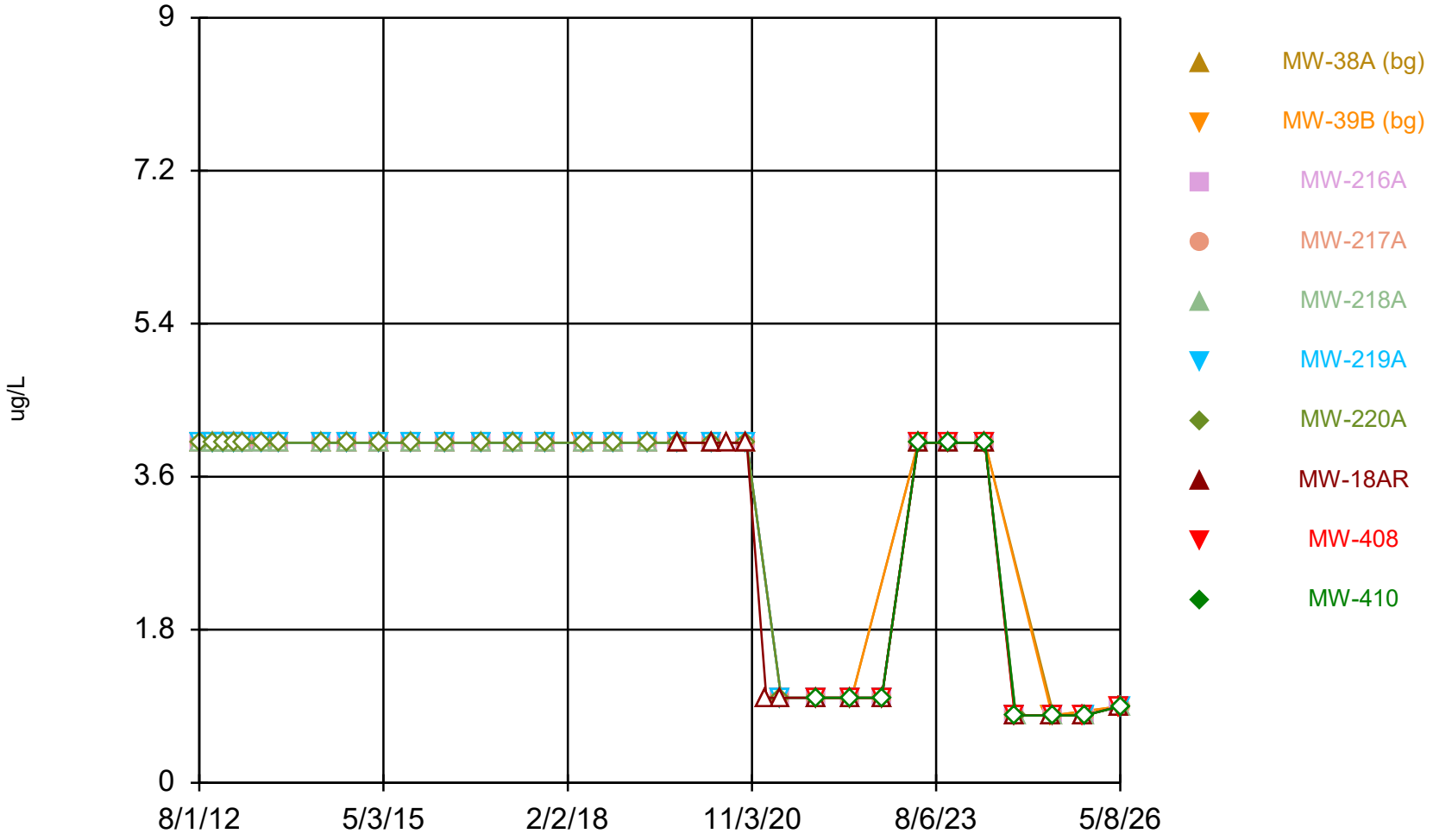


Constituent: Chloroethane Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

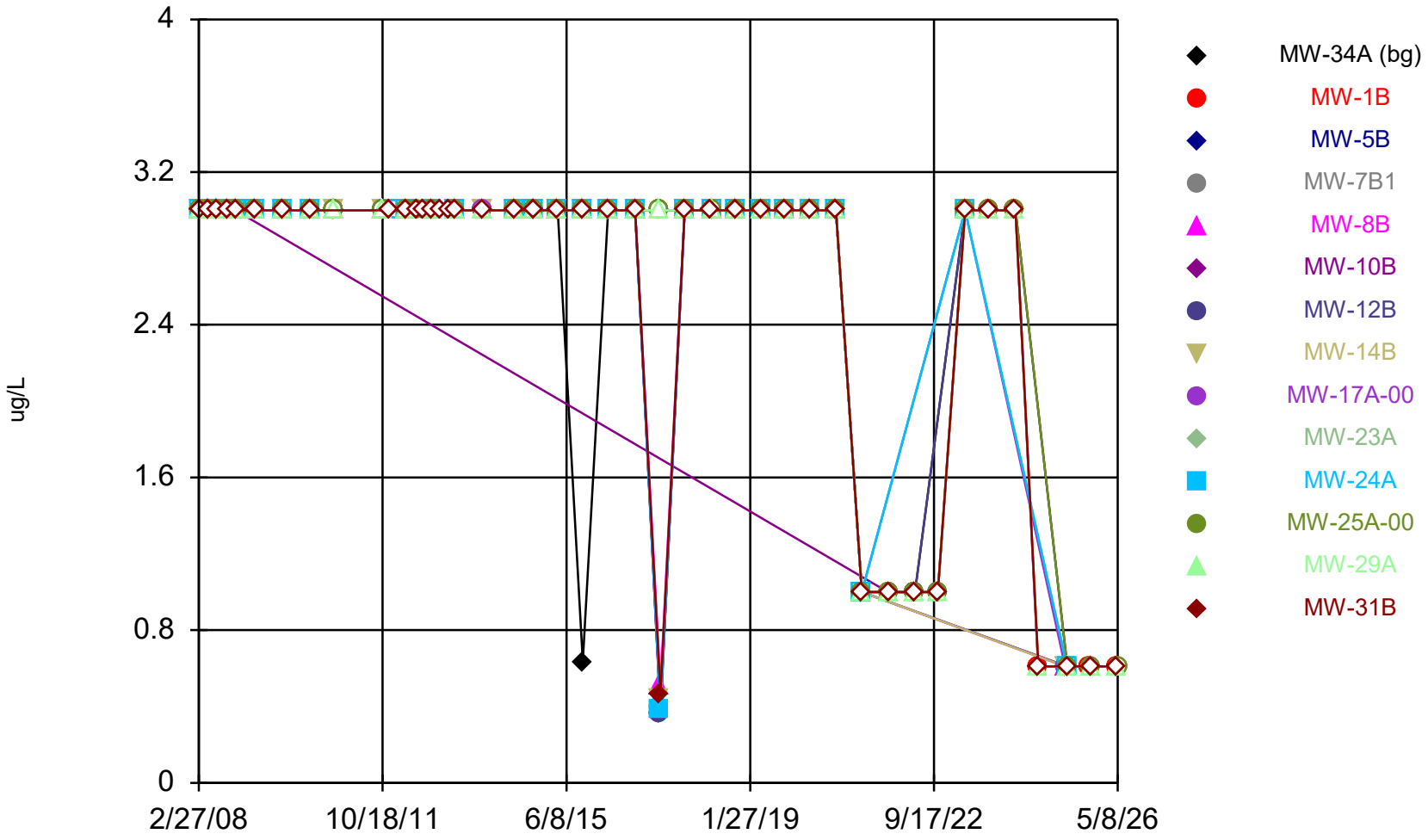


Constituent: Chloroethane Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

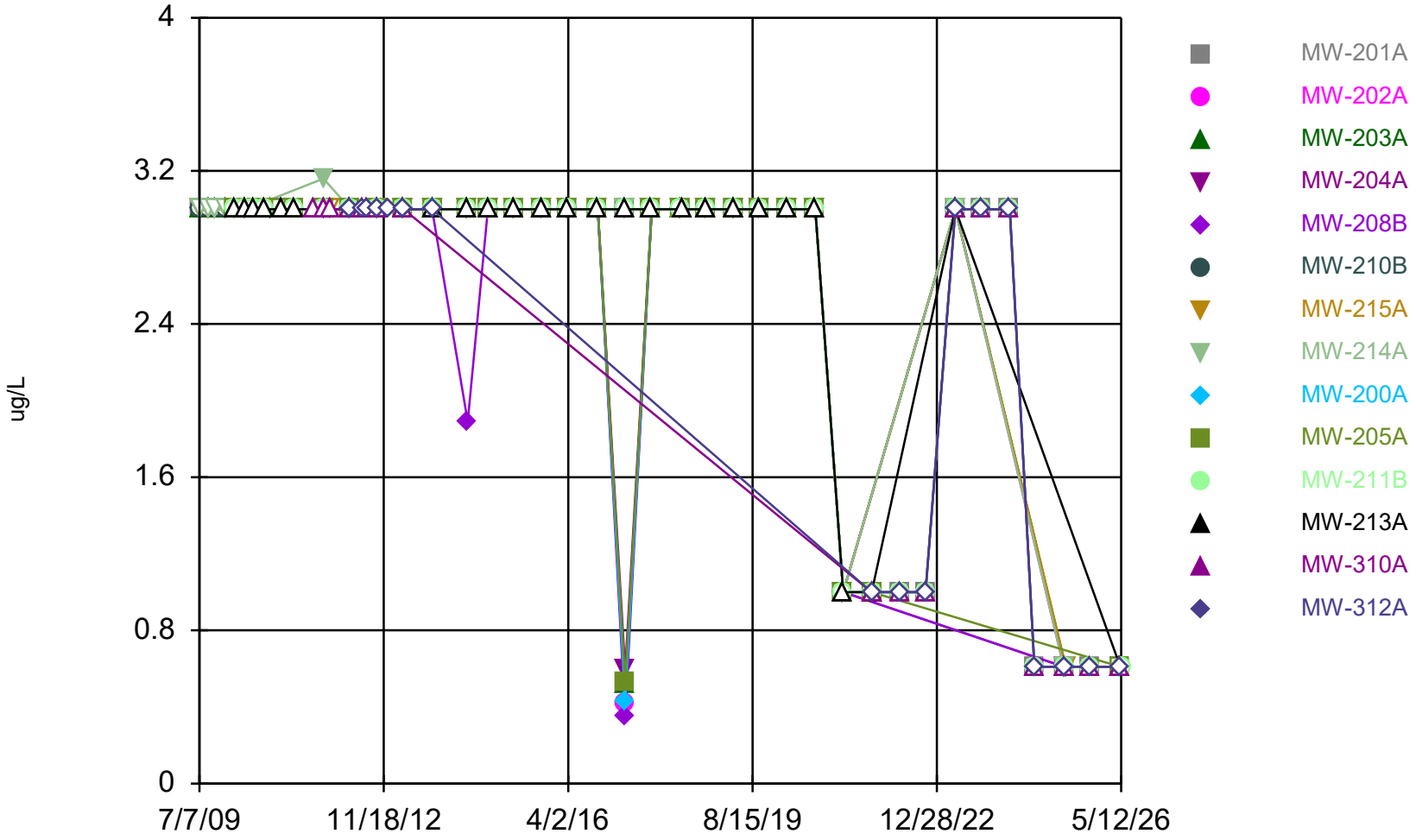


Constituent: Chloromethane Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

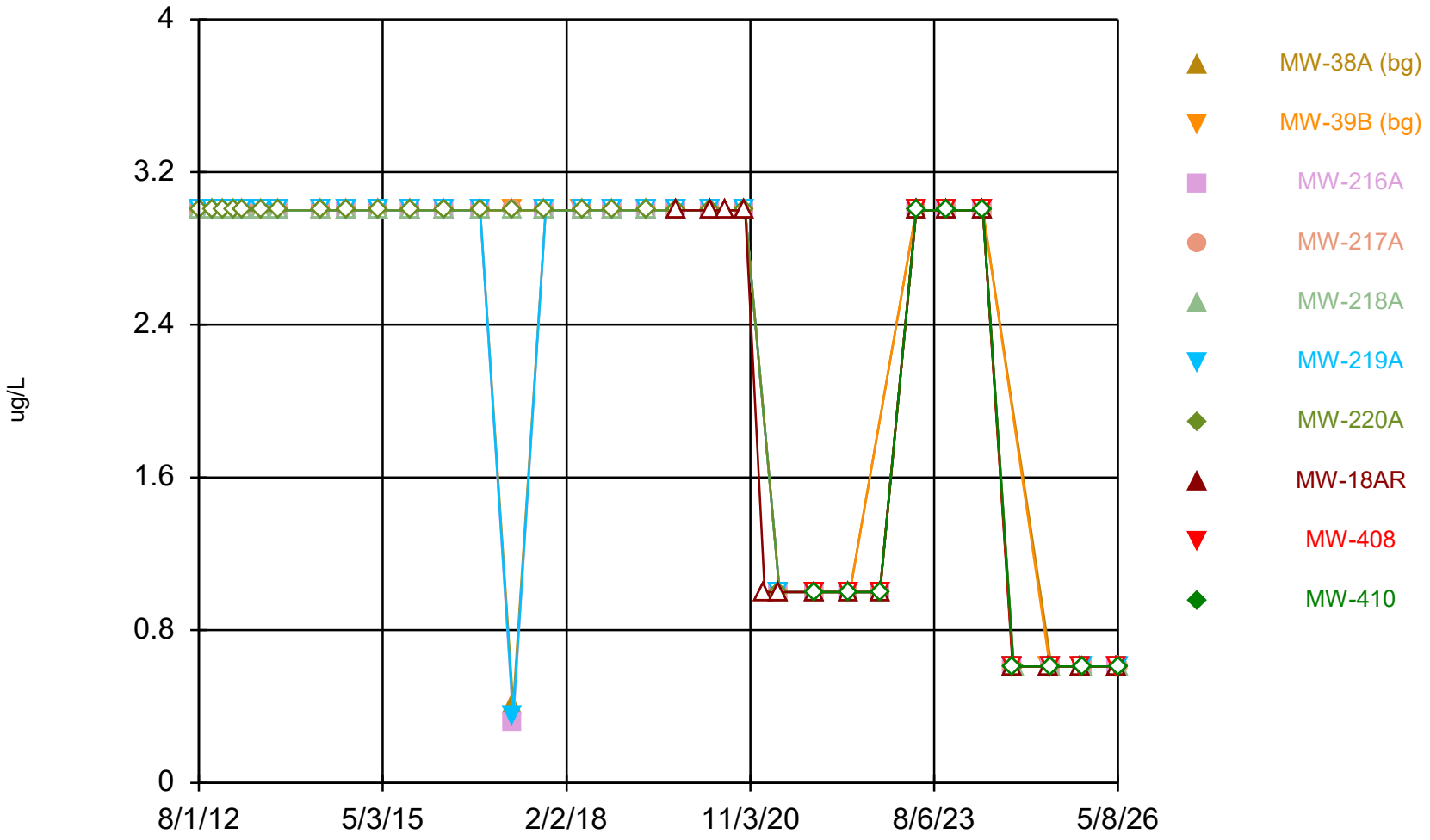


Constituent: Chloromethane Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

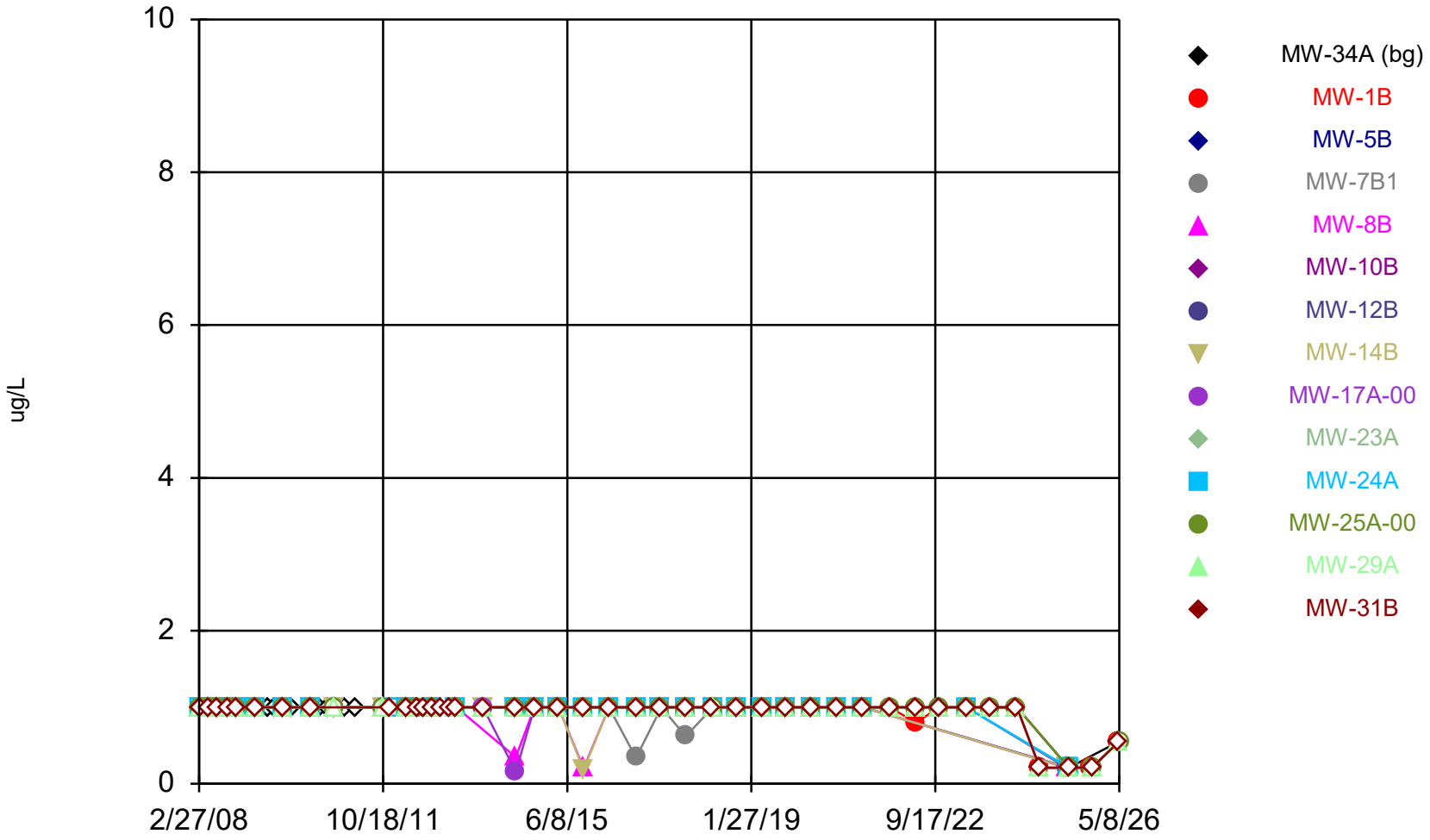


Constituent: Chloromethane Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

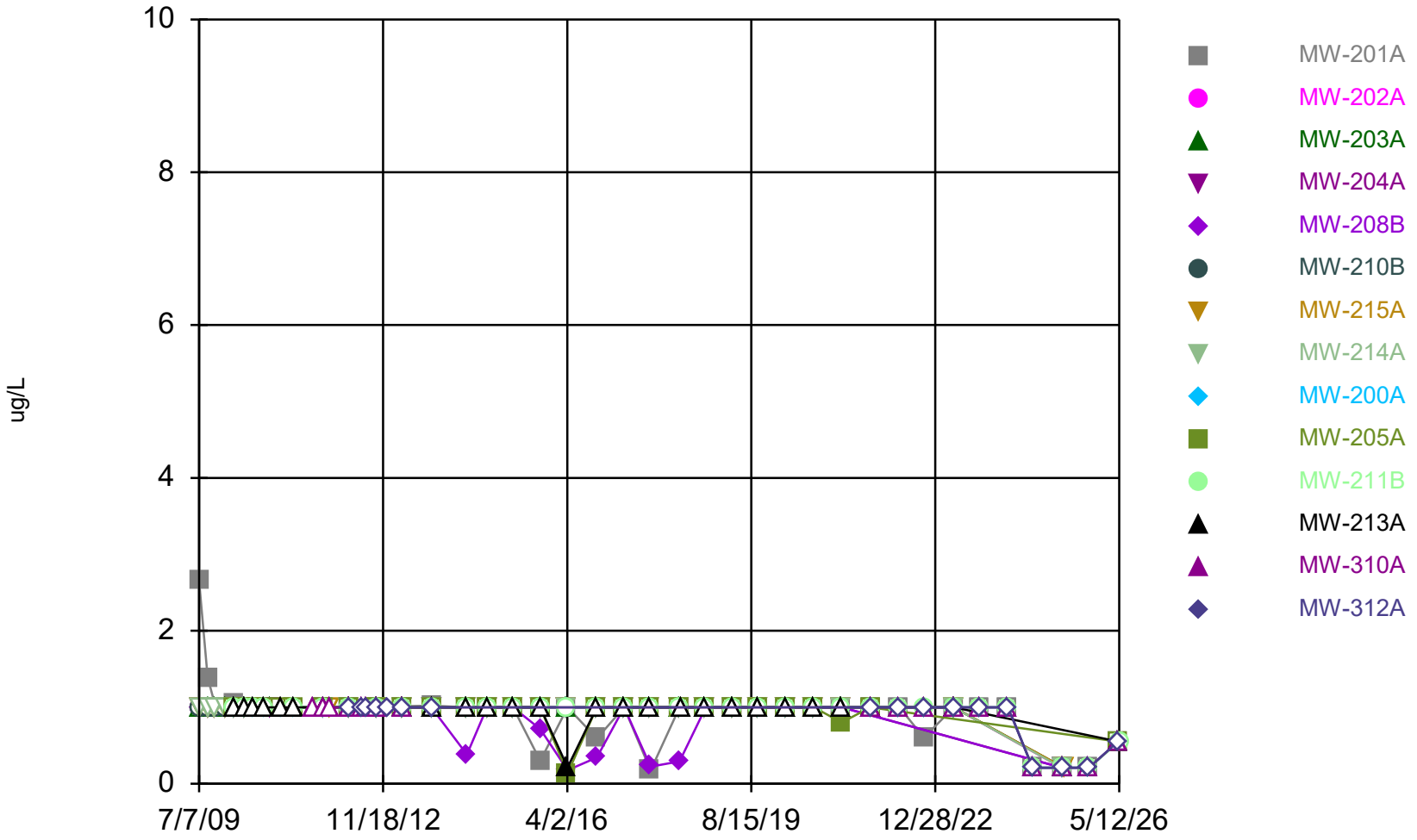


Constituent: cis-1,2-Dichloroethene Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

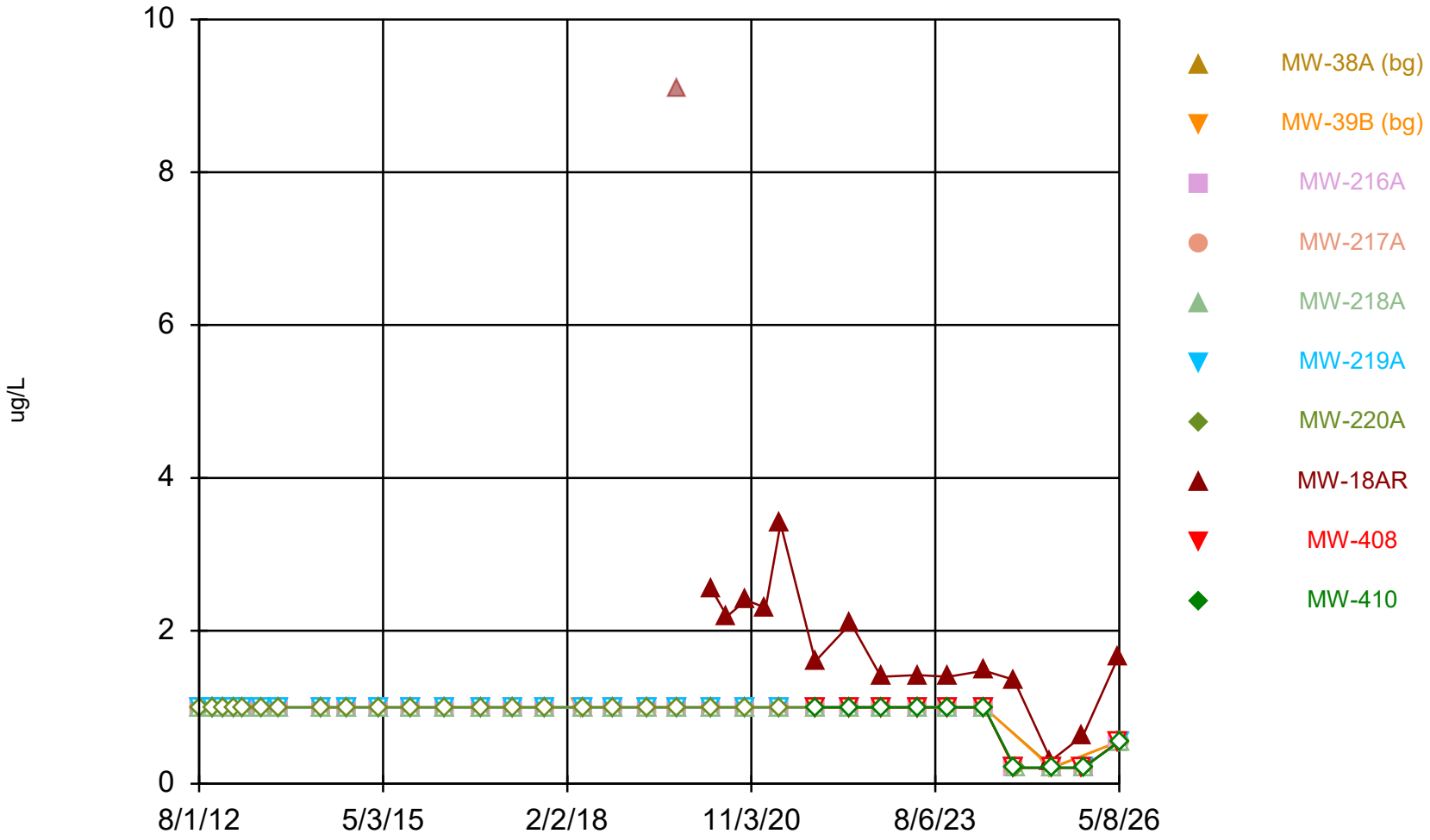


Constituent: cis-1,2-Dichloroethene Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

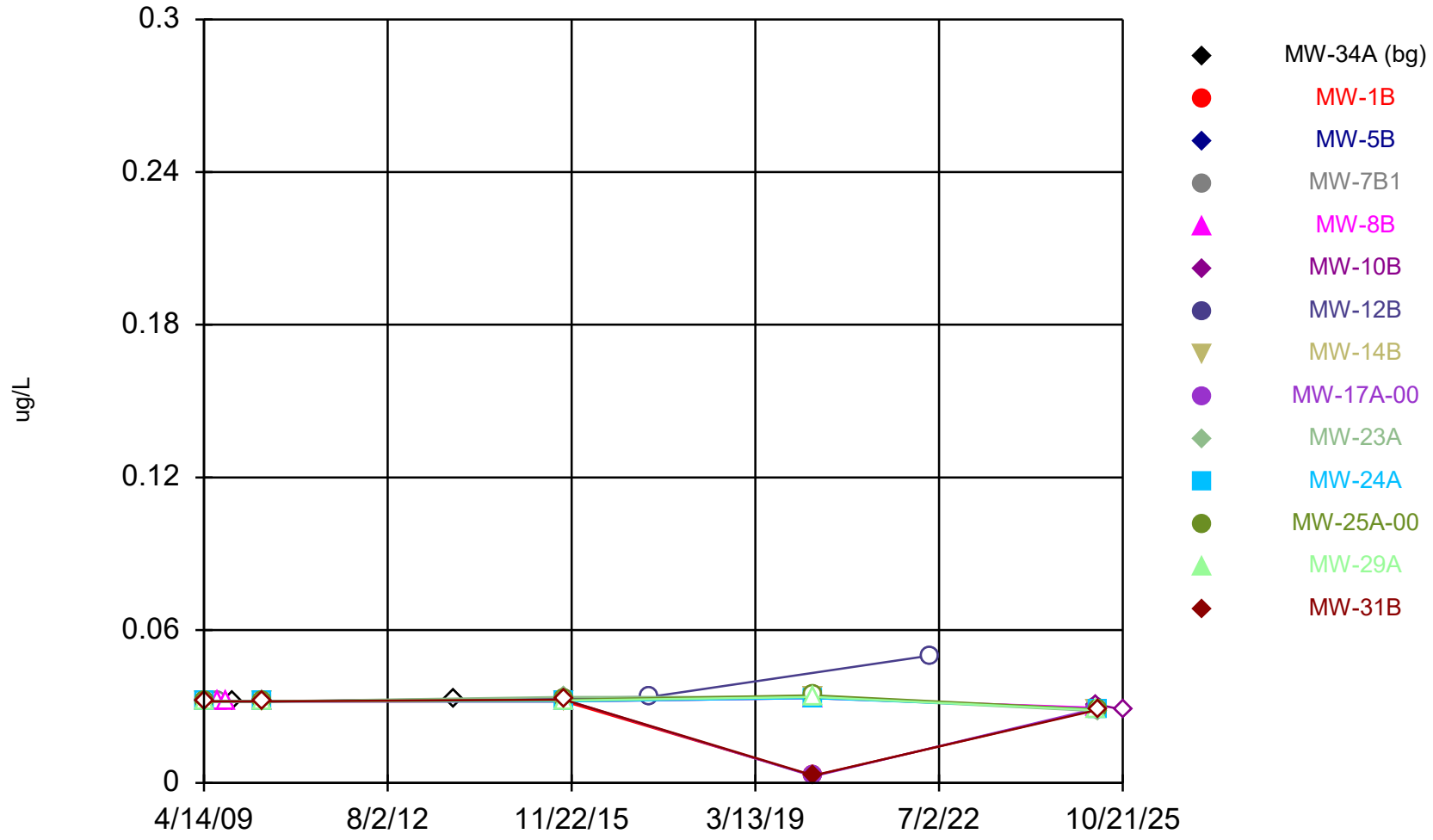


Constituent: cis-1,2-Dichloroethene Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

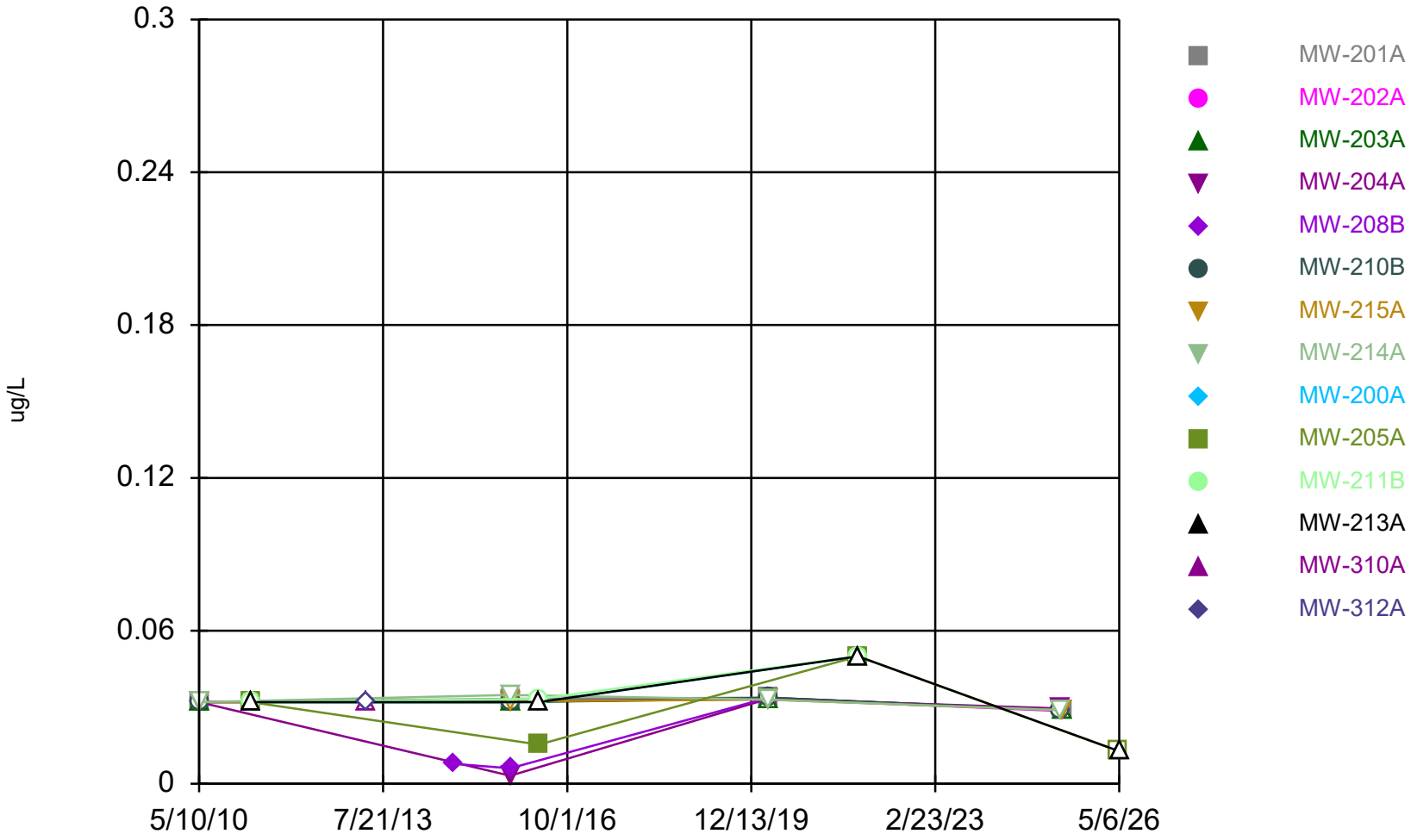


Constituent: Delta-BHC Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

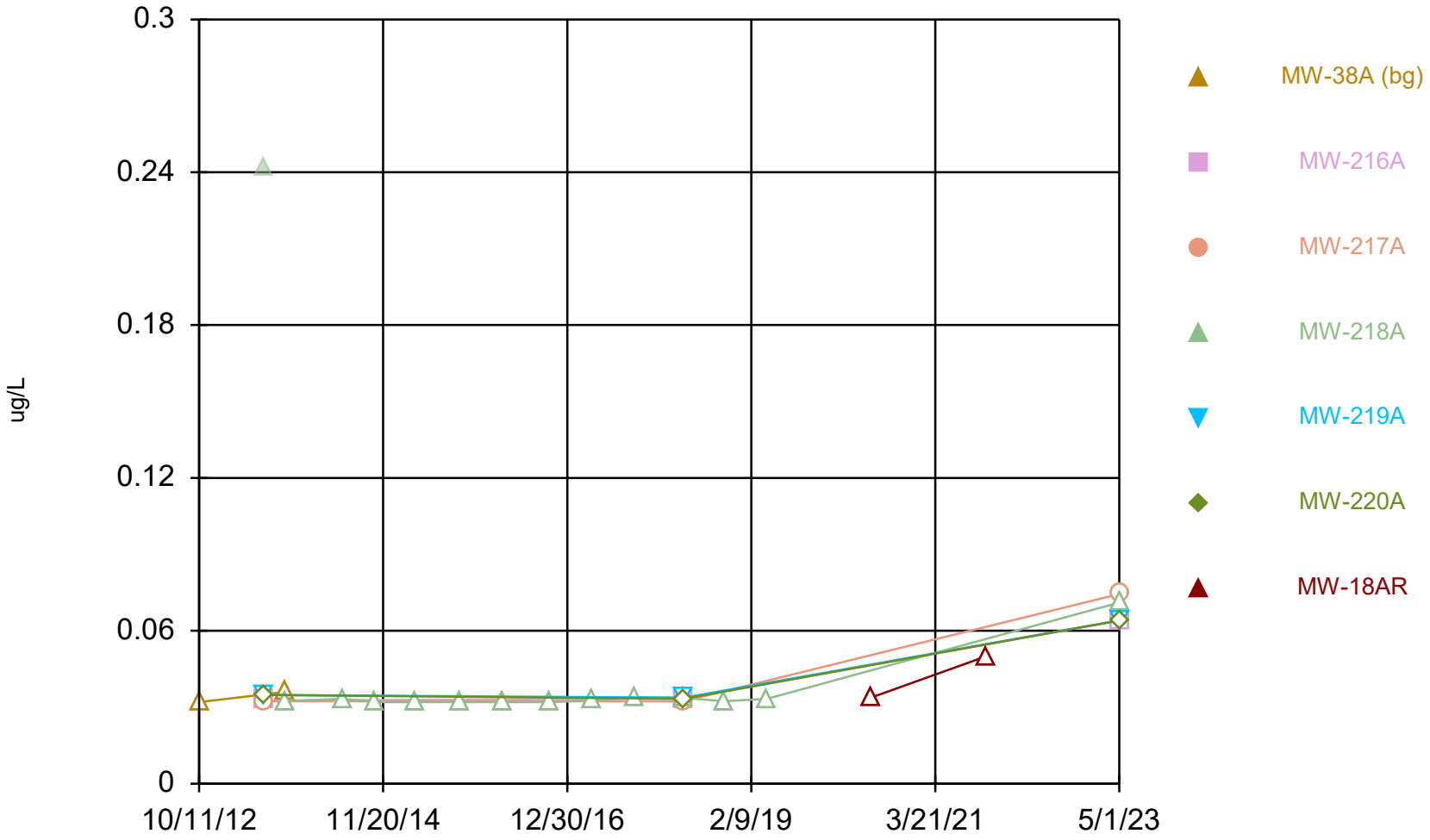


Constituent: Delta-BHC Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

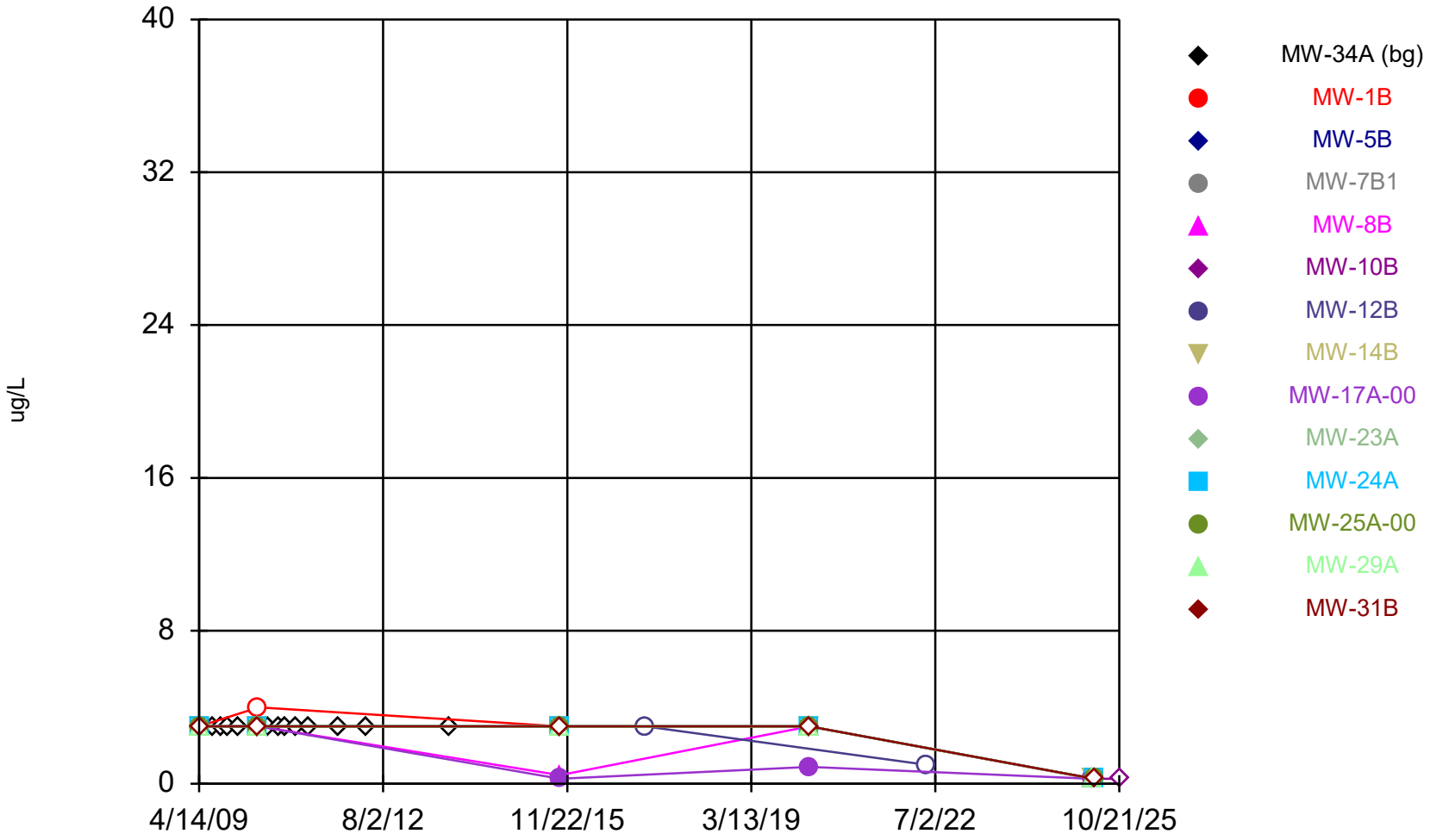


Constituent: Delta-BHC Analysis Run 7/8/2026 9:00 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

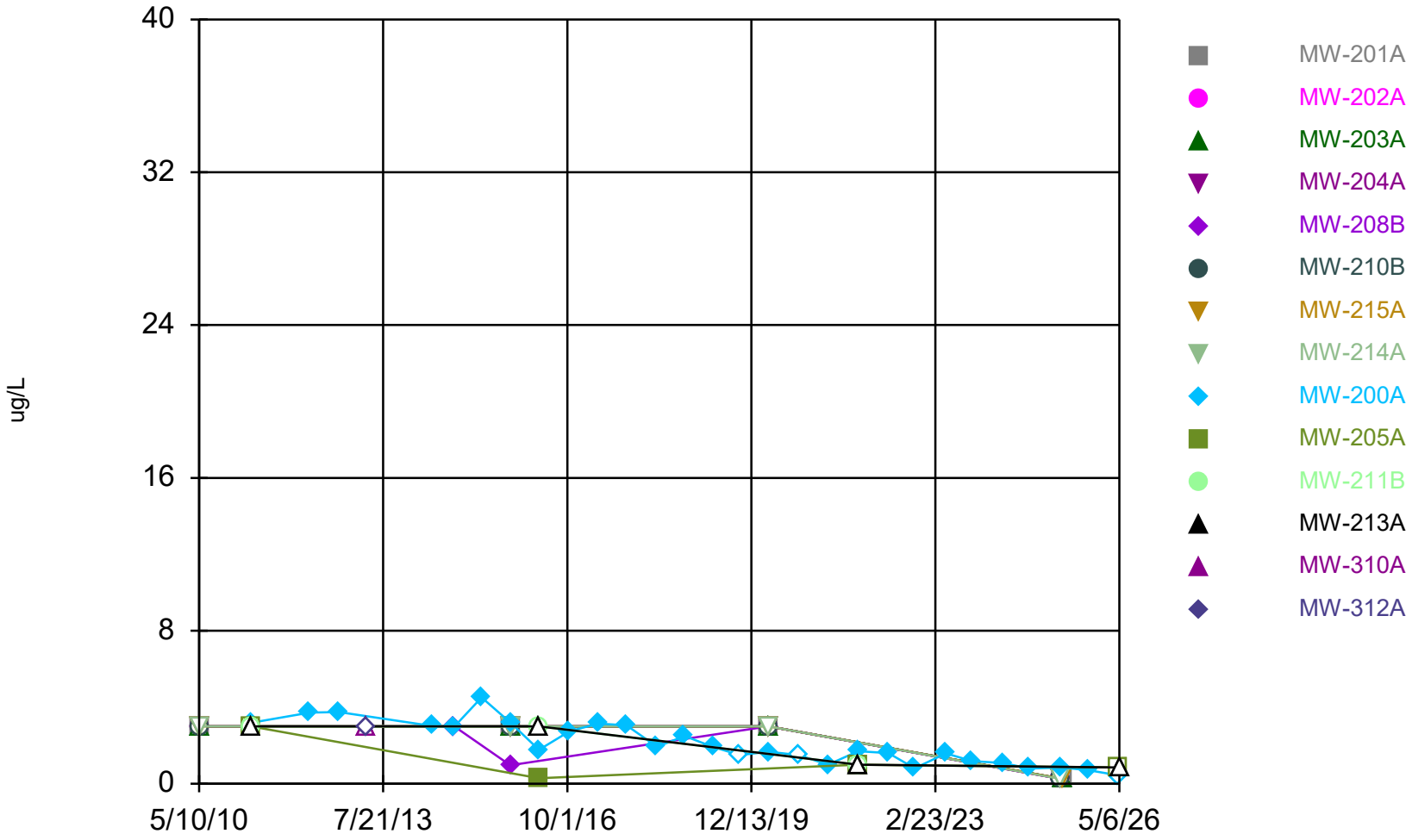


Constituent: Dichlorodifluoromethane Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

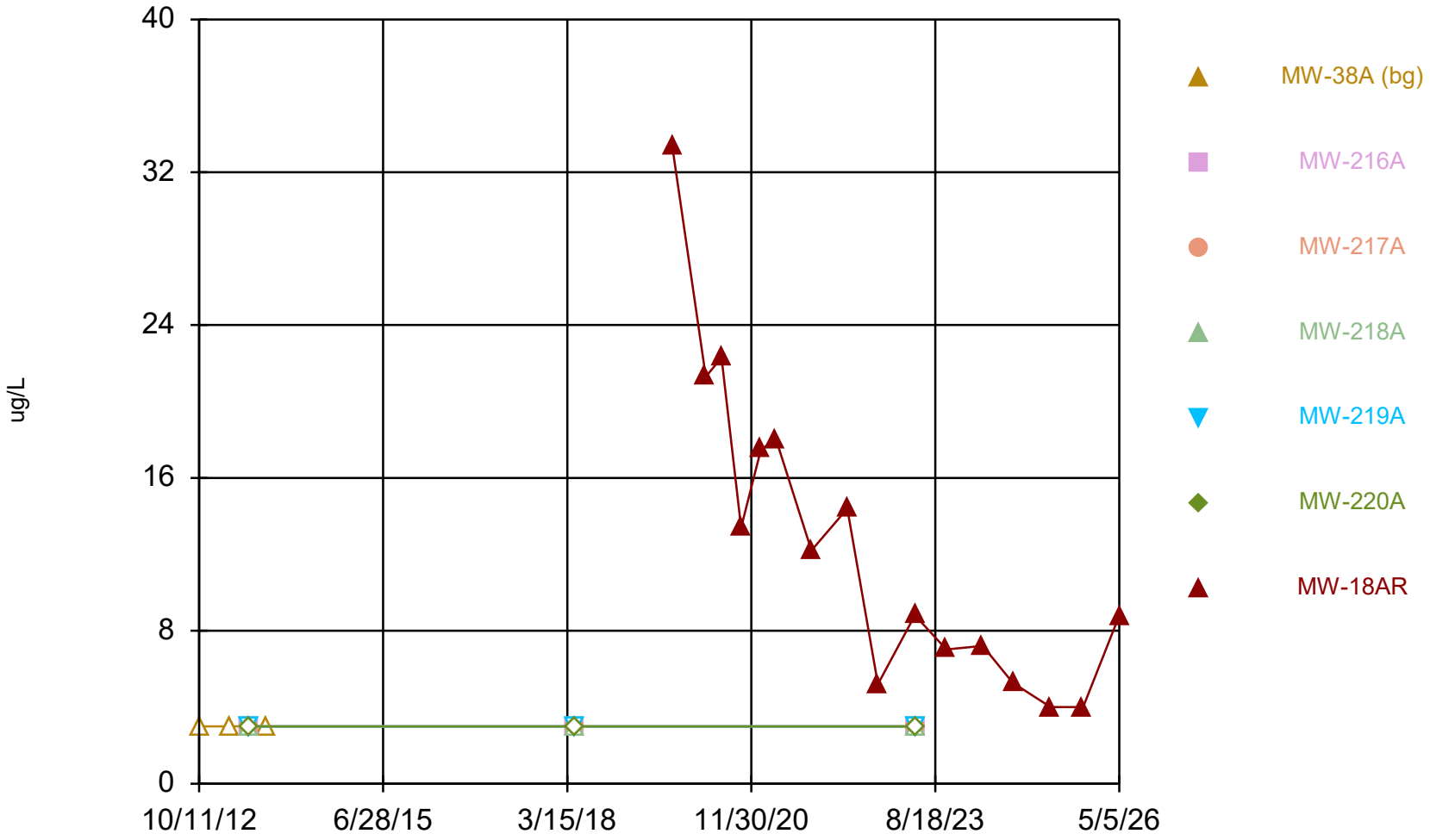


Constituent: Dichlorodifluoromethane Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

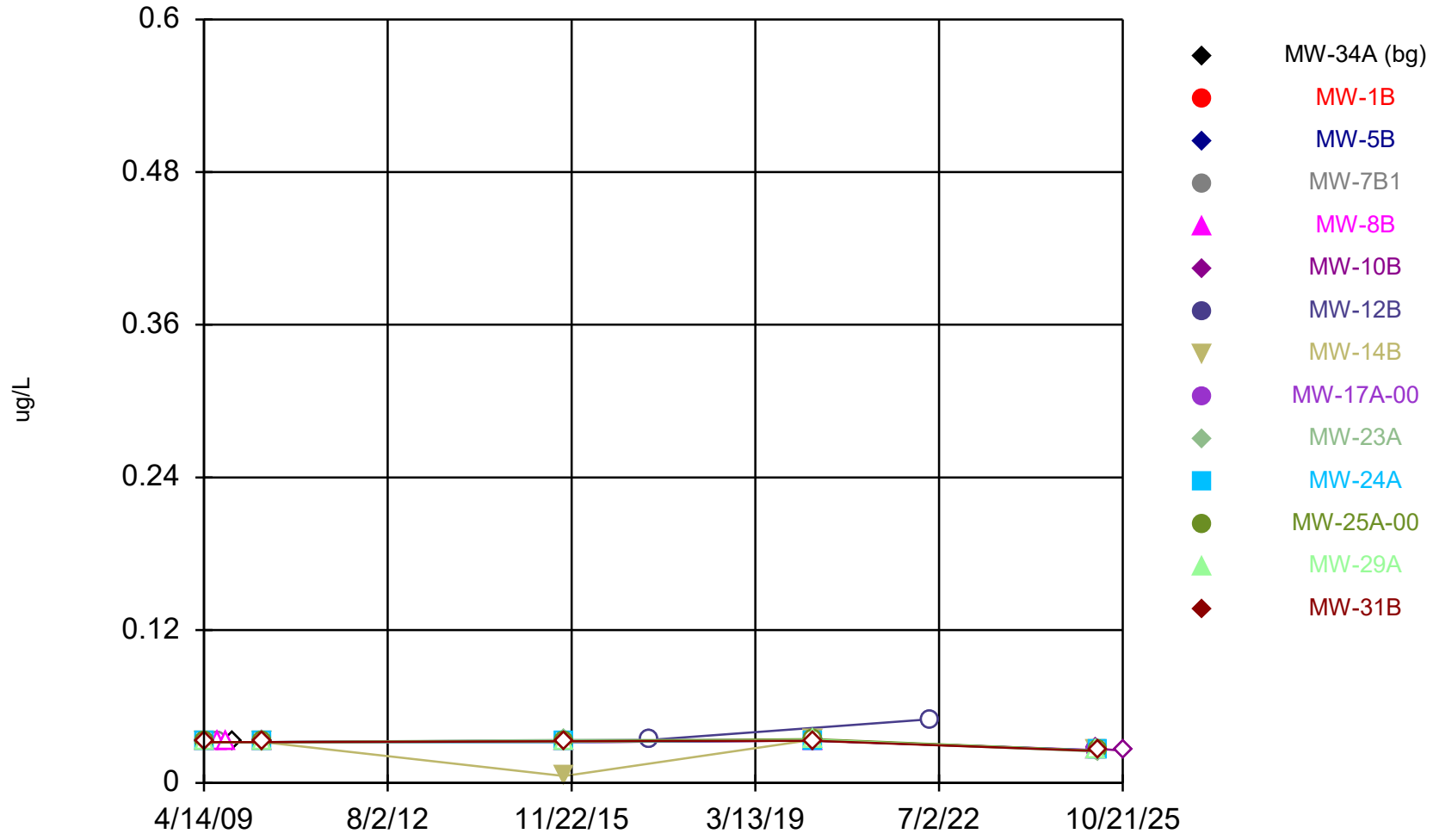


Constituent: Dichlorodifluoromethane Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

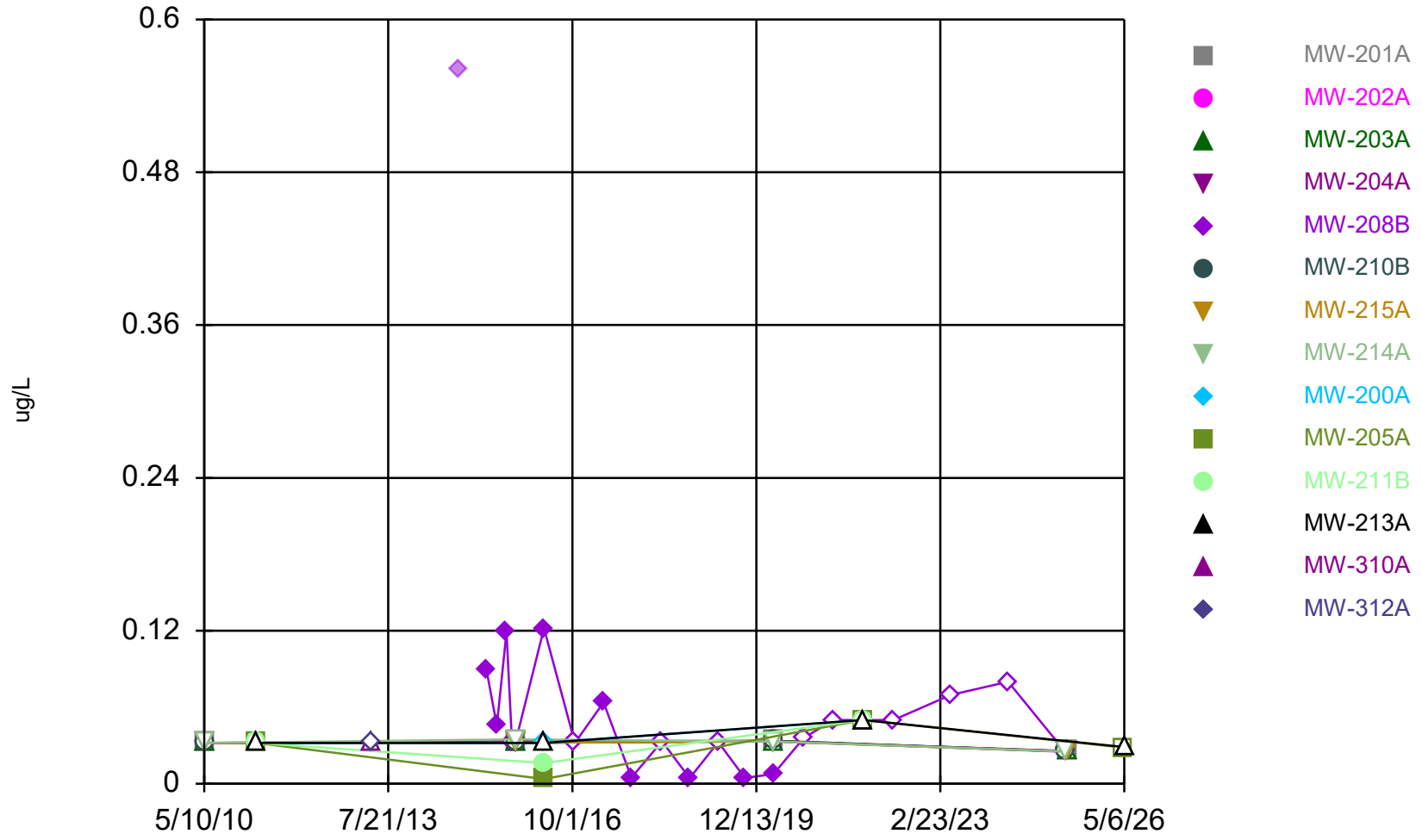


Constituent: Endrin Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

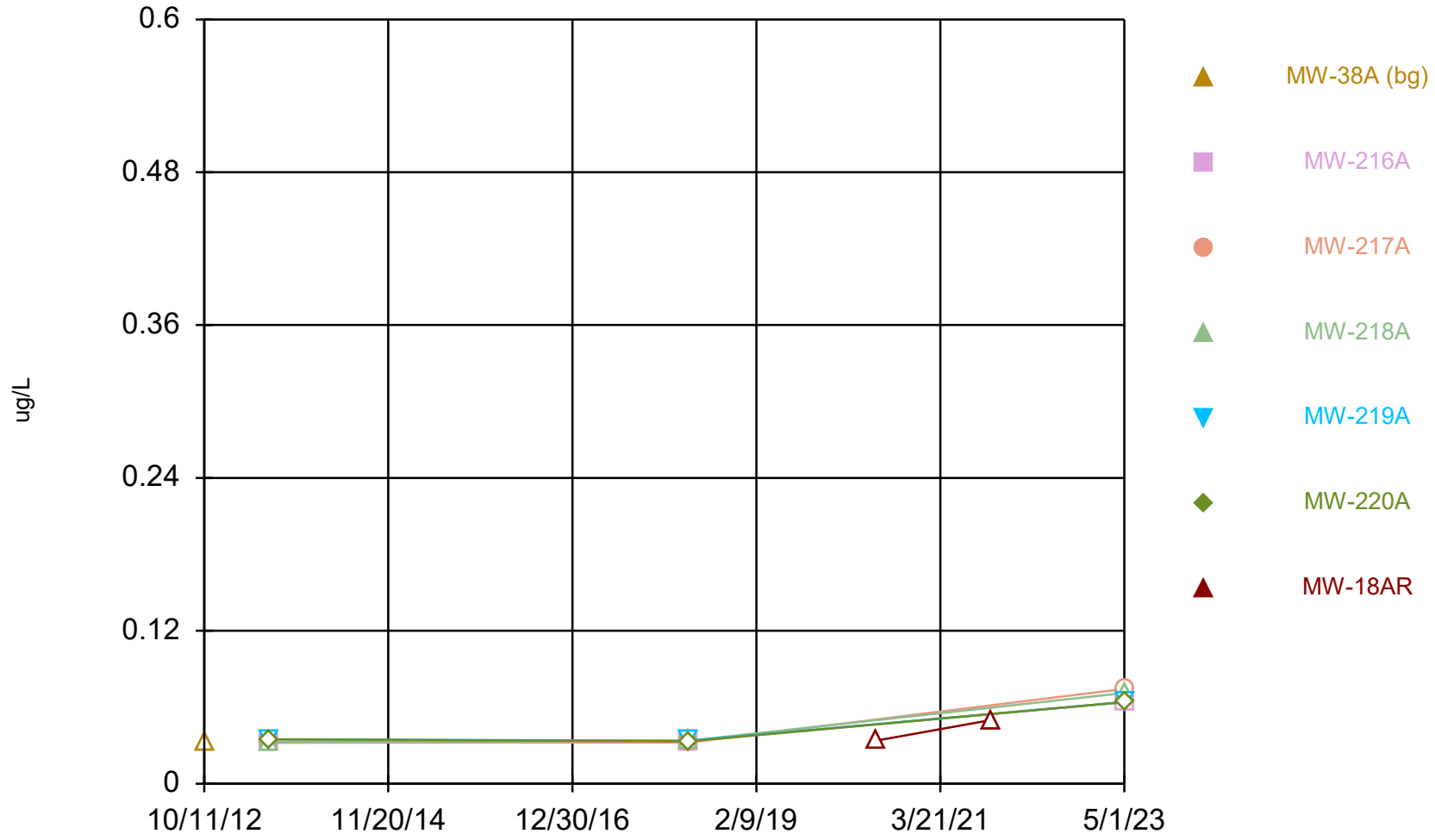


Constituent: Endrin Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

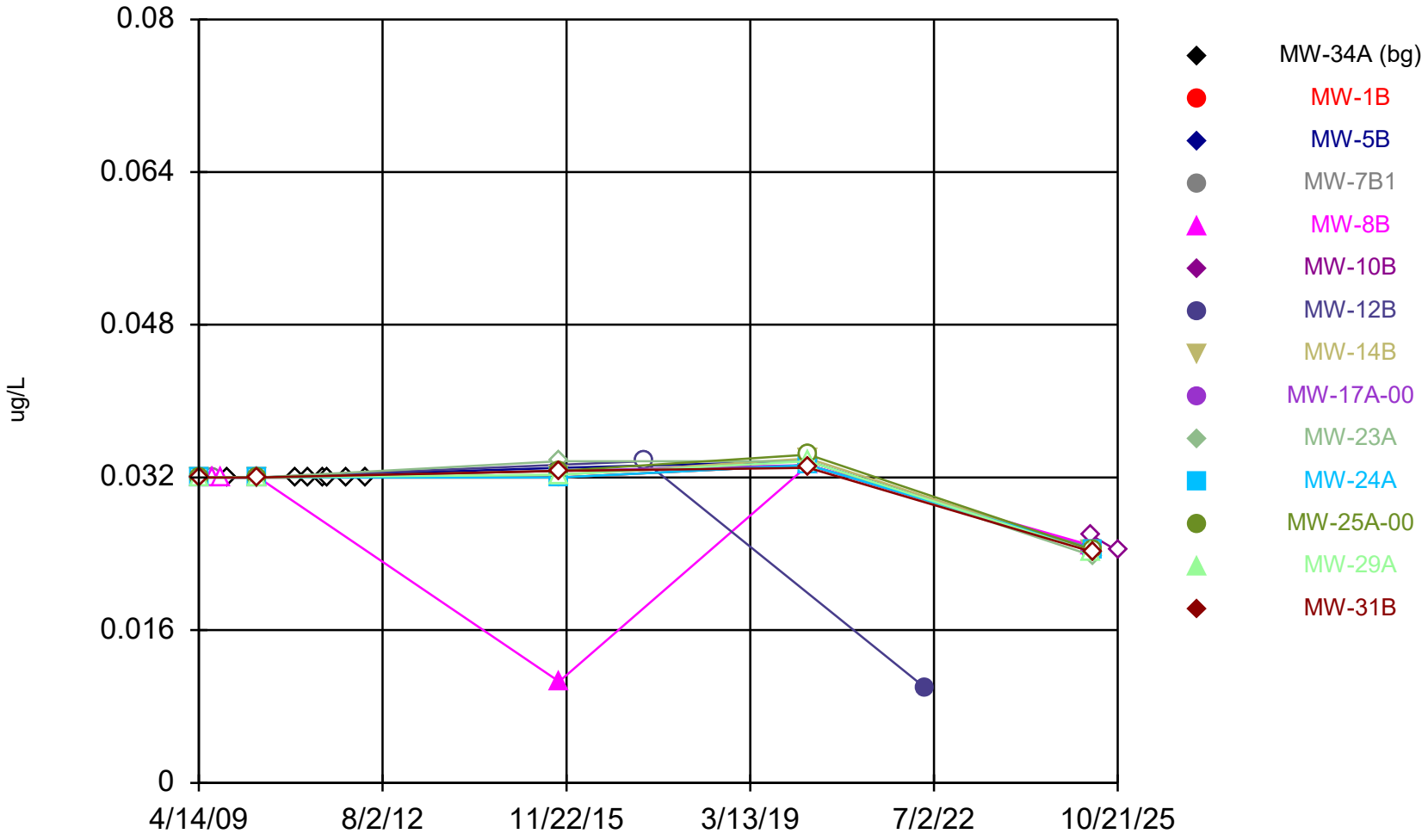


Constituent: Endrin Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

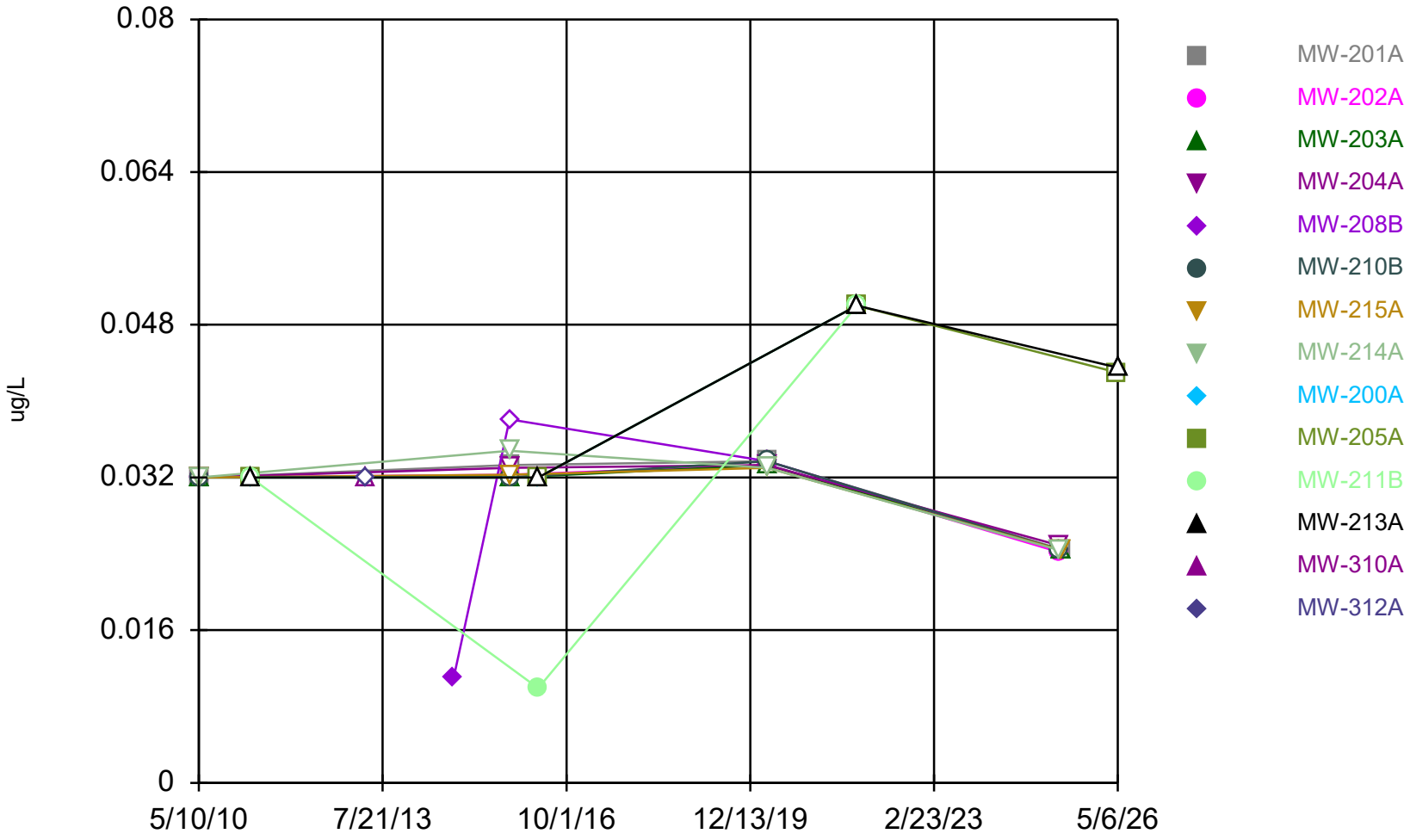


Constituent: Endrin aldehyde Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

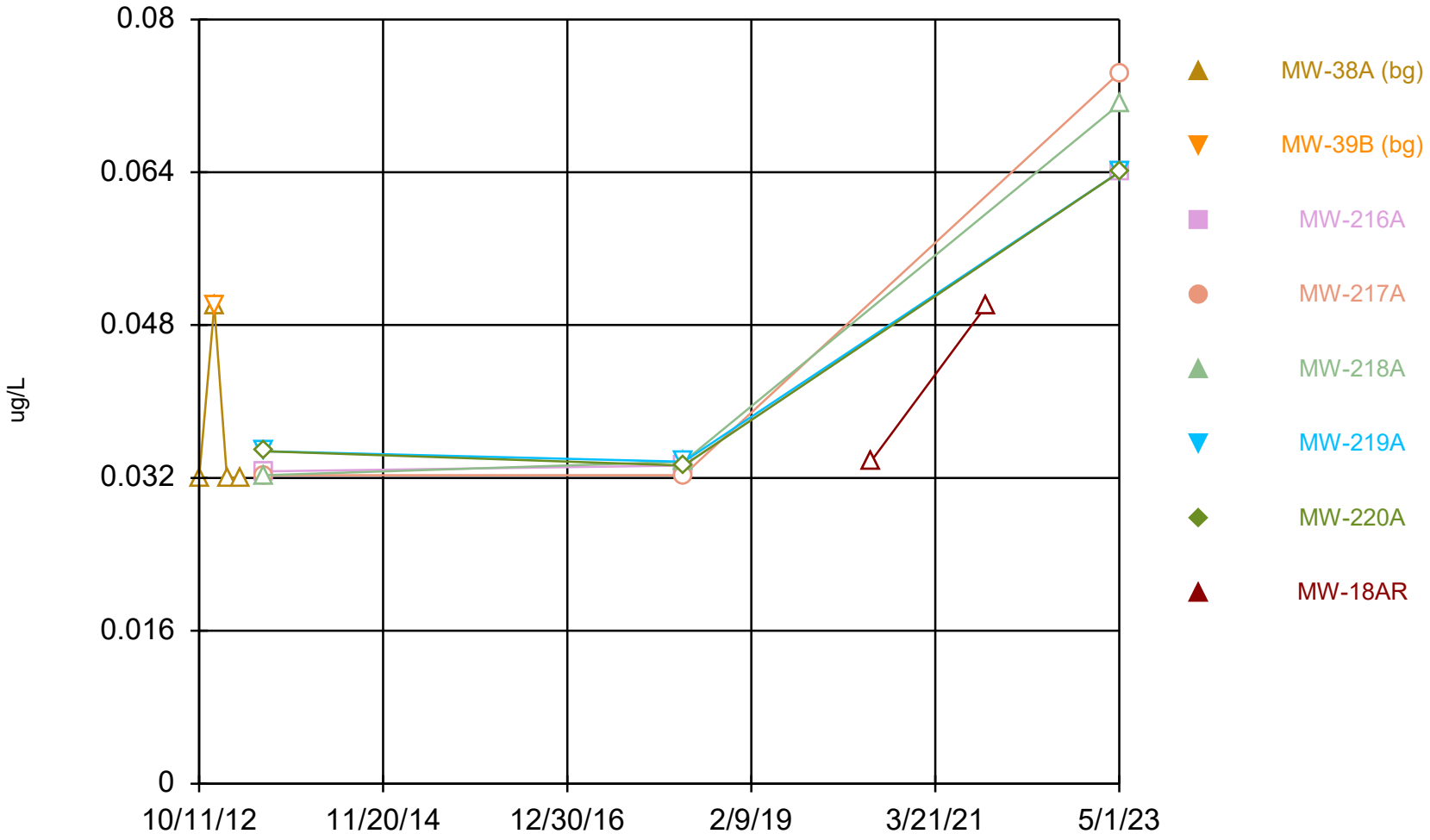


Constituent: Endrin aldehyde Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

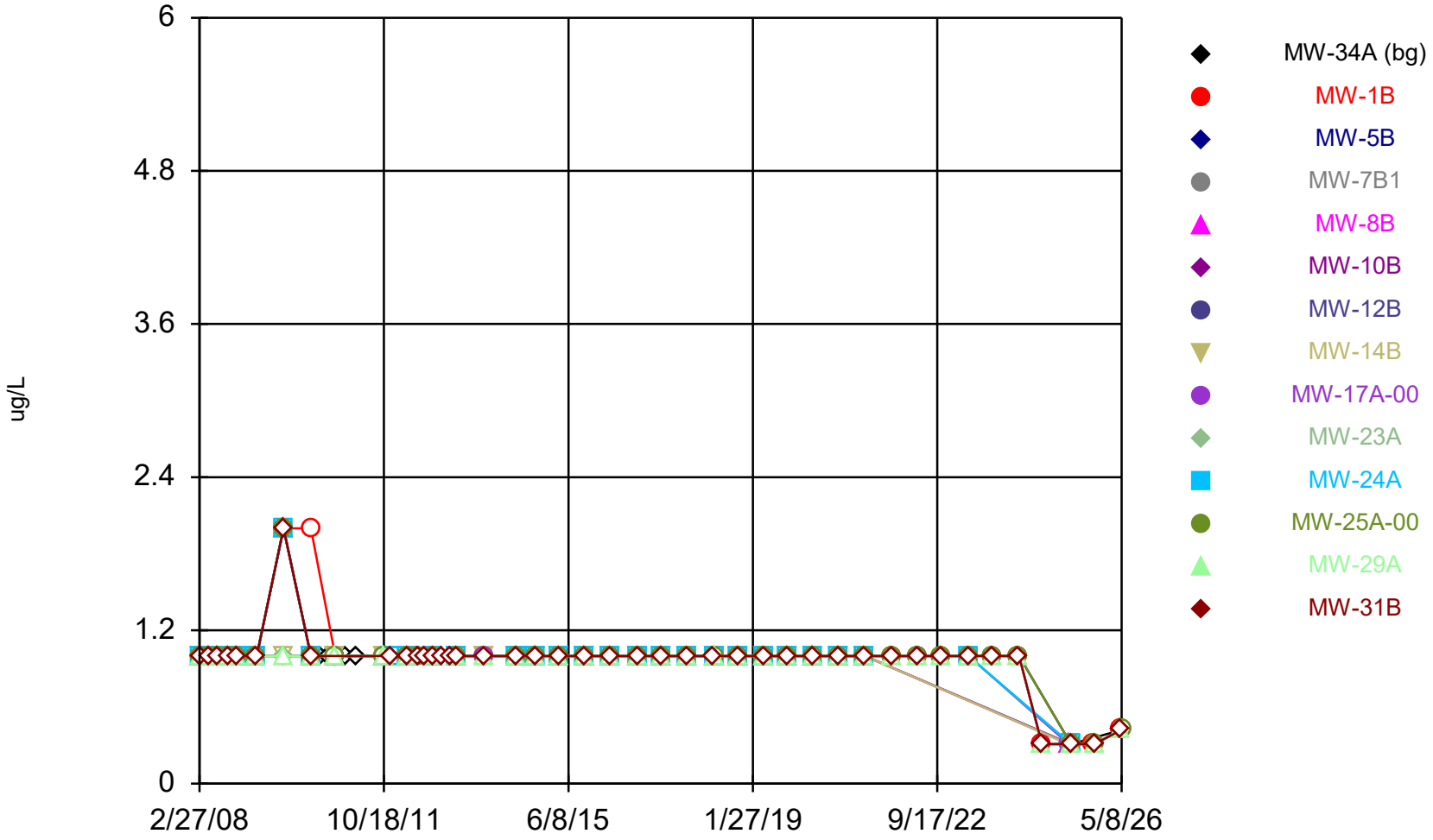


Constituent: Endrin aldehyde Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

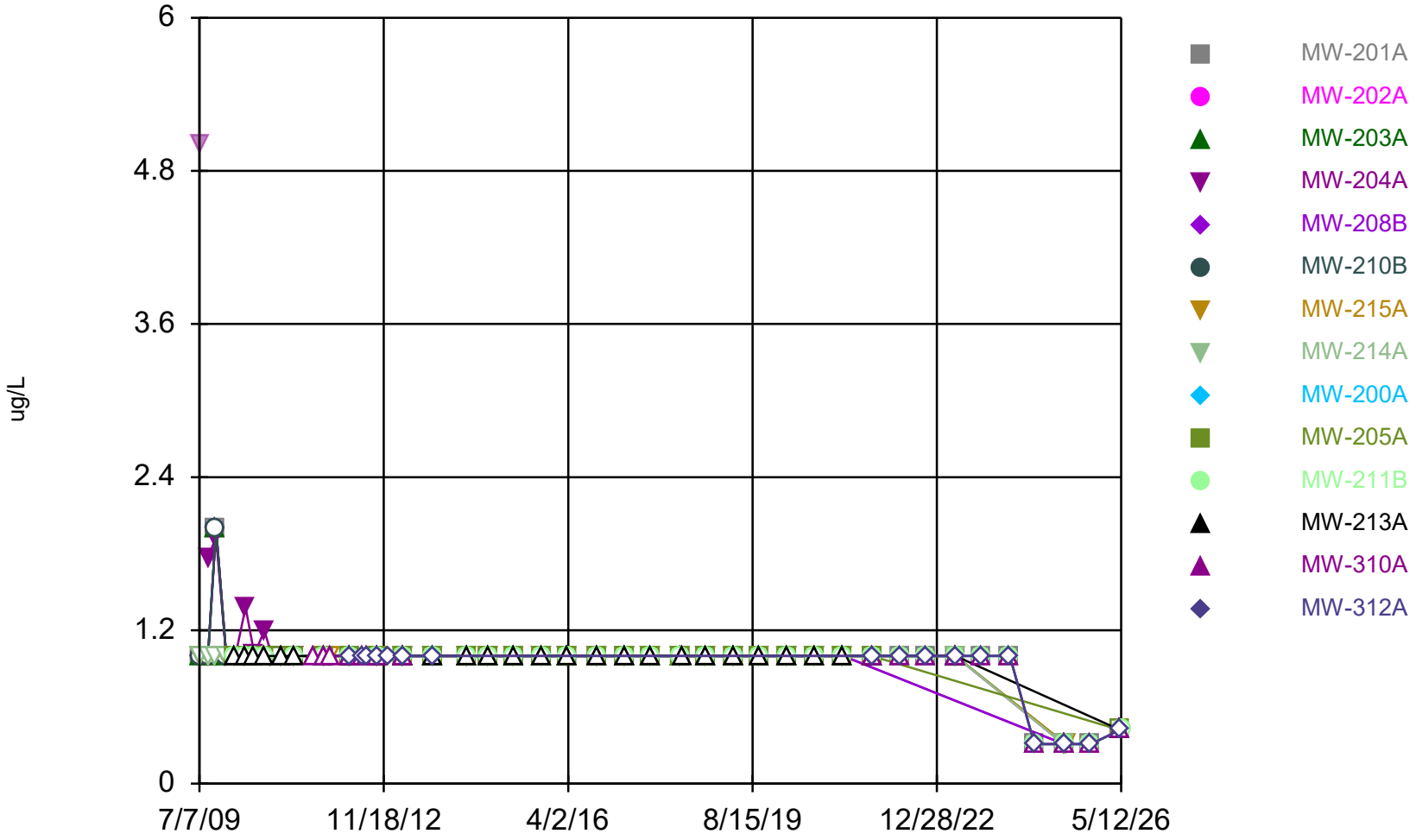


Constituent: Ethylbenzene Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

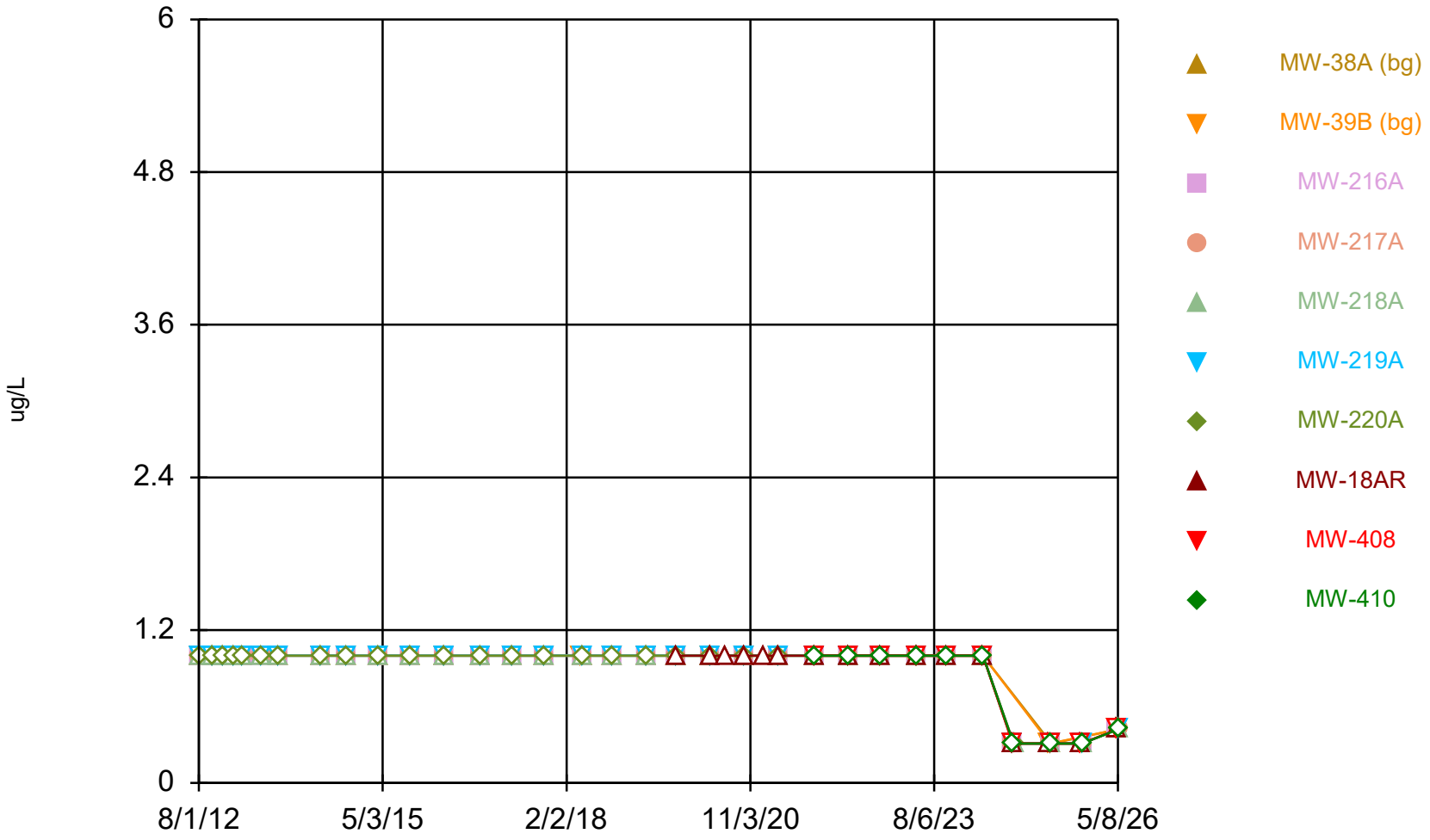


Constituent: Ethylbenzene Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

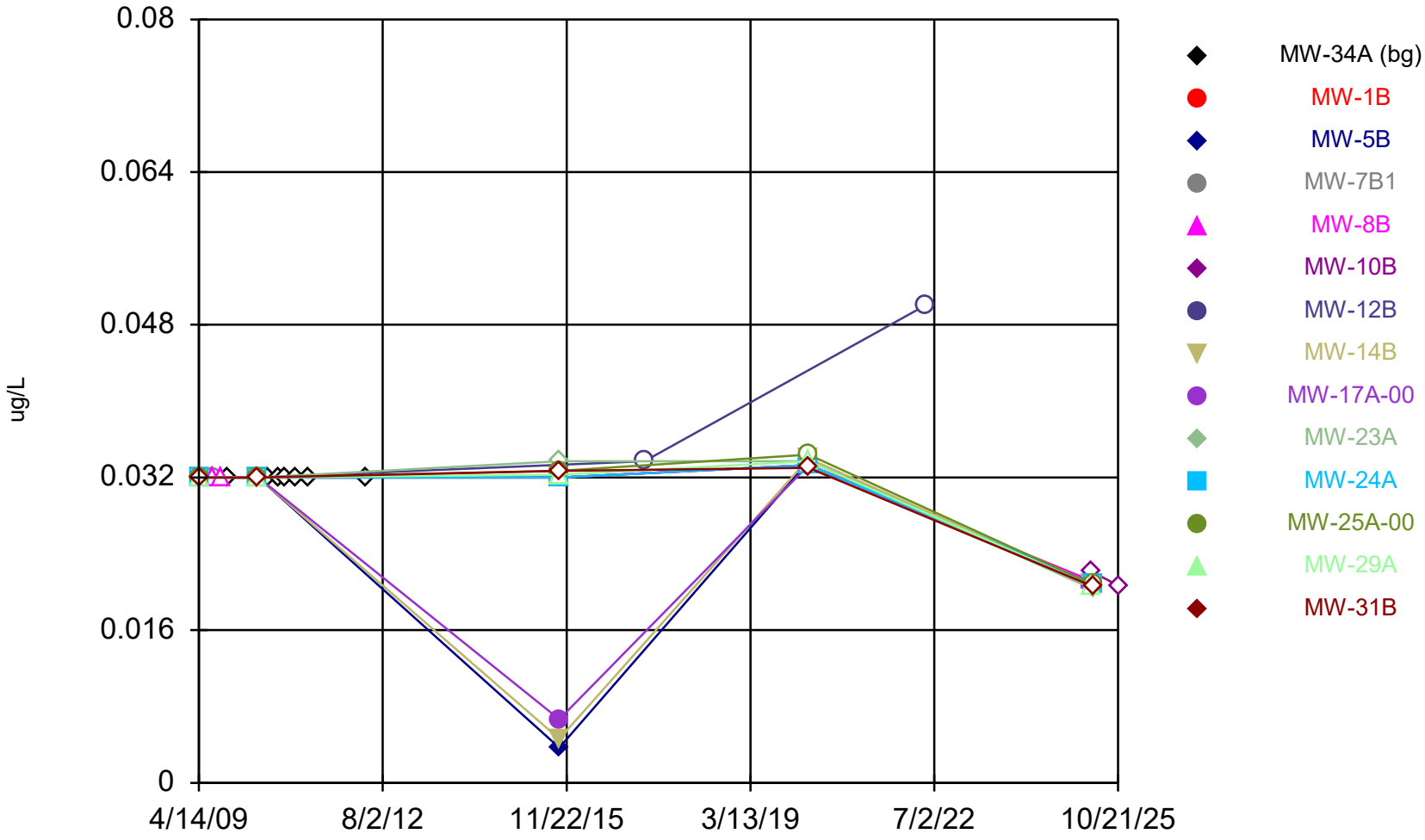


Constituent: Ethylbenzene Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

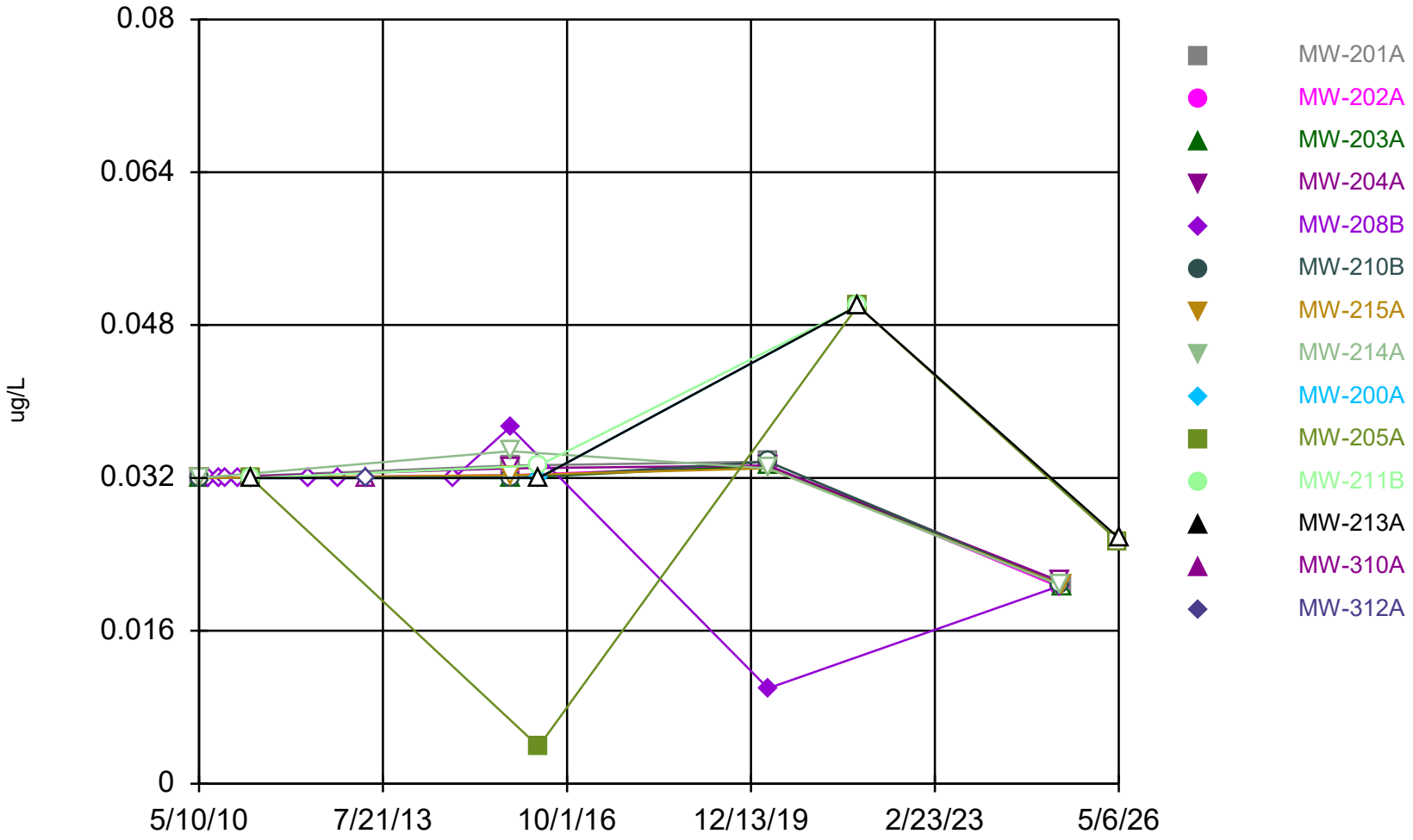


Constituent: Heptachlor Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

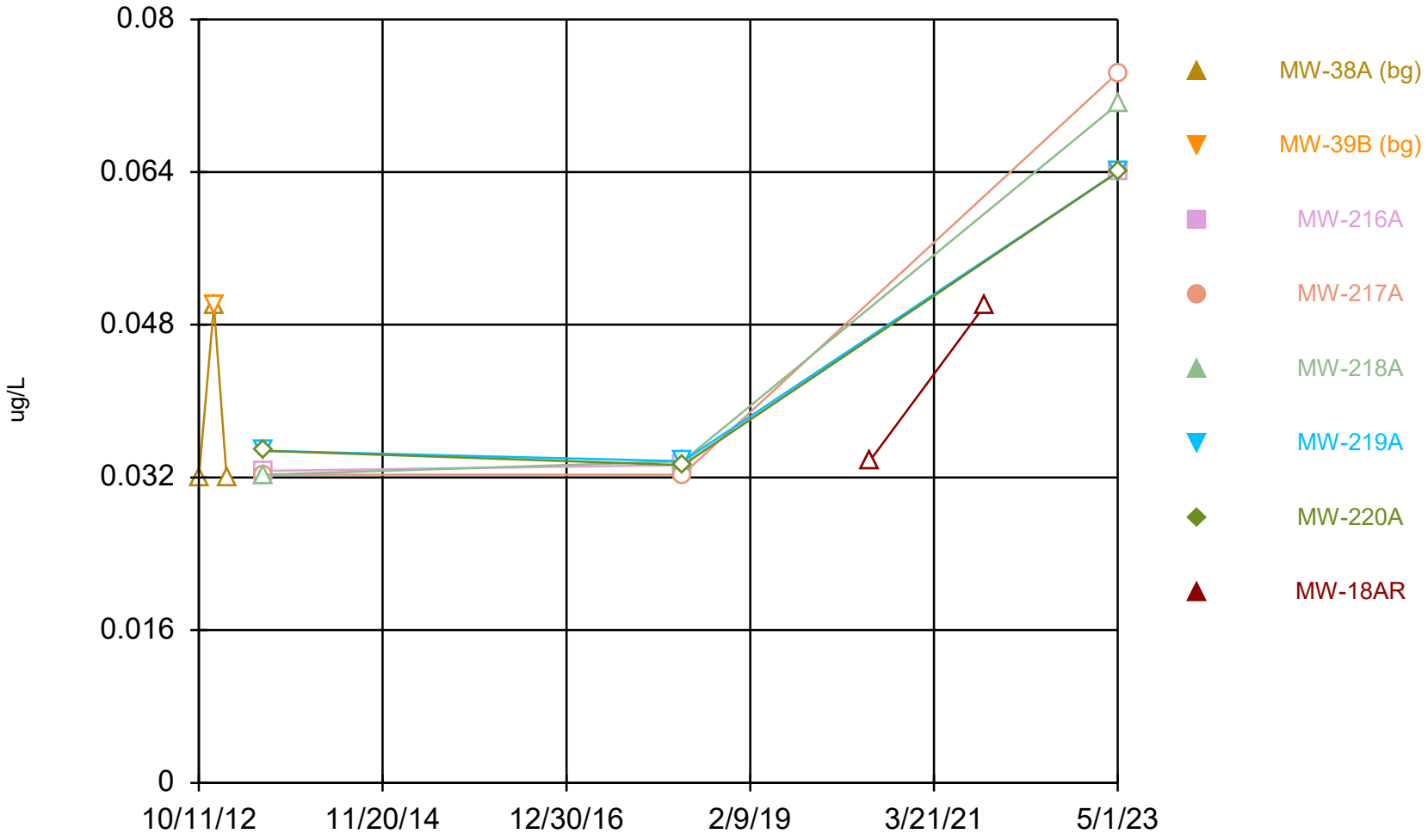


Constituent: Heptachlor Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

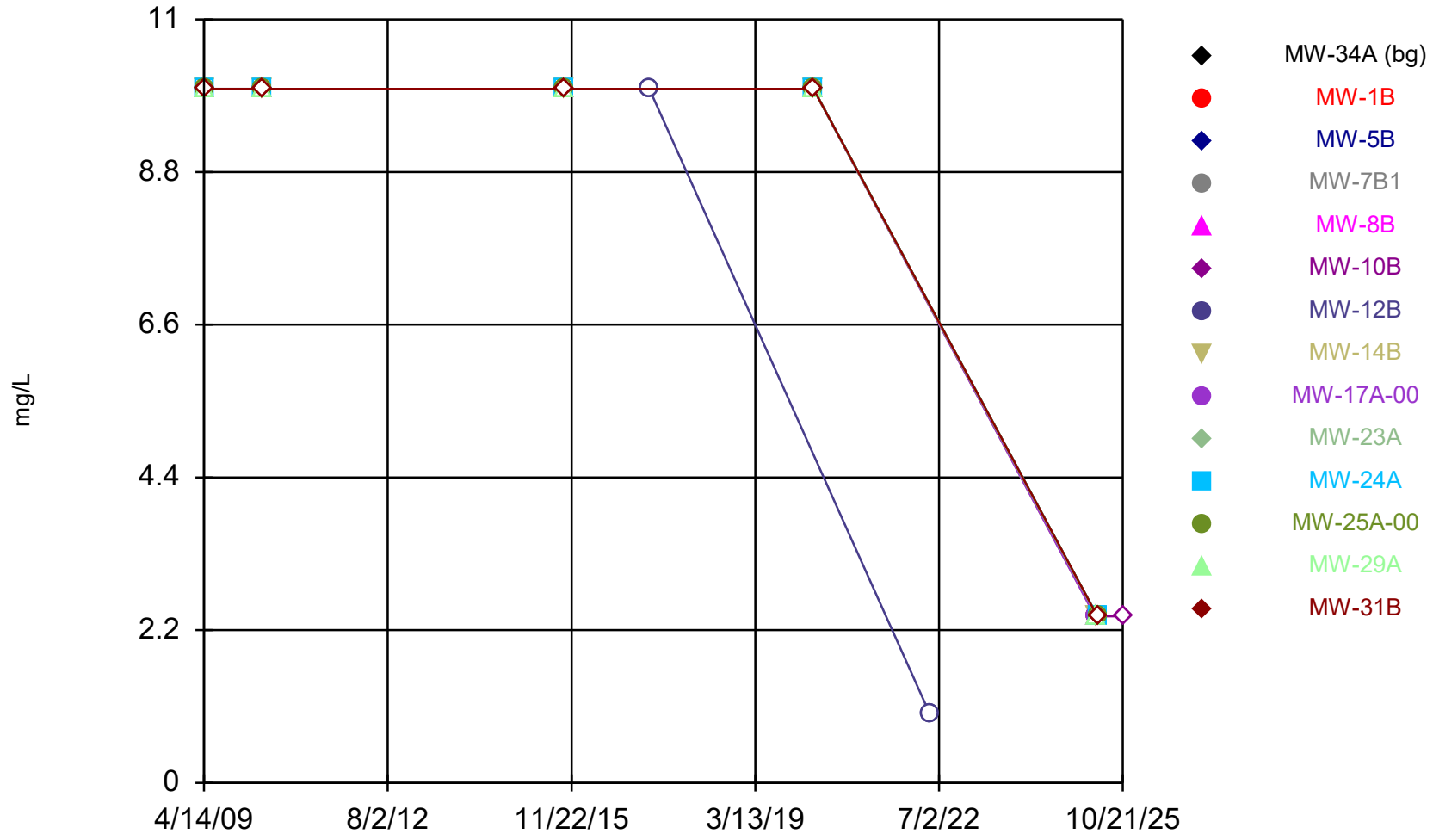


Constituent: Heptachlor Analysis Run 7/8/2026 9:01 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

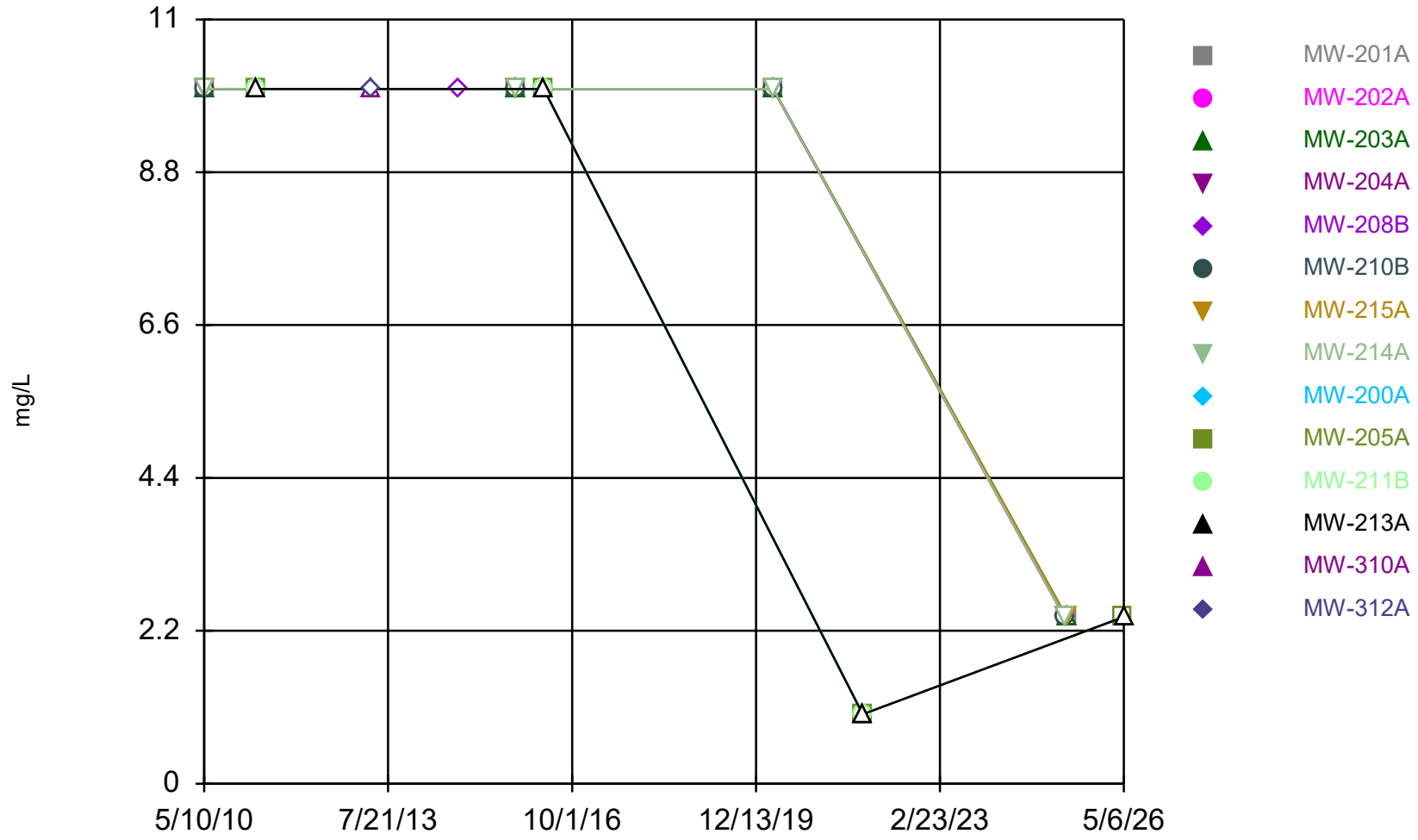


Constituent: Isobutanol Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

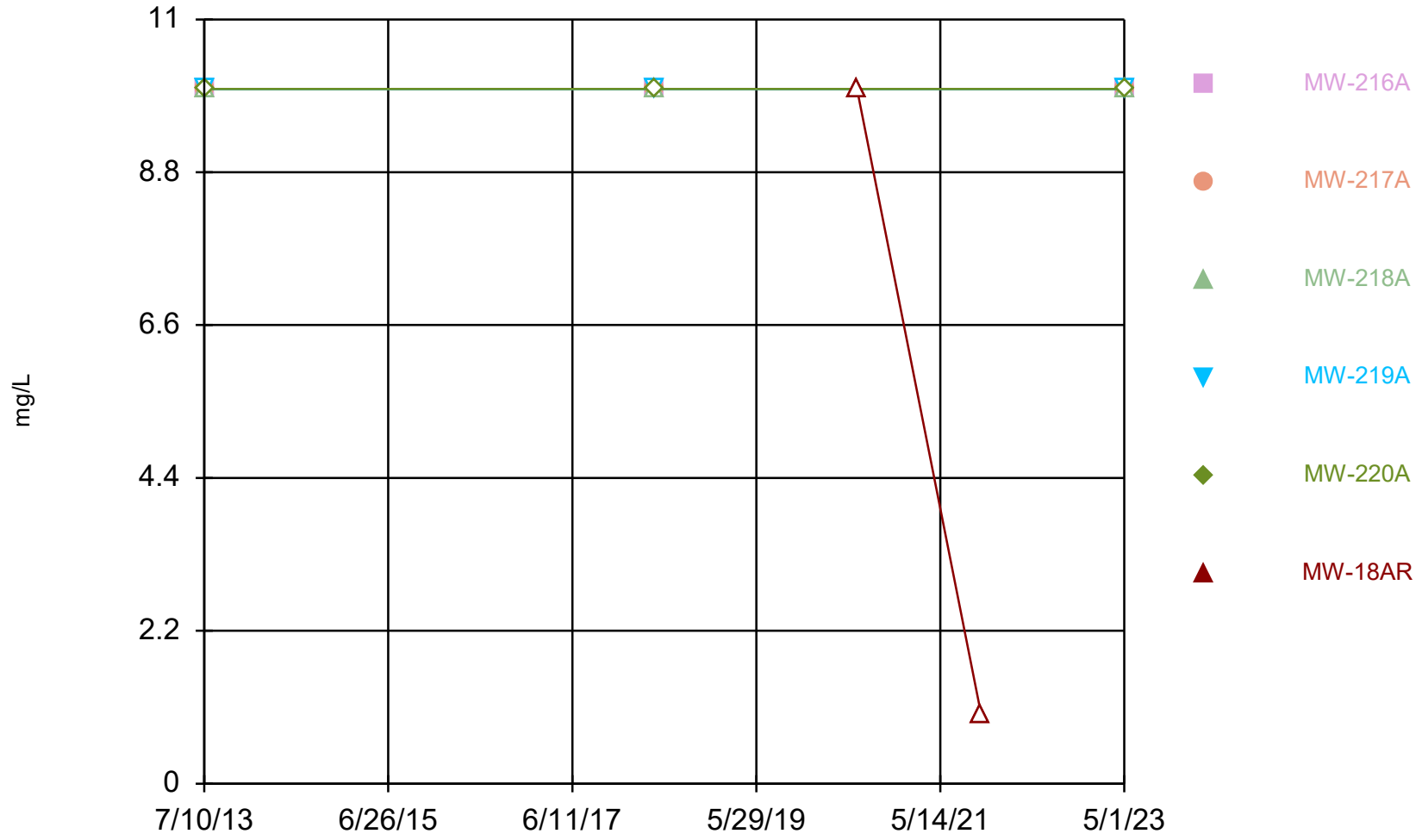


Constituent: Isobutanol Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

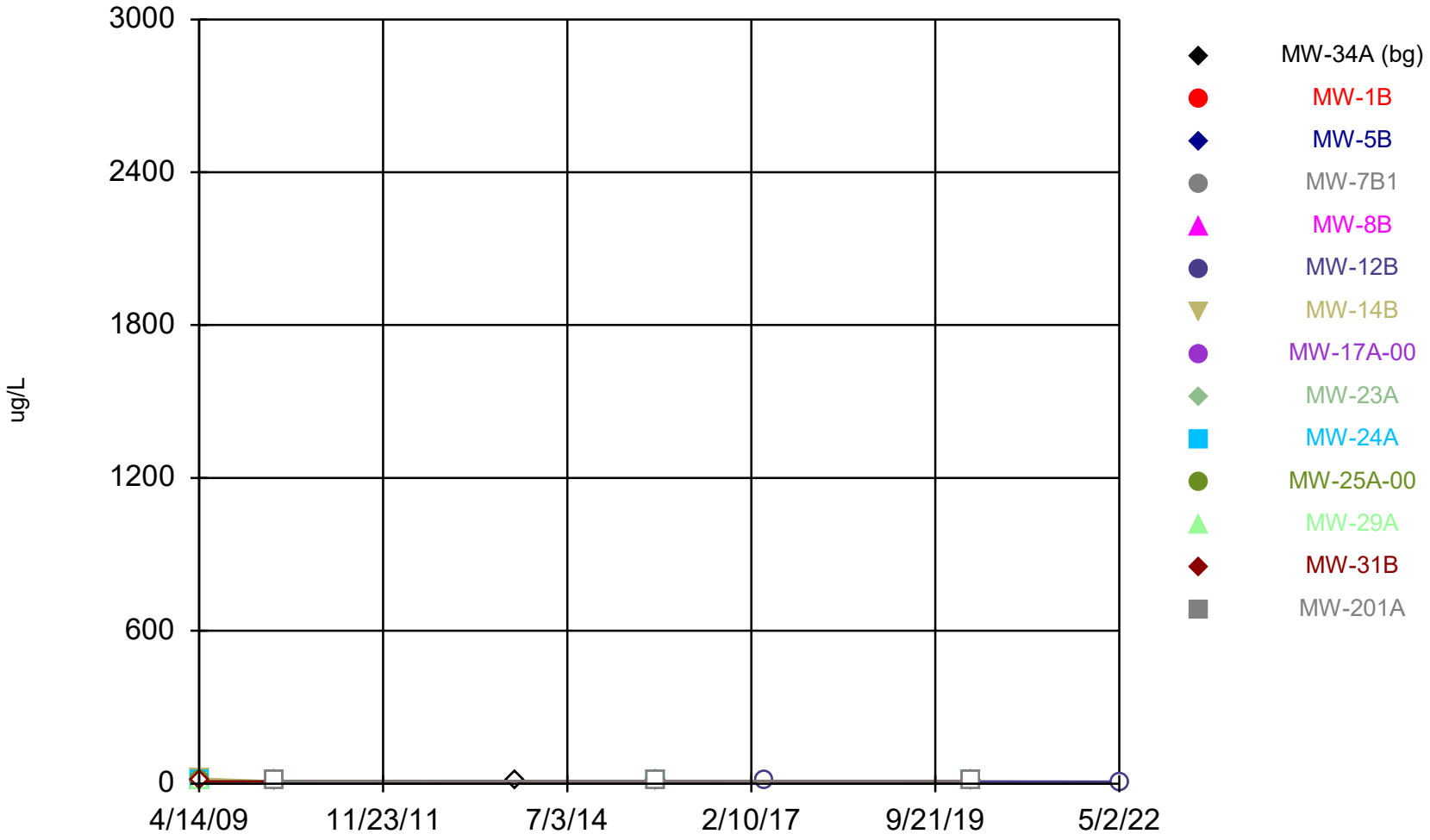


Constituent: Isobutanol Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

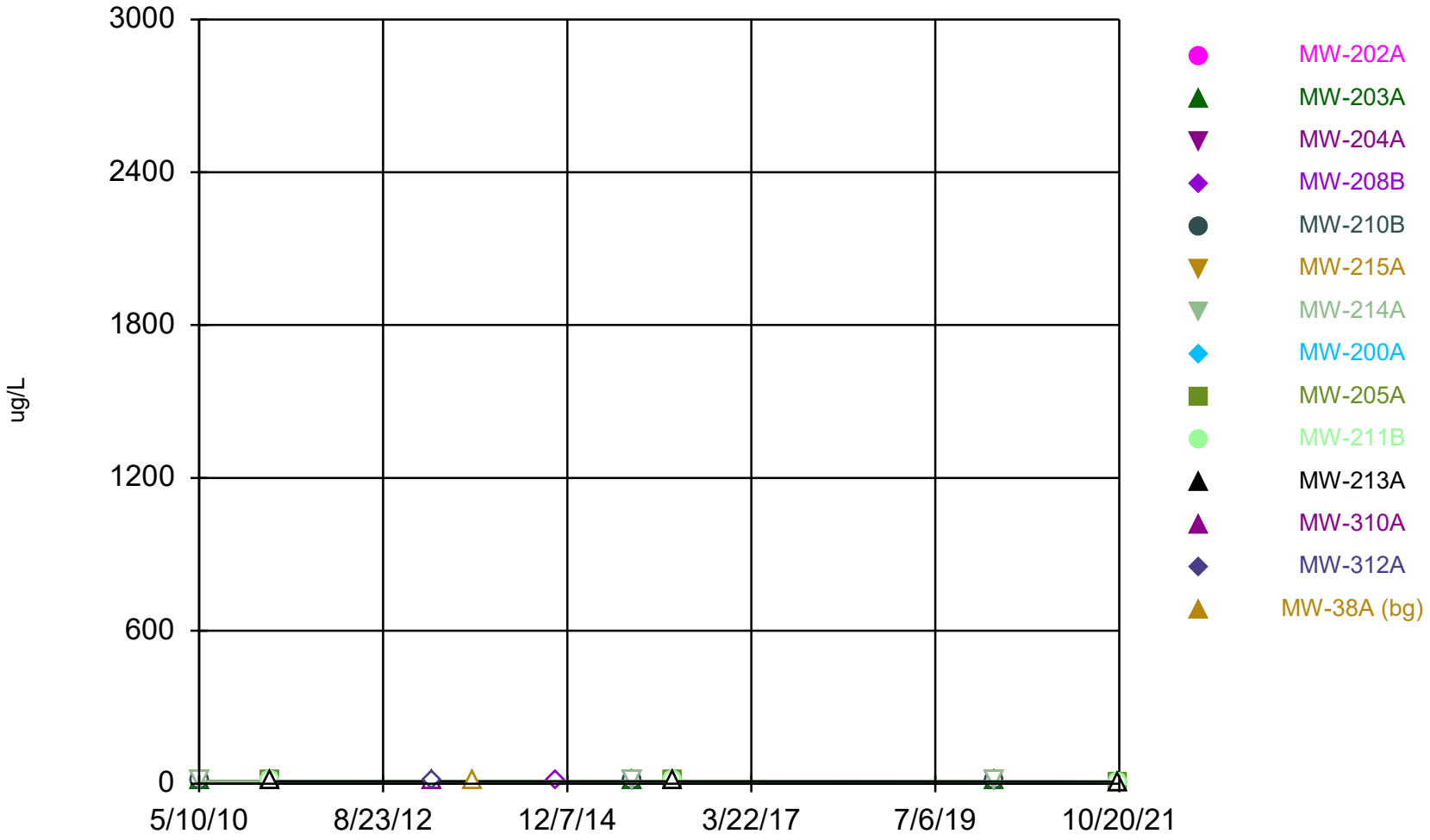


Constituent: m/p-Cresol Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

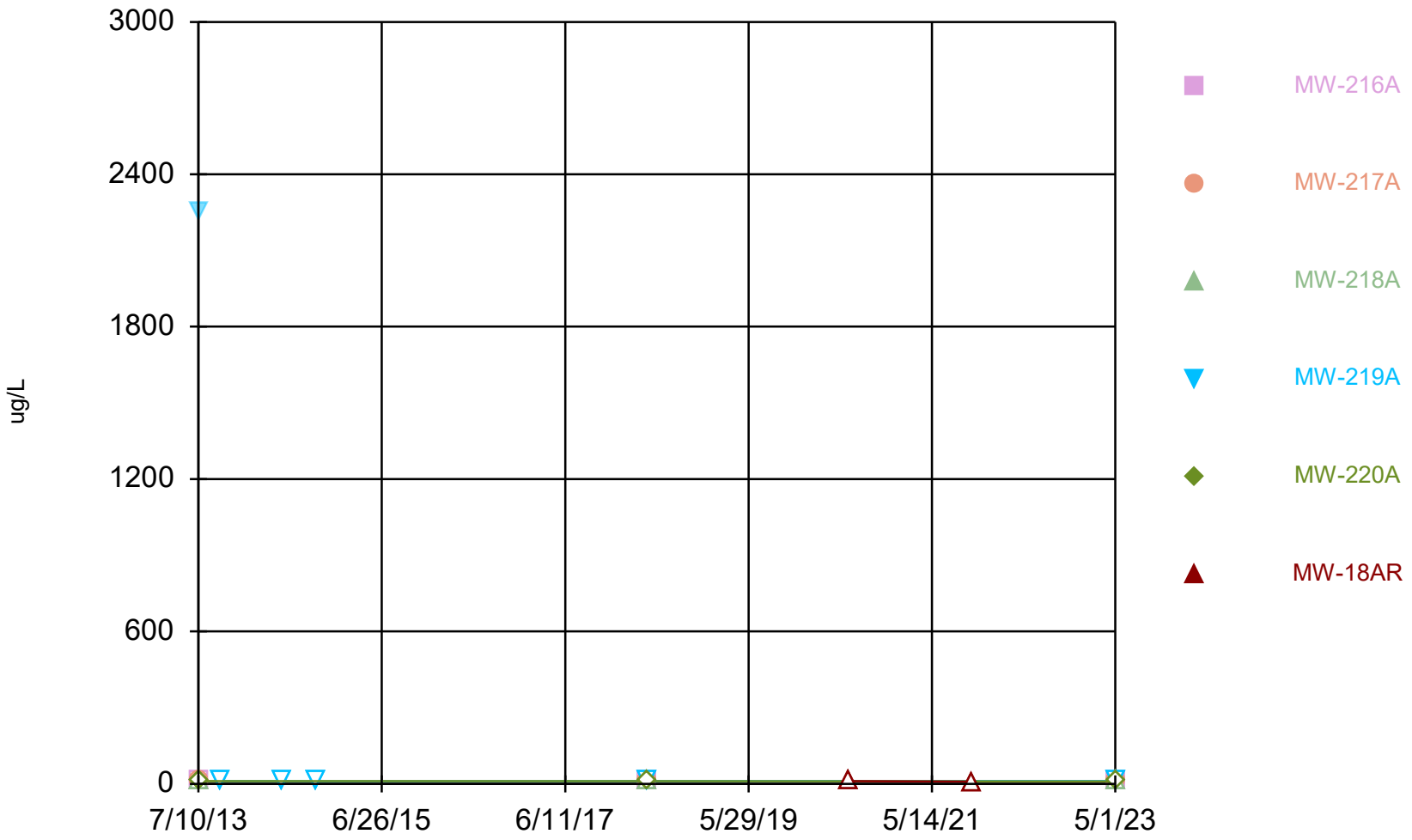


Constituent: m/p-Cresol Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

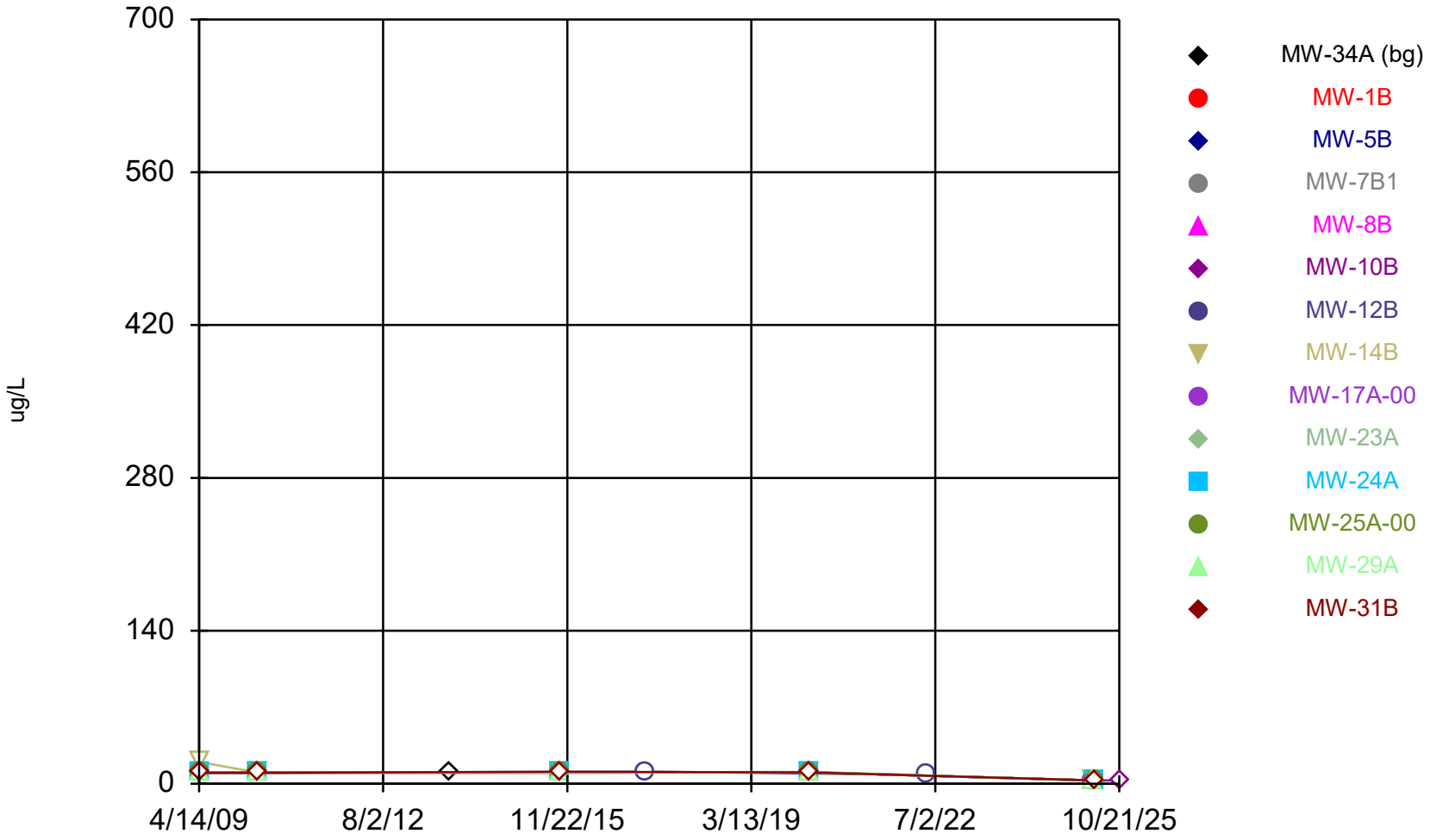


Constituent: m/p-Cresol Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

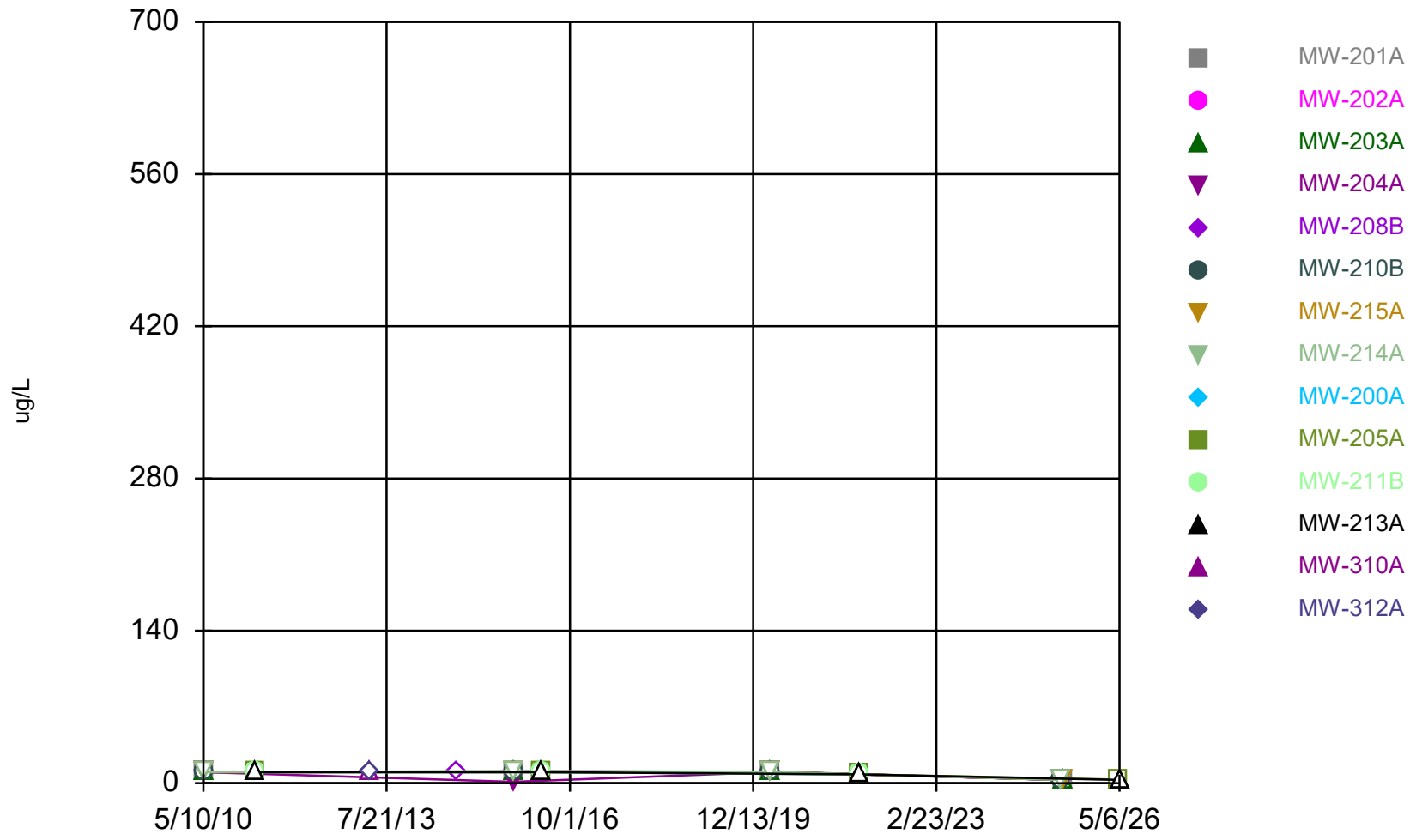


Constituent: O-Toluidine Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

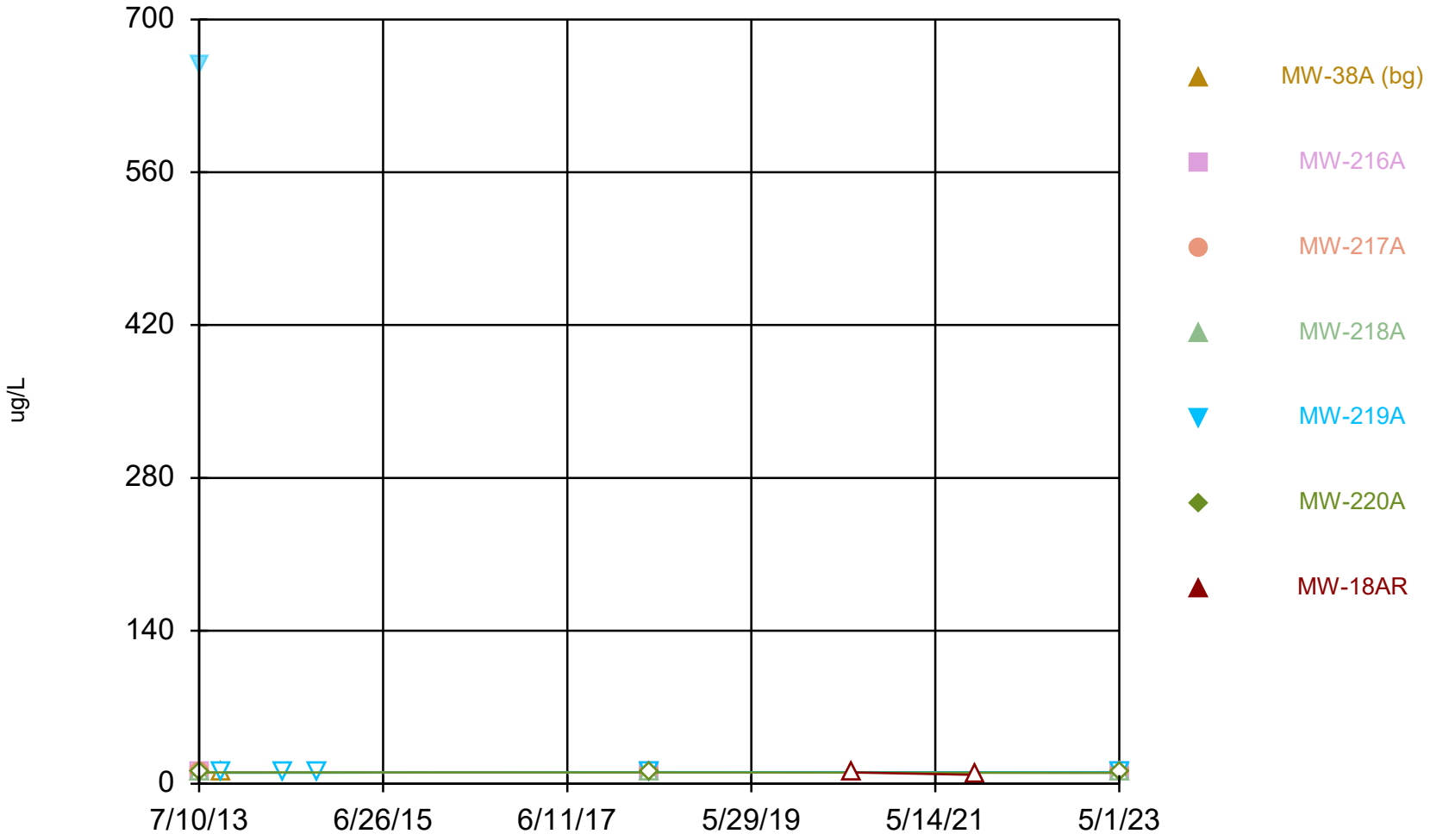


Constituent: O-Toluidine Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

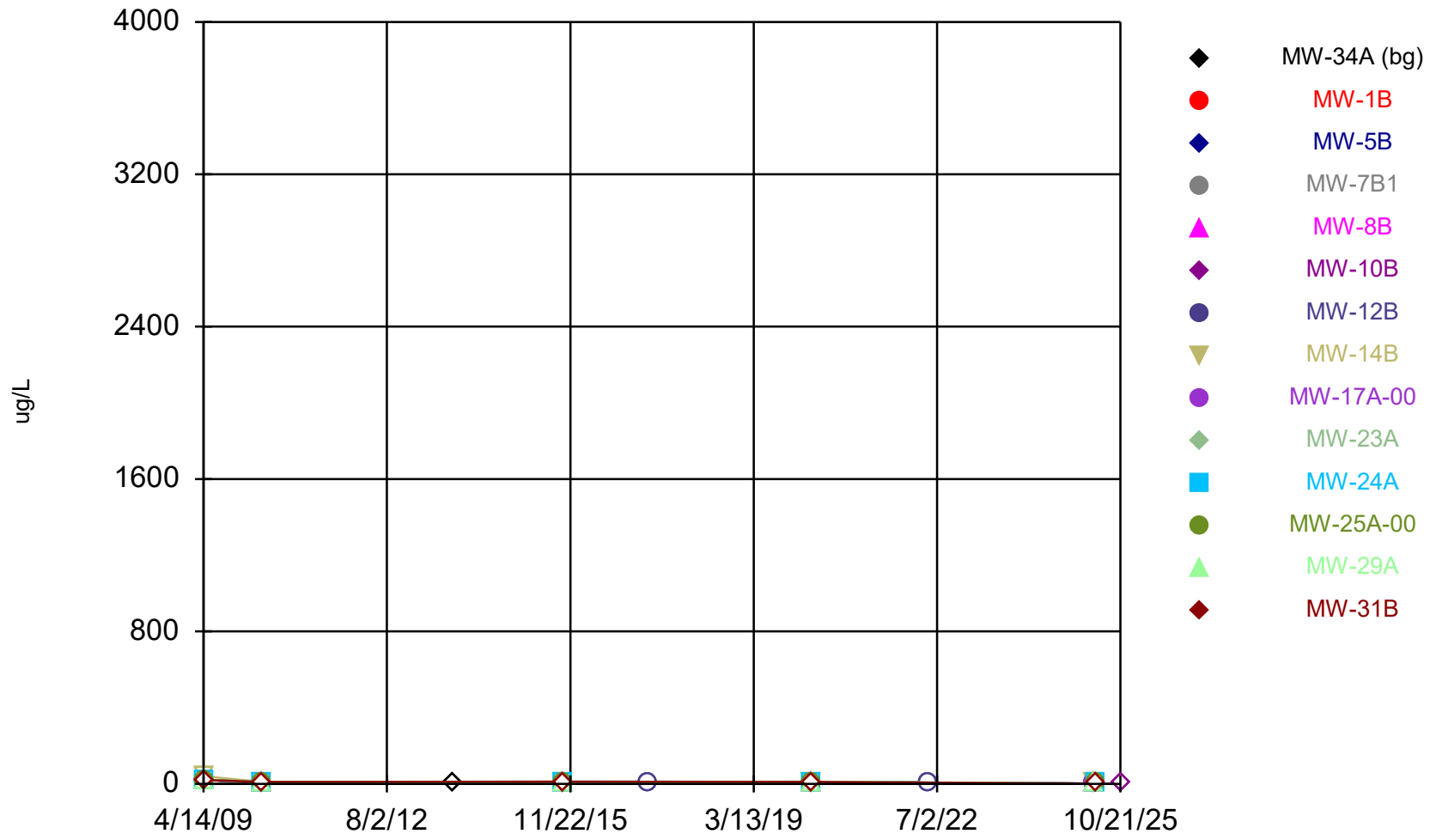


Constituent: O-Toluidine Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

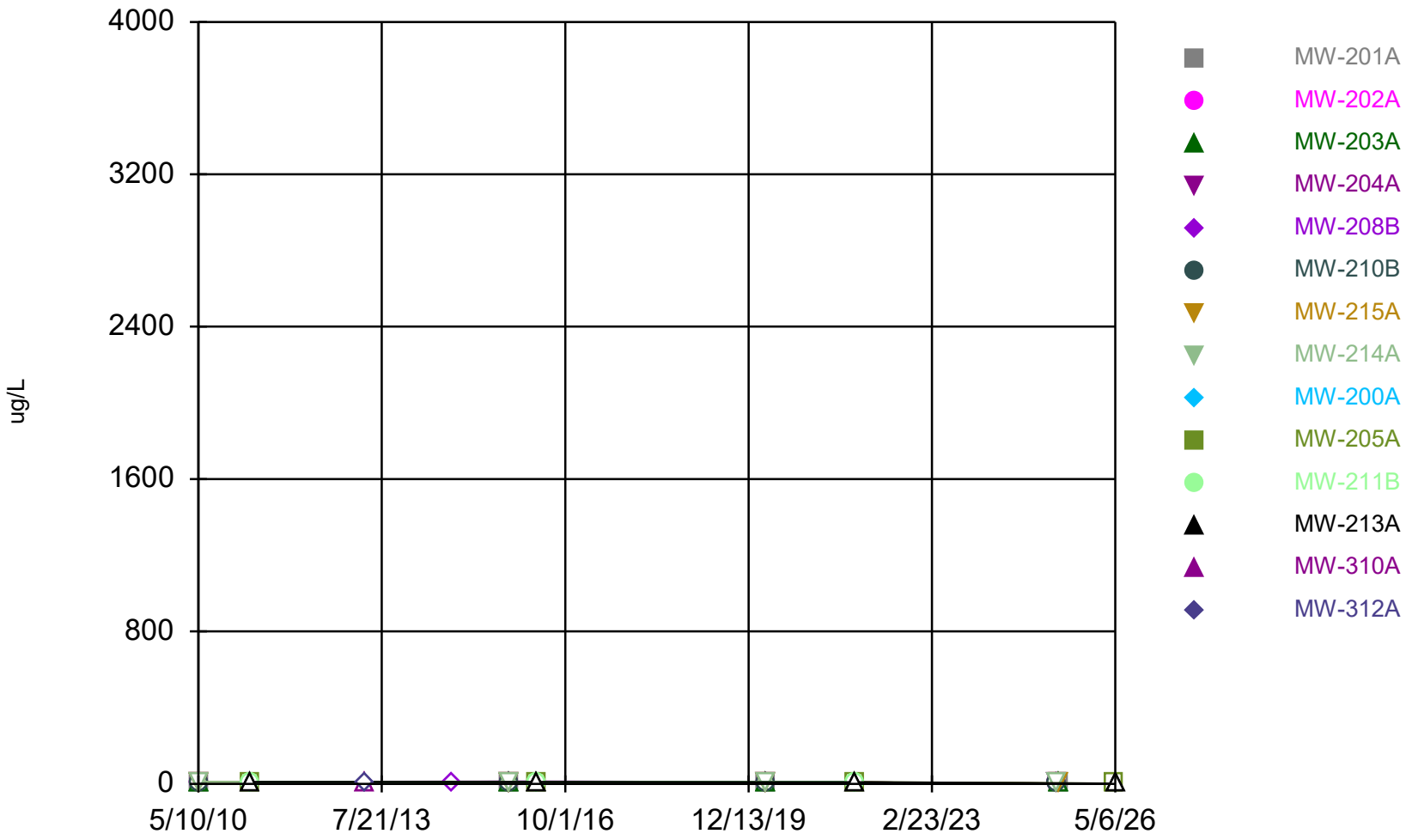


Constituent: Phenol Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

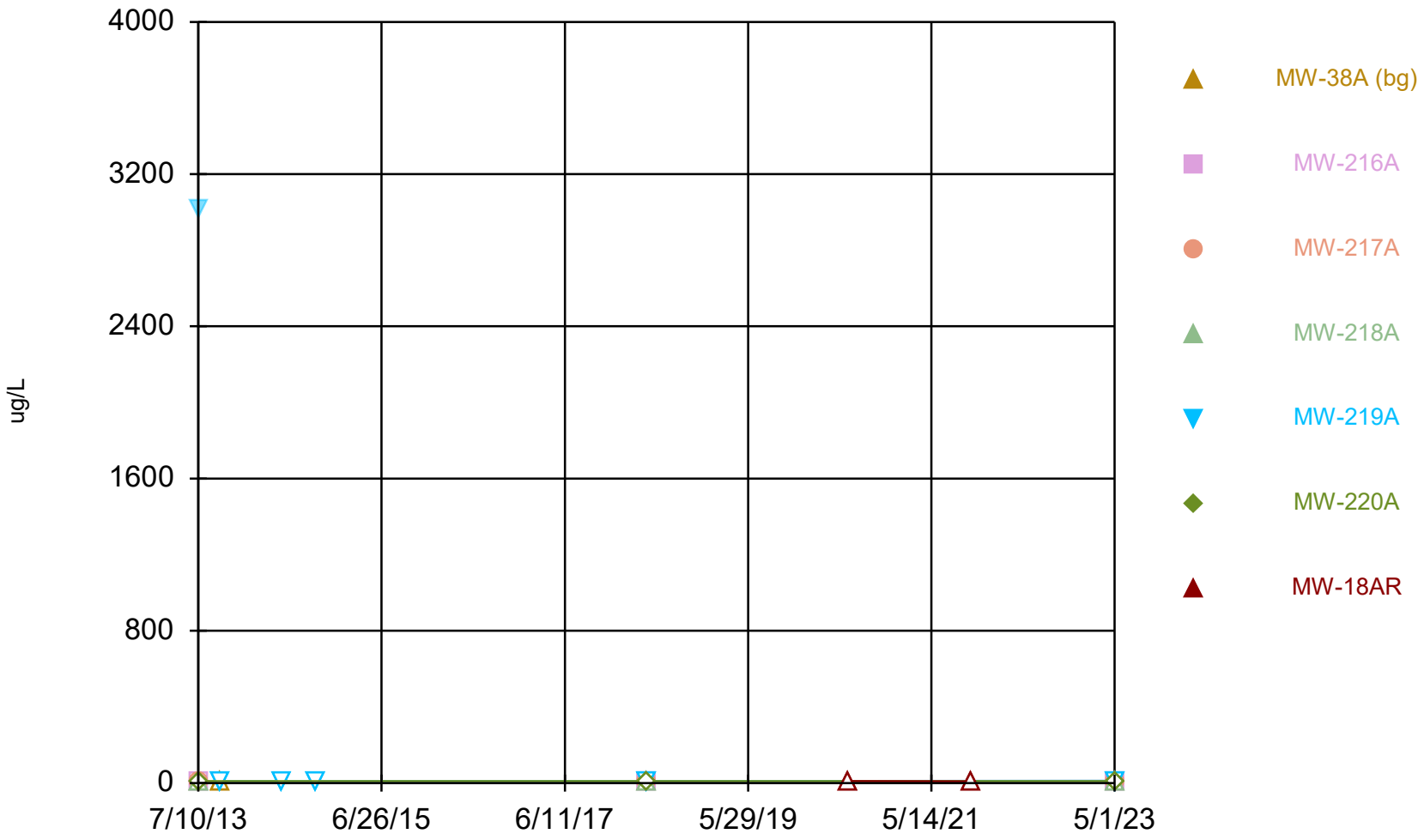


Constituent: Phenol Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

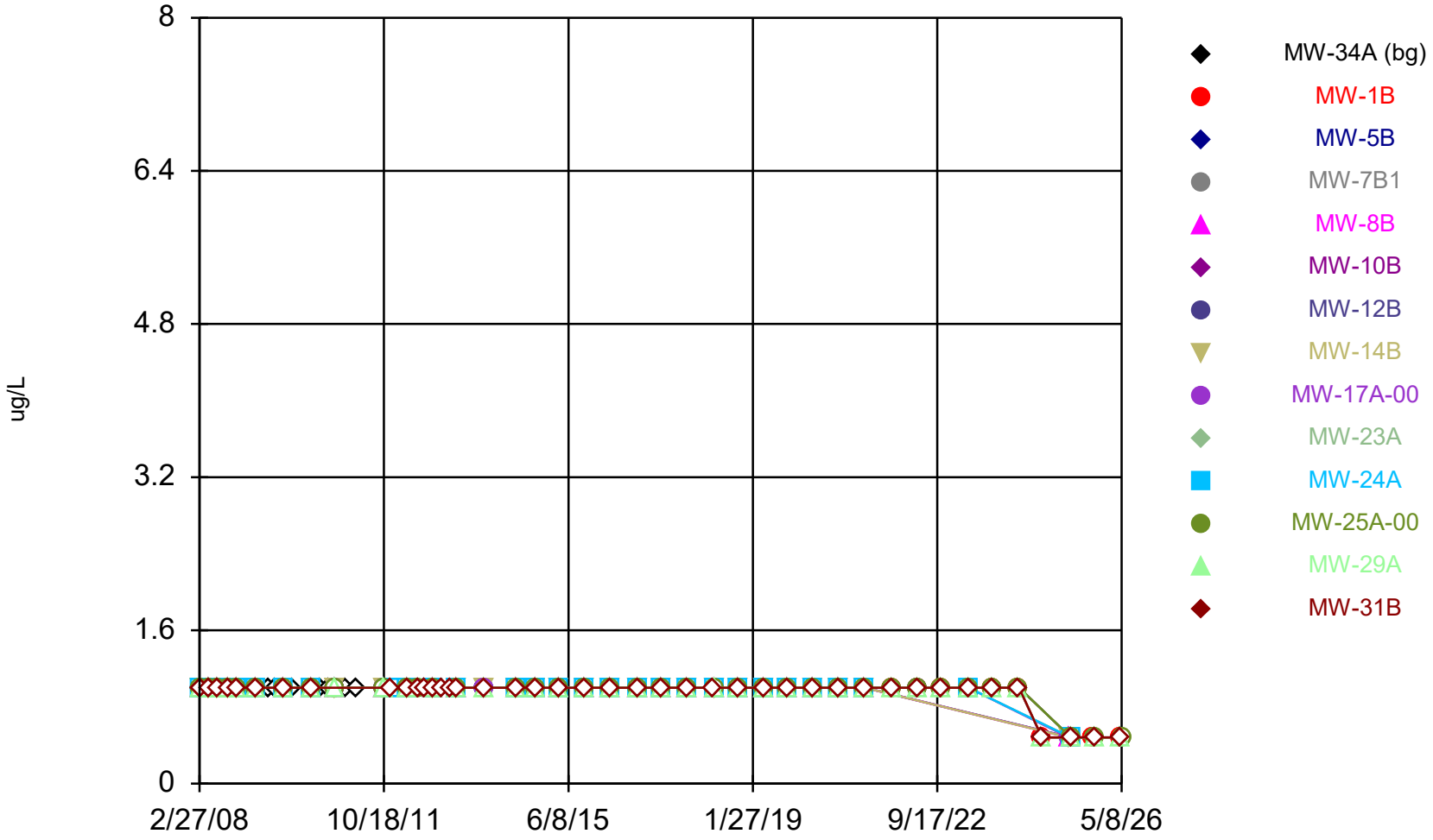


Constituent: Phenol Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

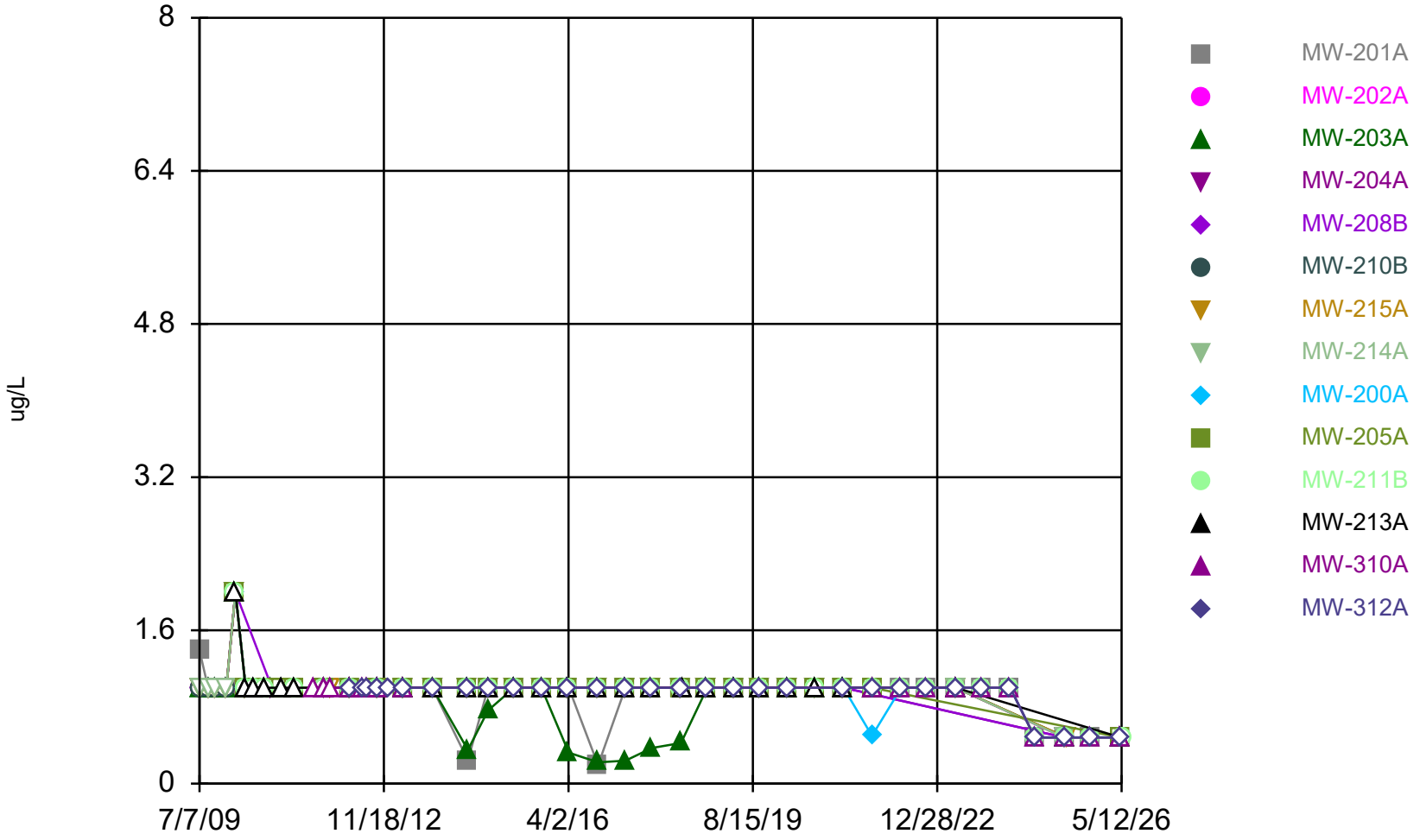


Constituent: Tetrachloroethene Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

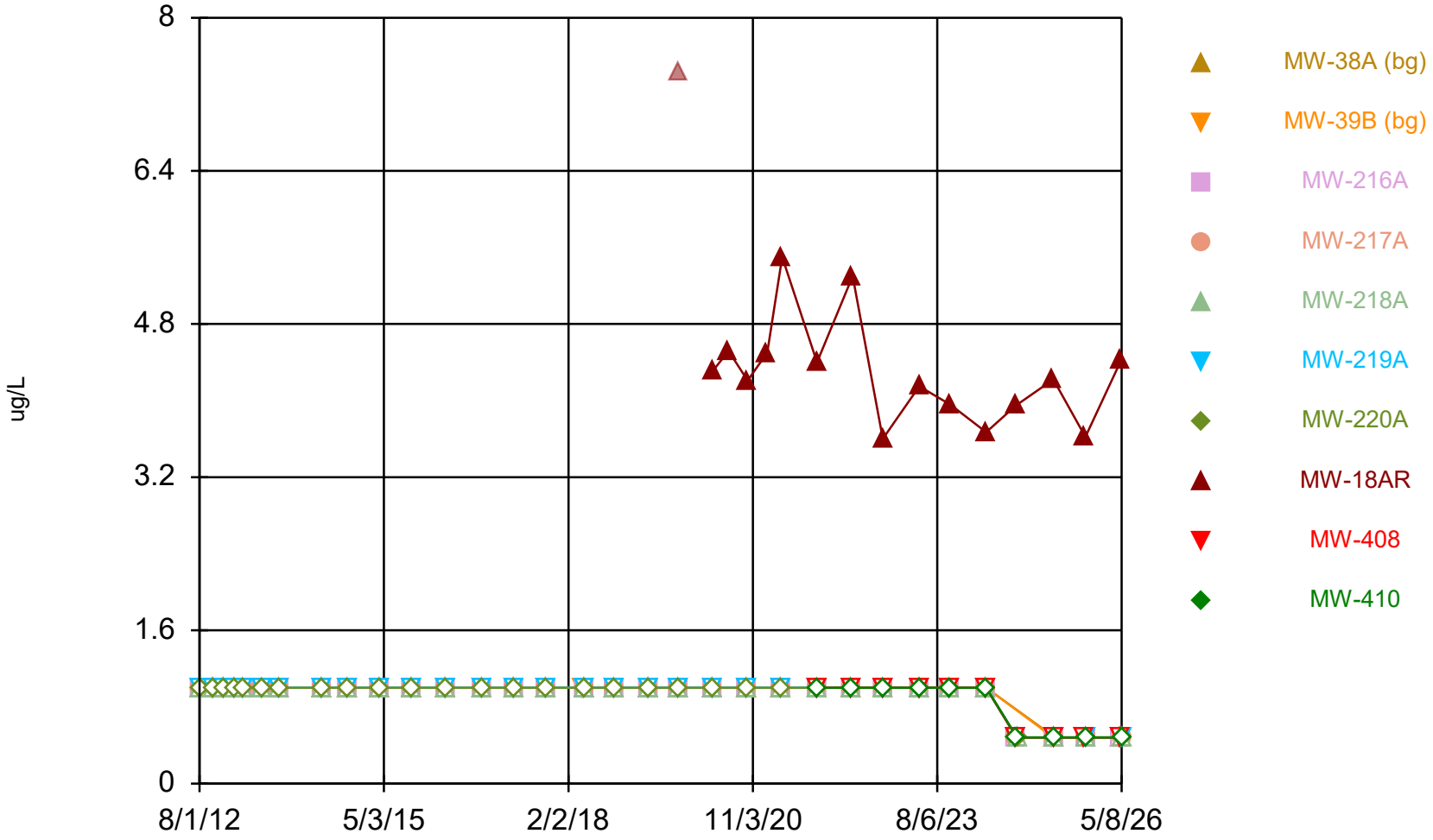


Constituent: Tetrachloroethene Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

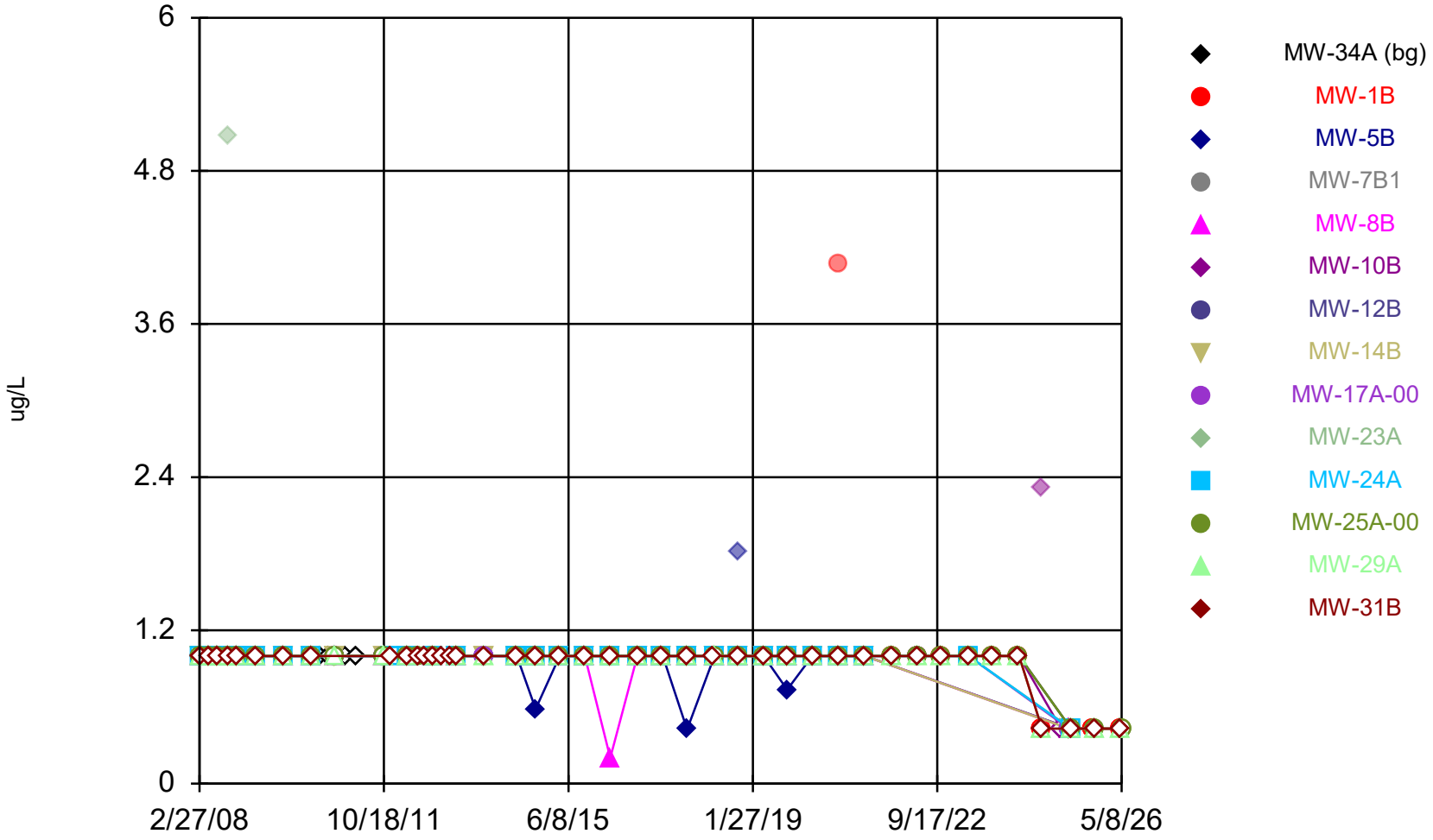


Constituent: Tetrachloroethene Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

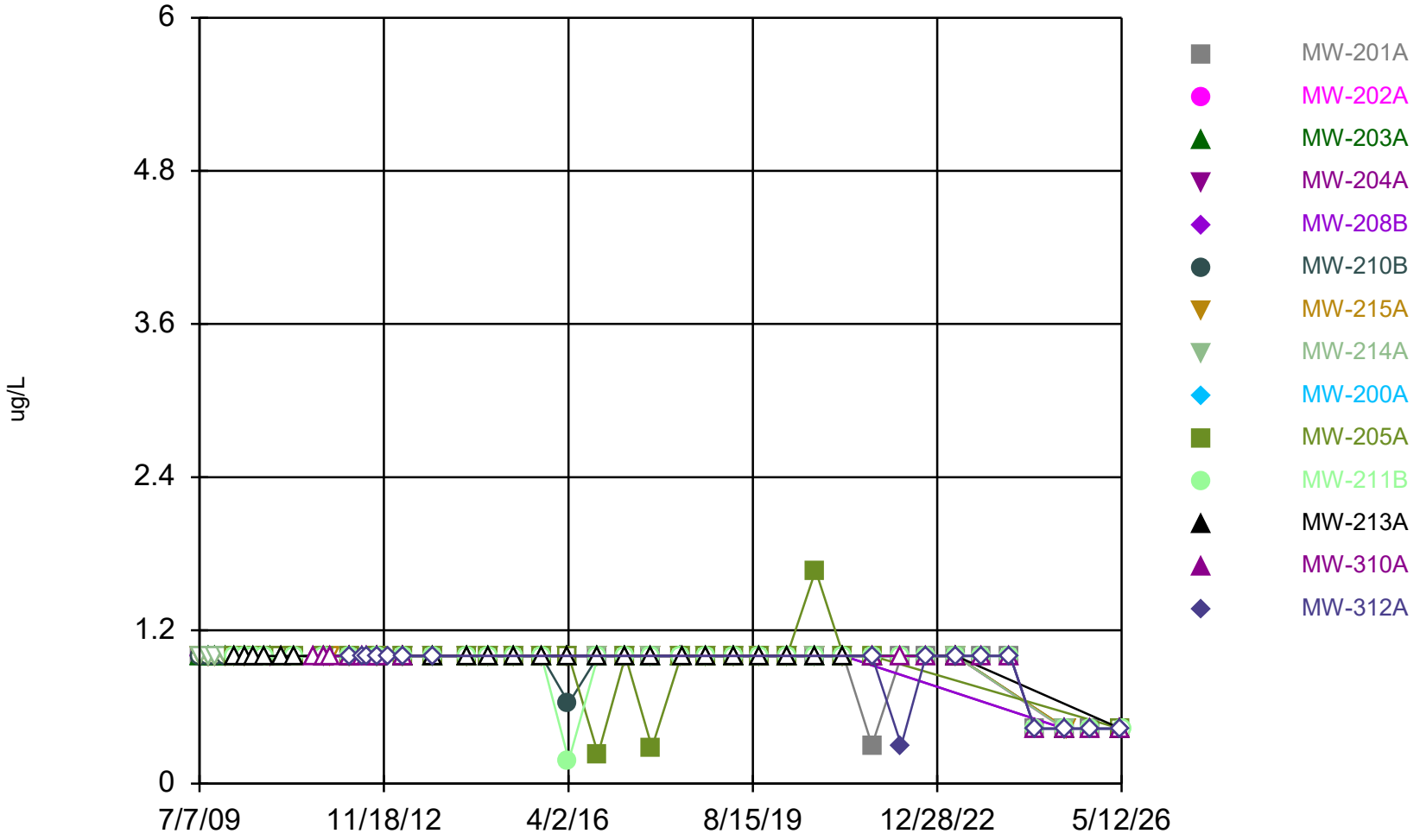


Constituent: Toluene Analysis Run 7/8/2026 9:02 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

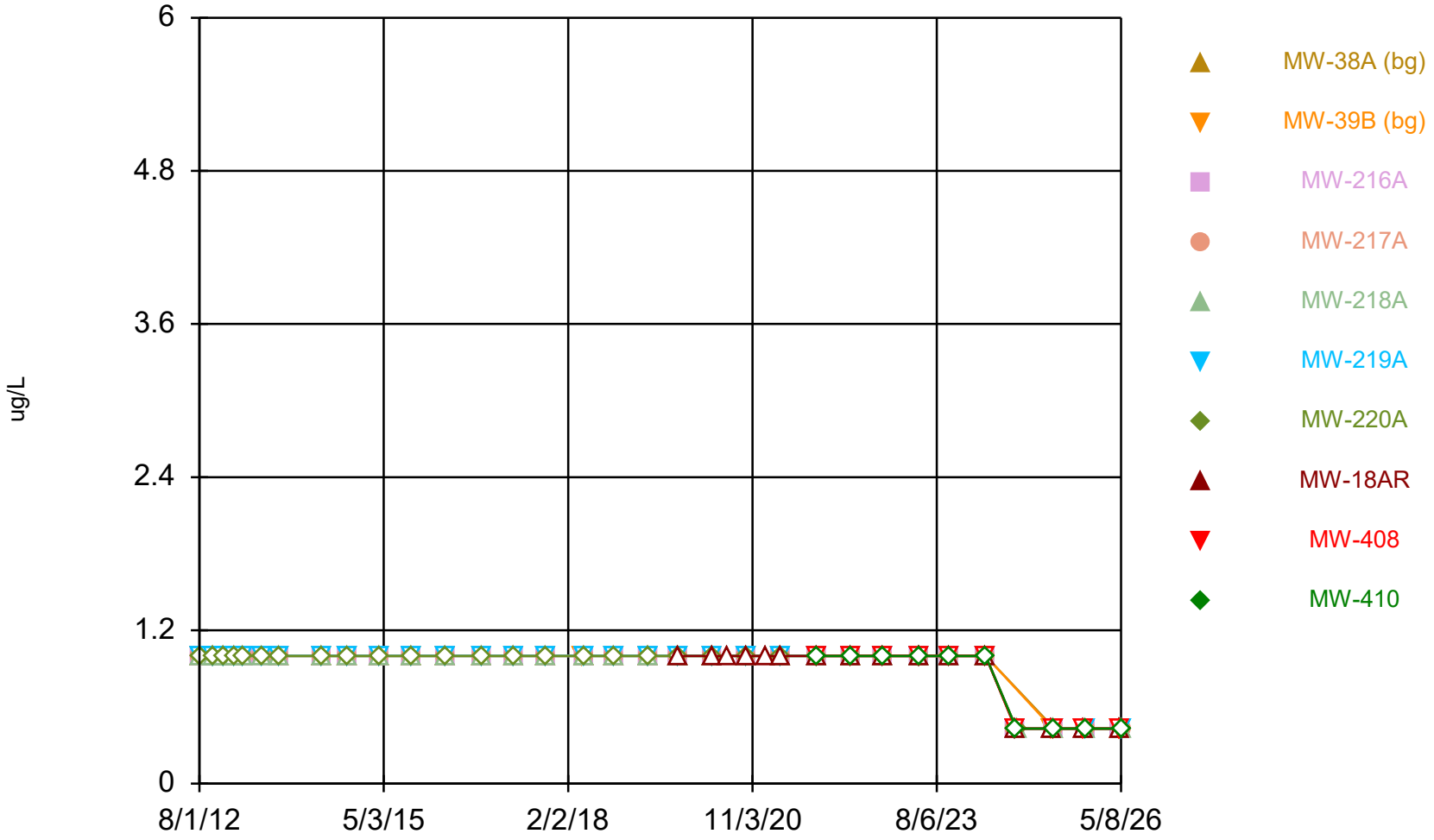


Constituent: Toluene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Toluene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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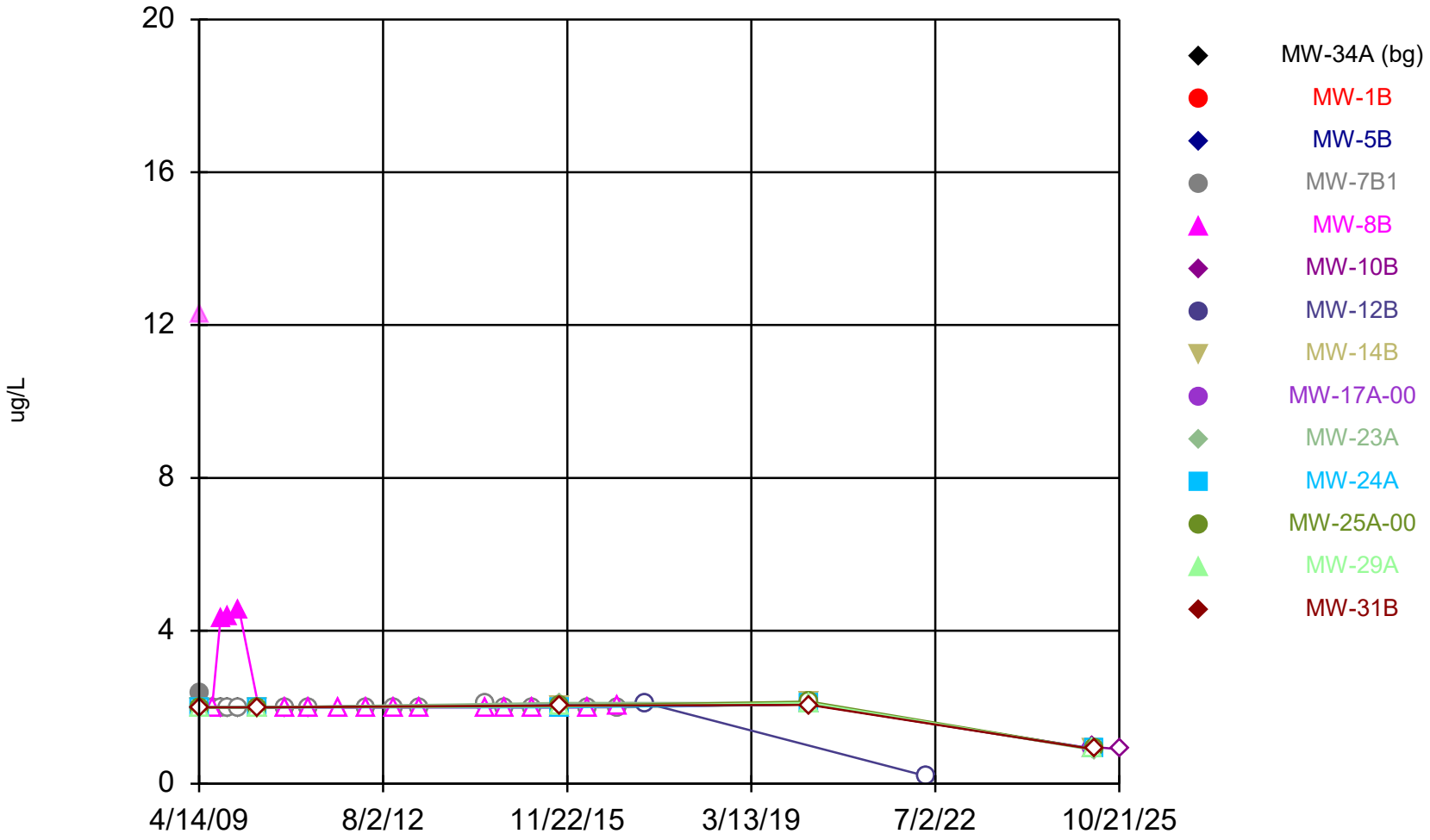
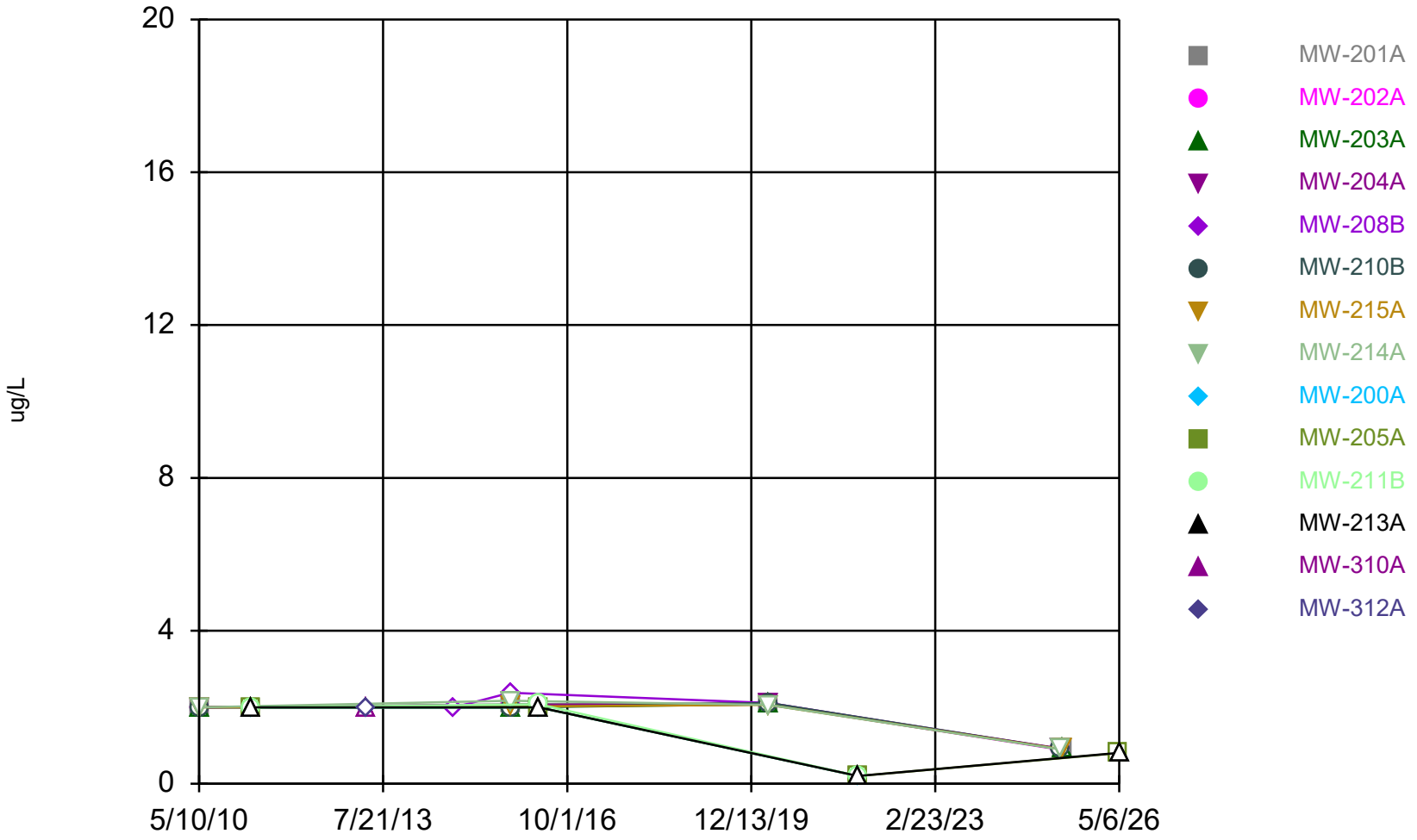


Constituent: Toxaphene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

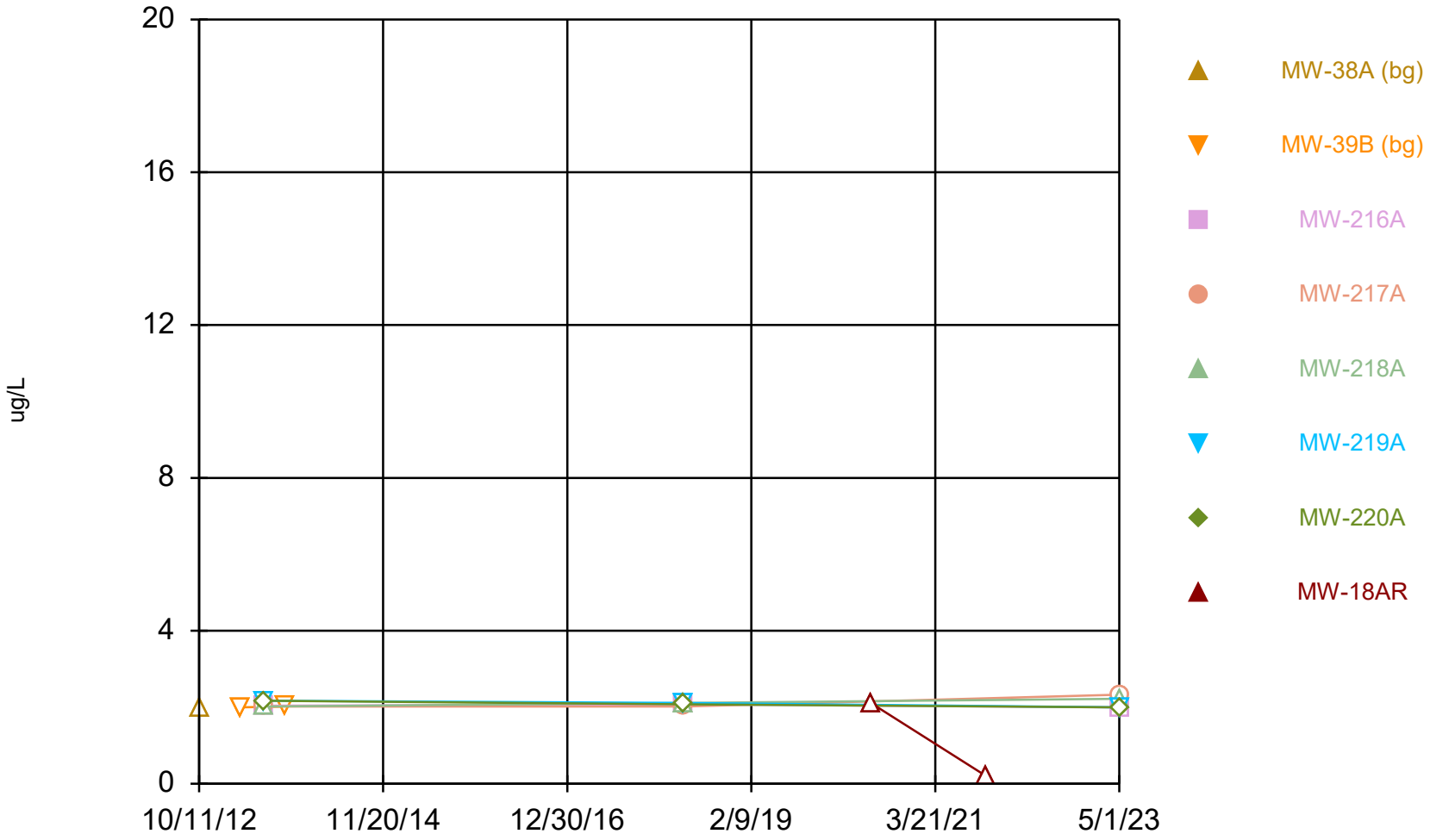


Constituent: Toxaphene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

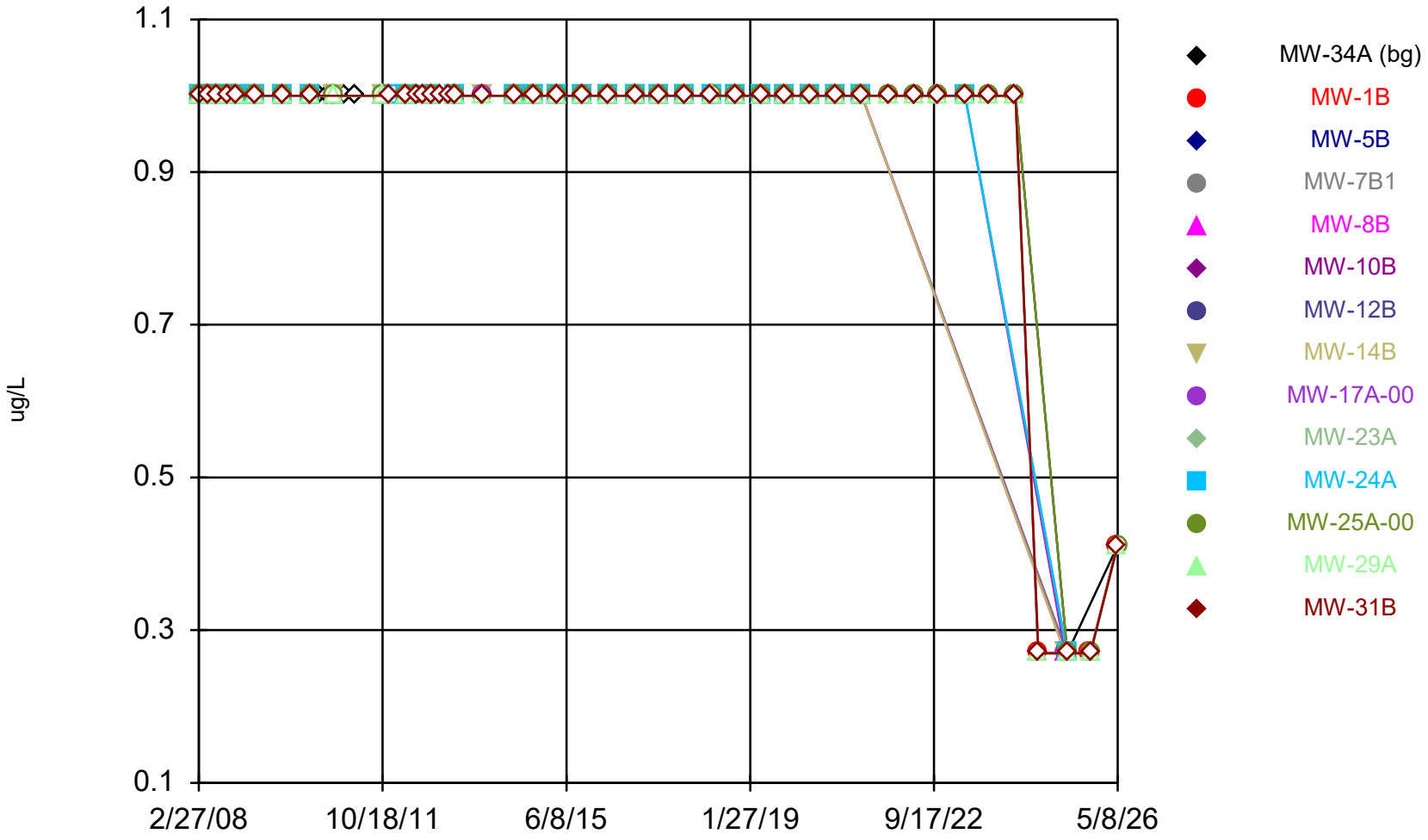


Constituent: Toxaphene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

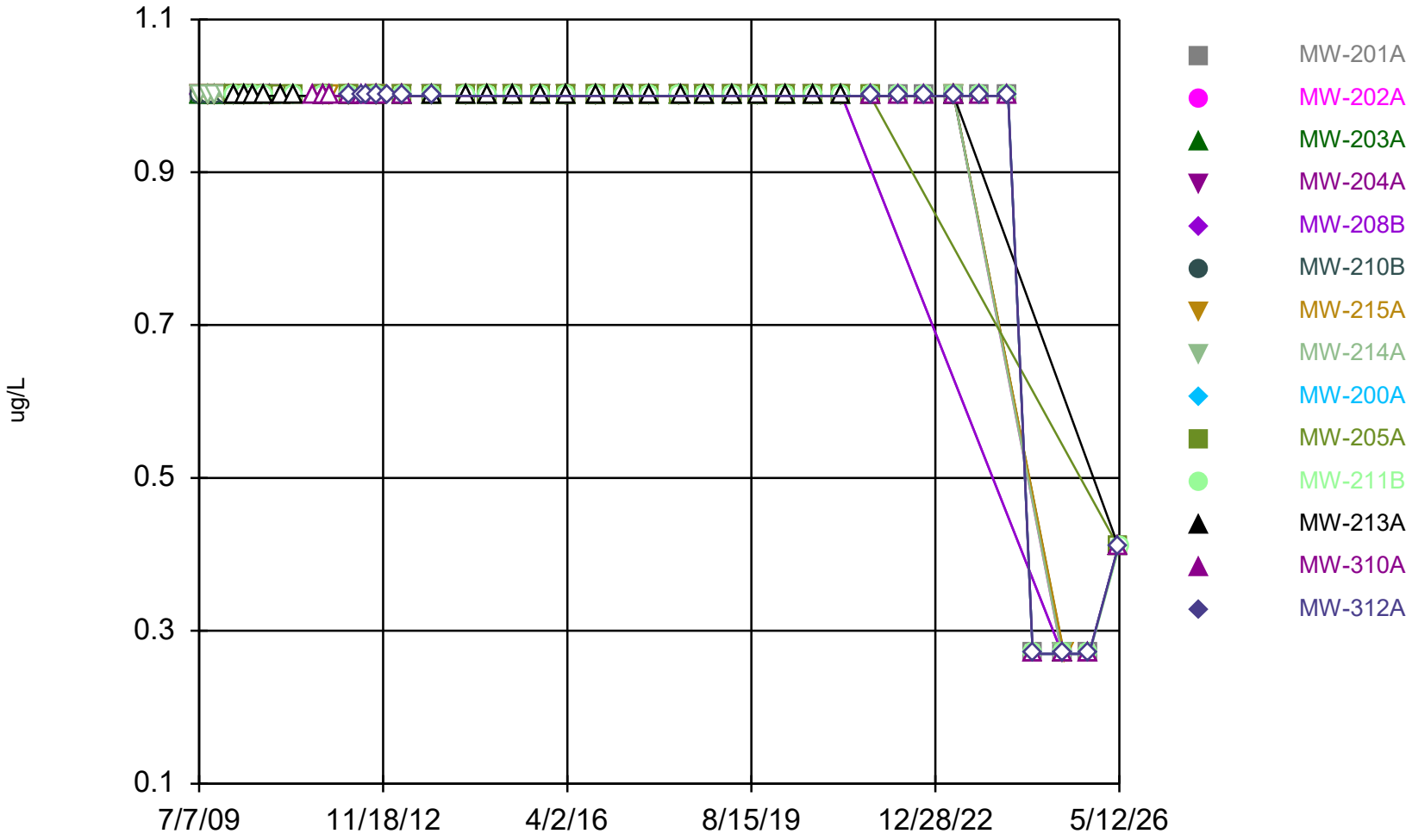


Constituent: trans-1,2-Dichloroethene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

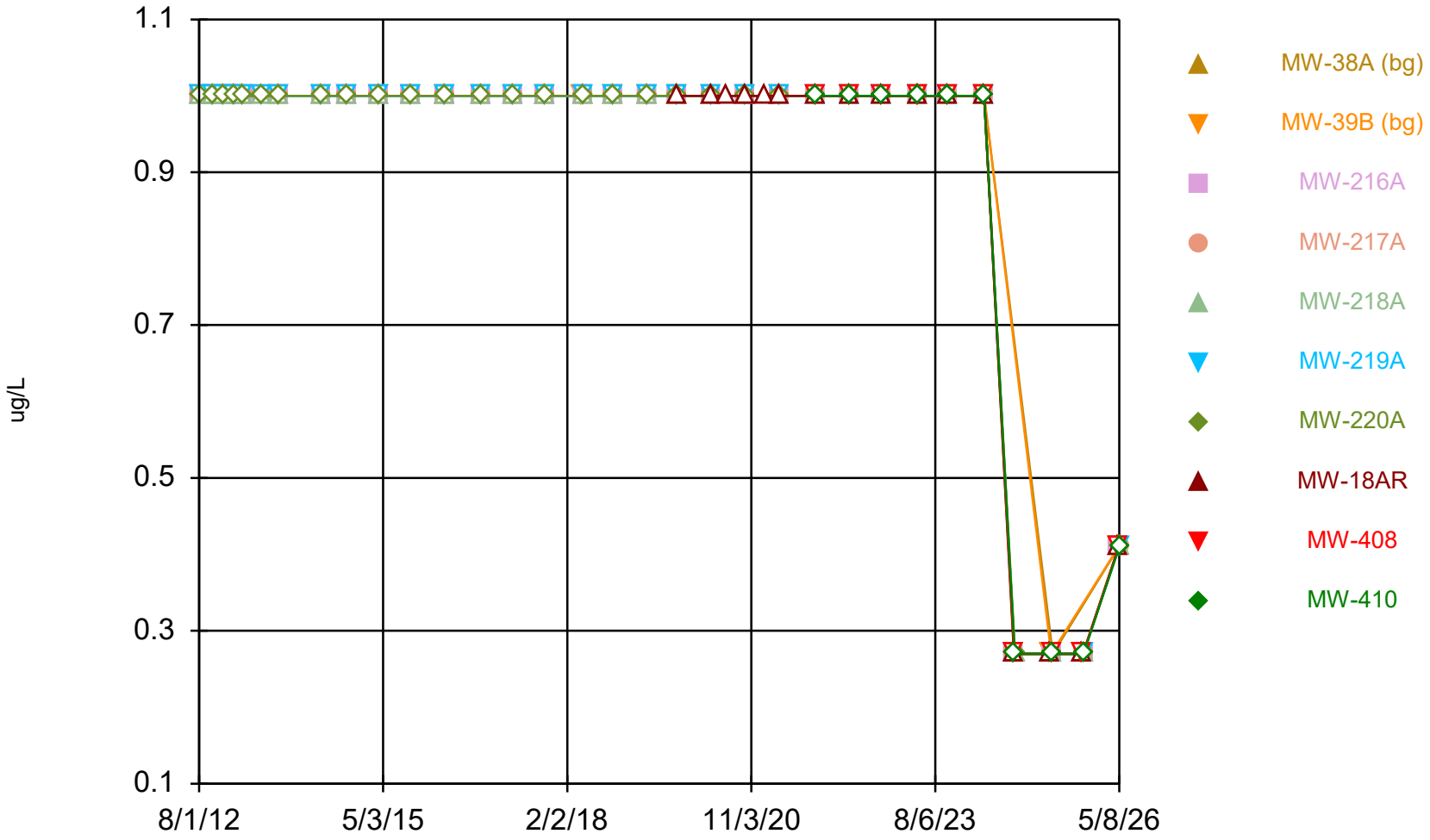


Constituent: trans-1,2-Dichloroethene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

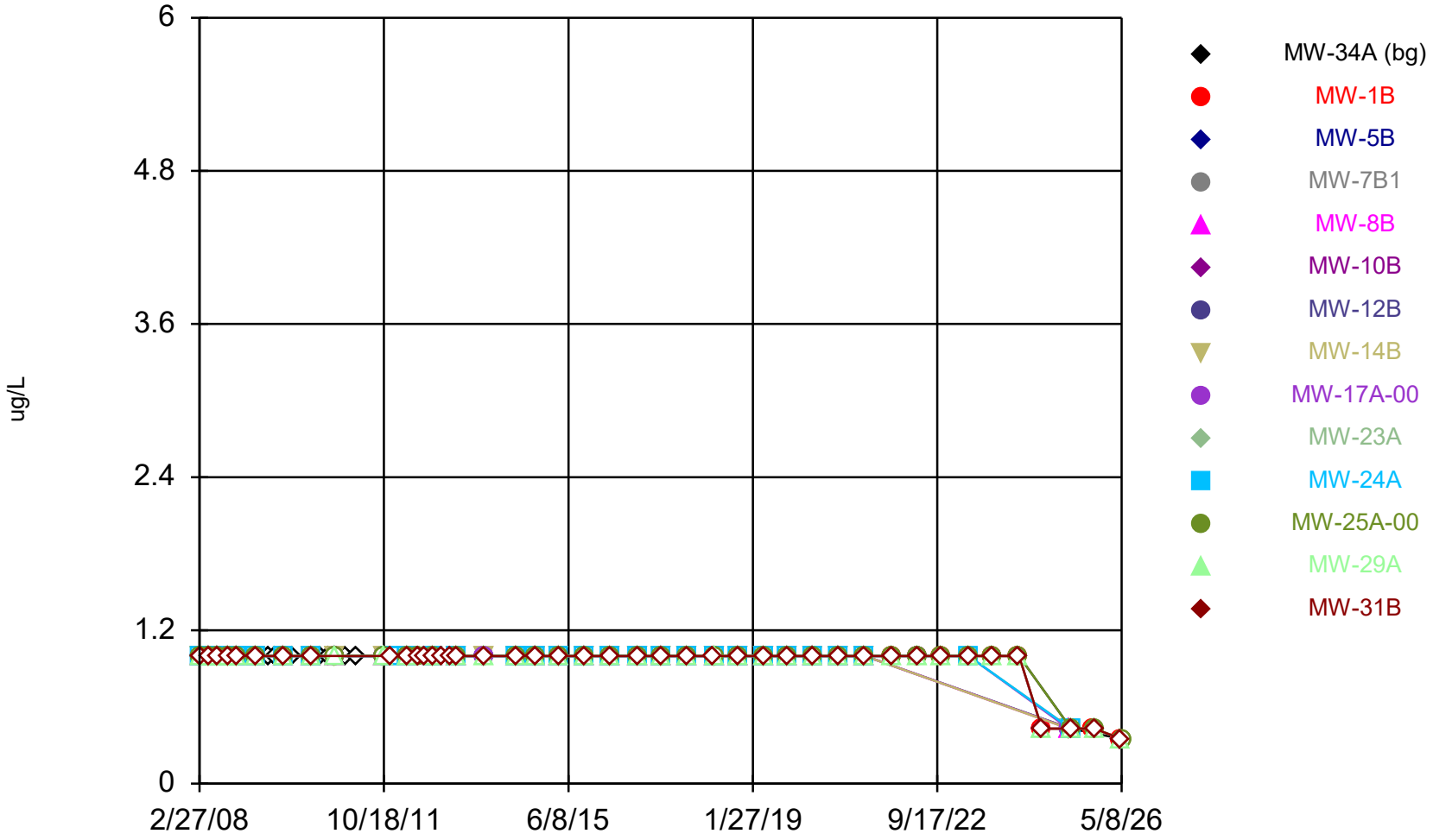


Constituent: trans-1,2-Dichloroethene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

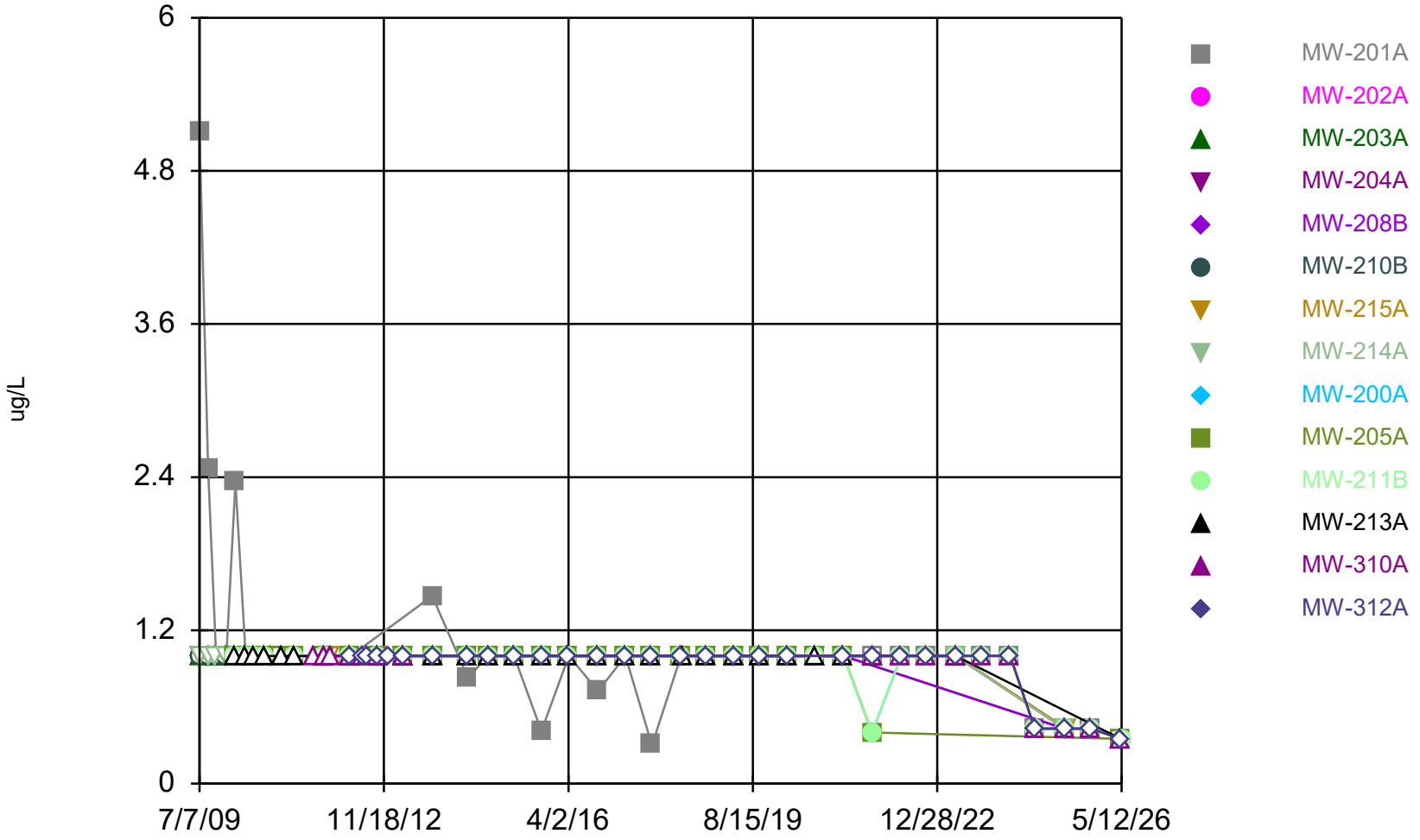


Constituent: Trichloroethene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

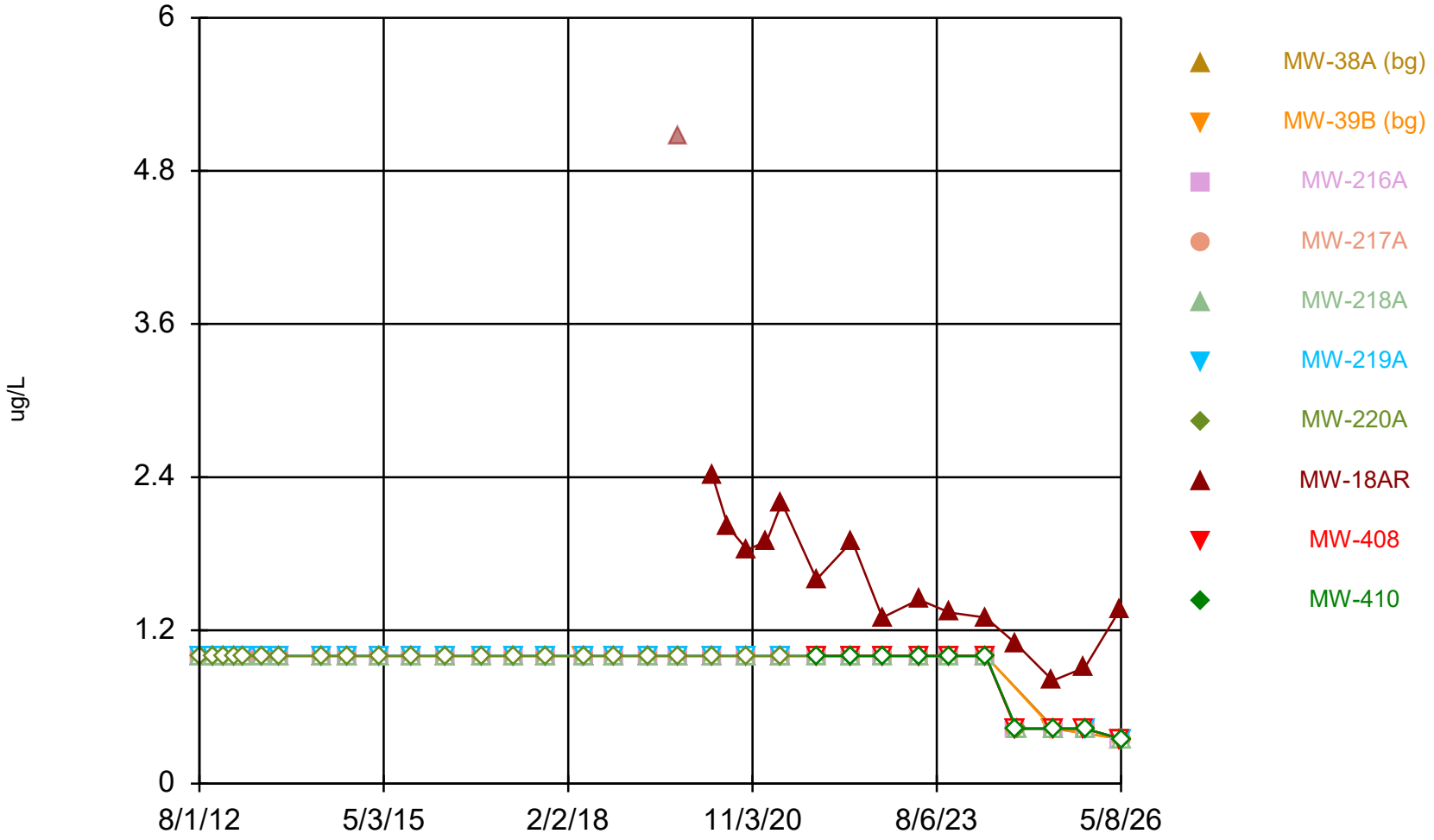


Constituent: Trichloroethene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

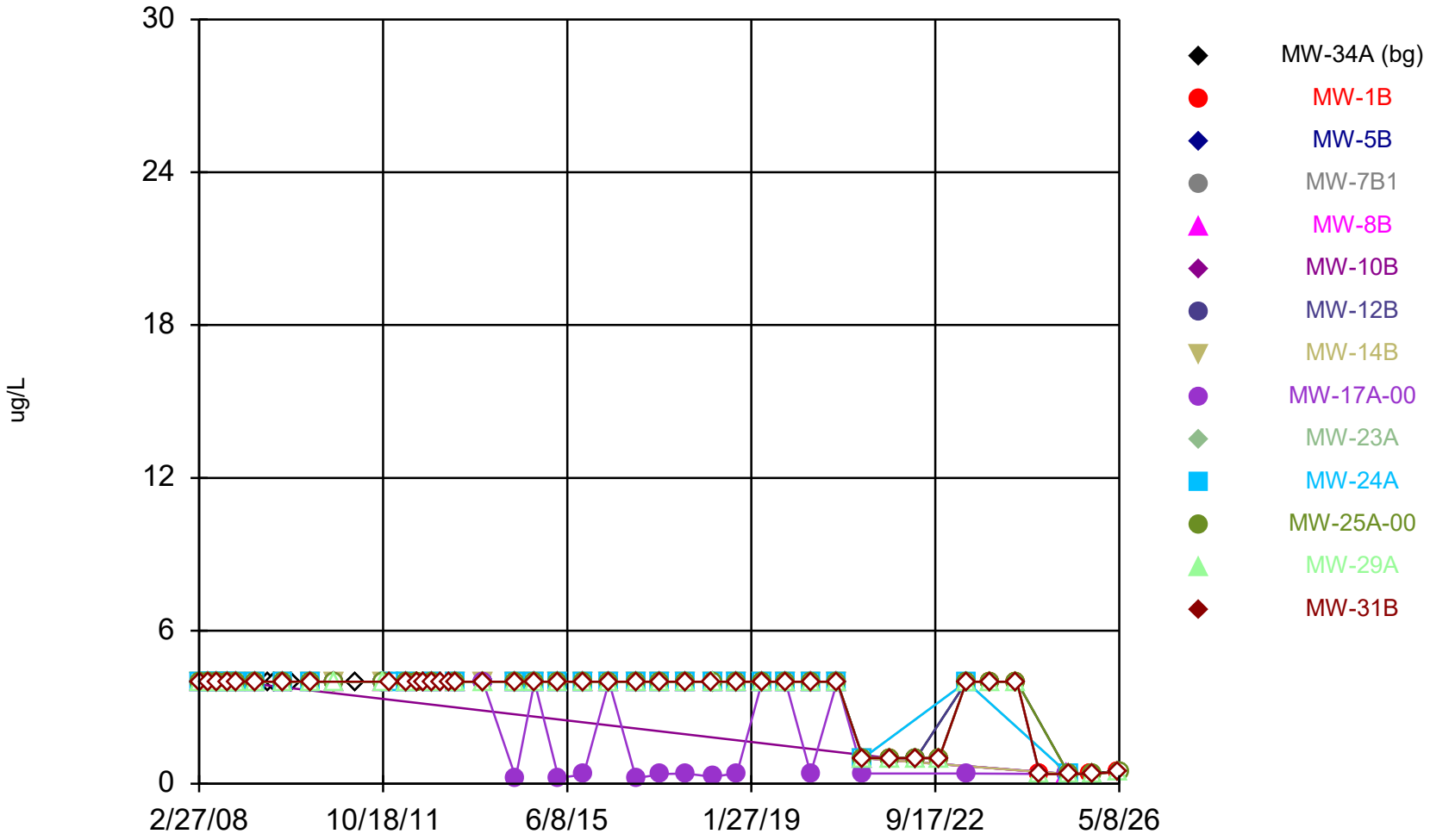


Constituent: Trichloroethene Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

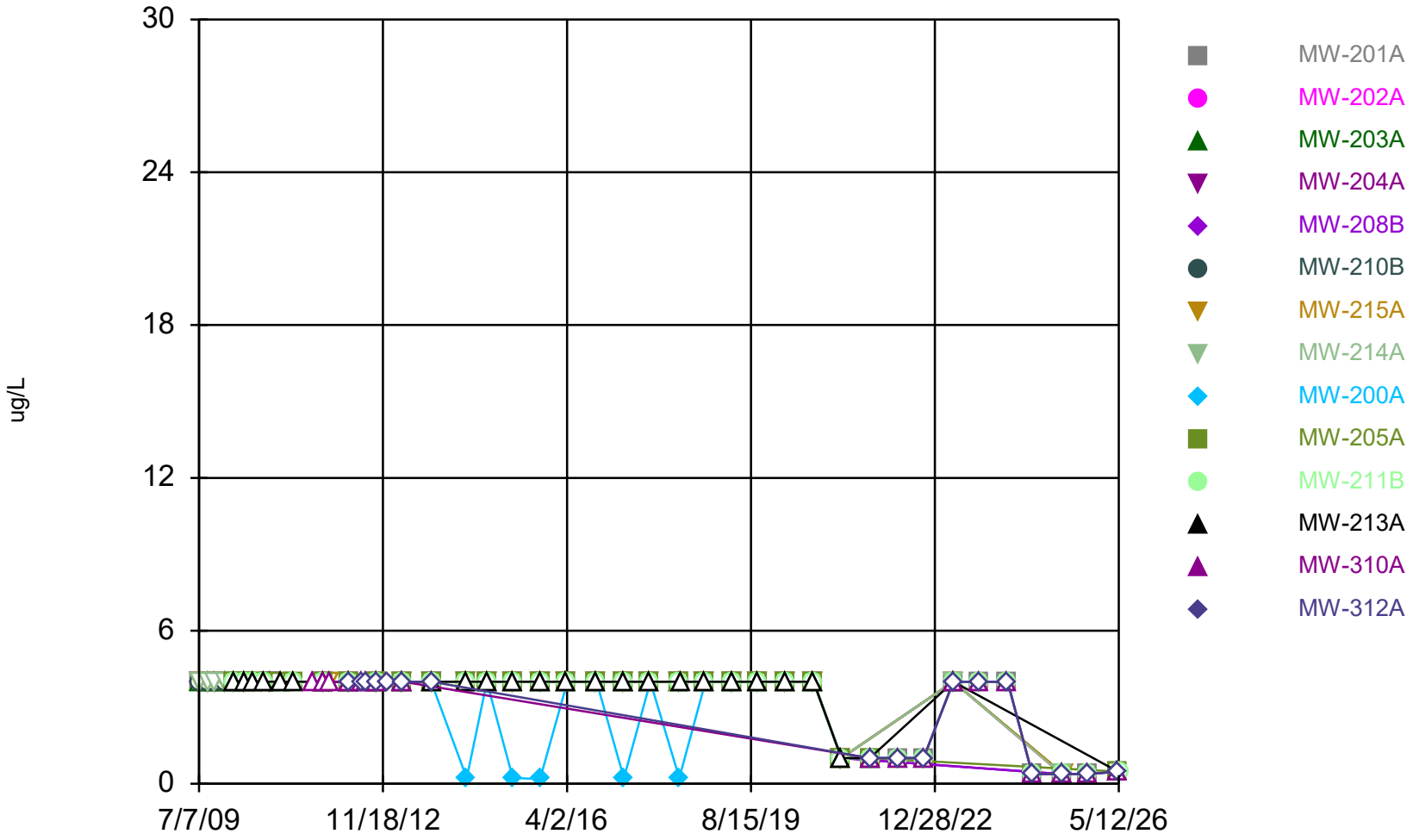


Constituent: Trichlorofluoromethane Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

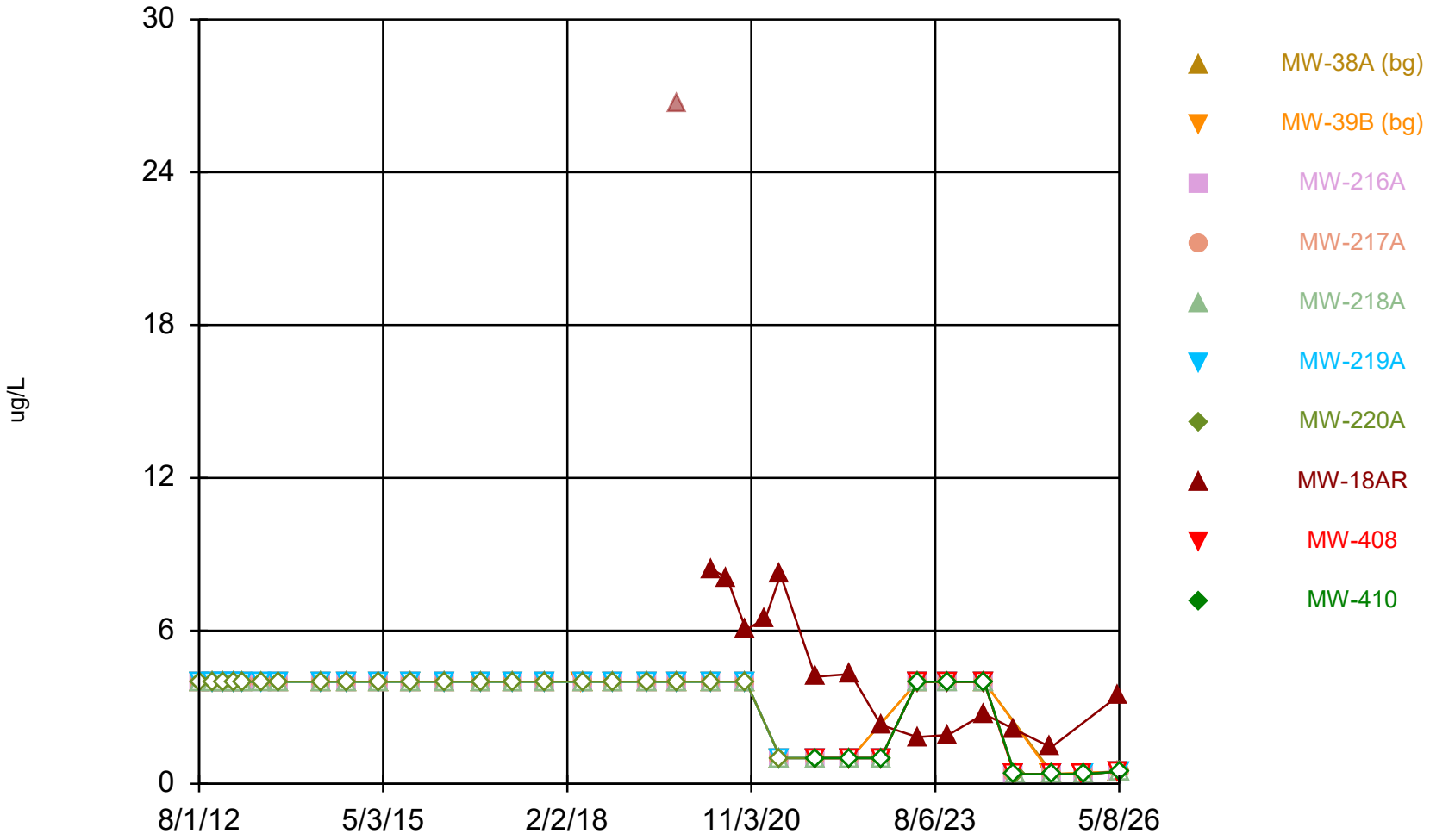


Constituent: Trichlorofluoromethane Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

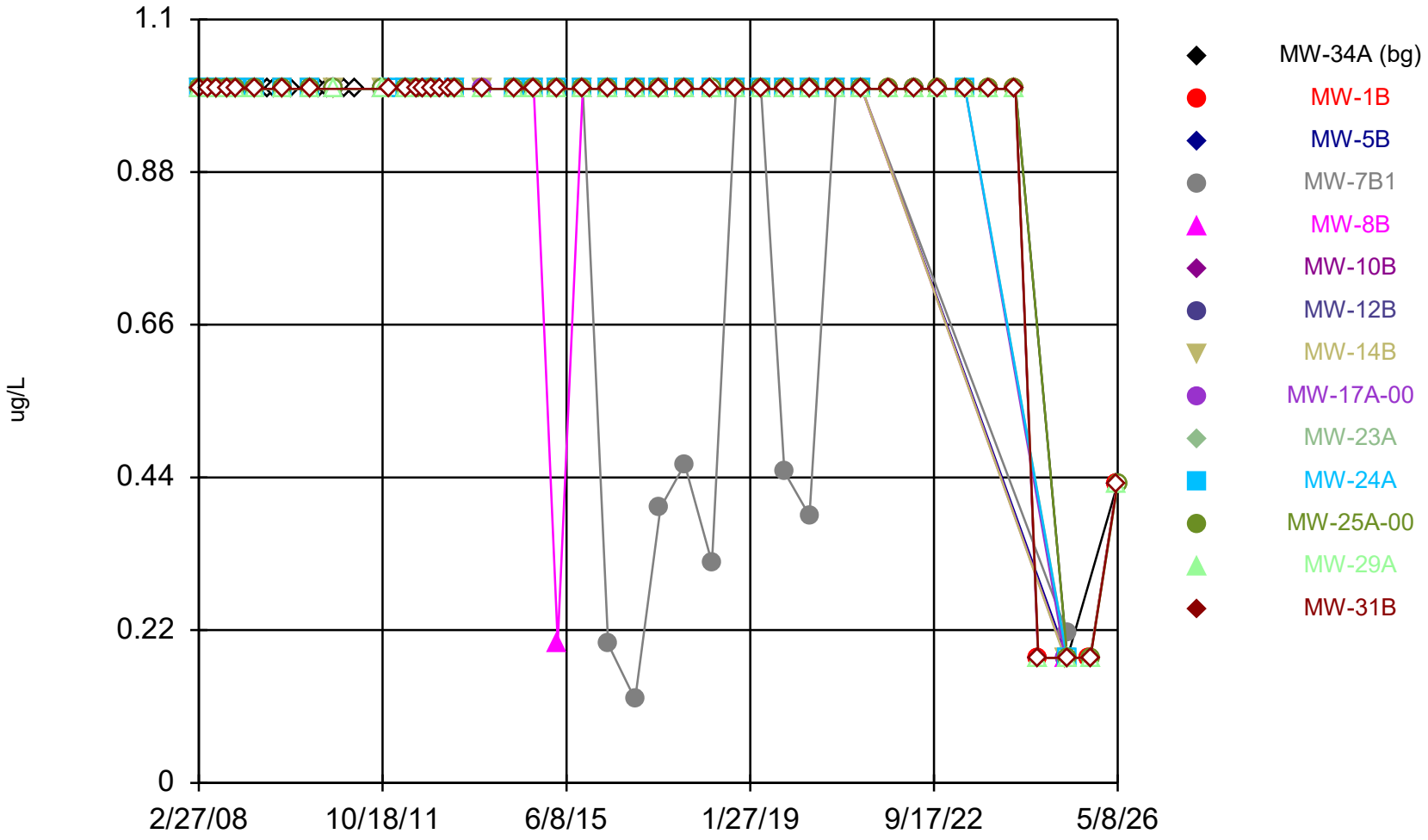


Constituent: Trichlorofluoromethane Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

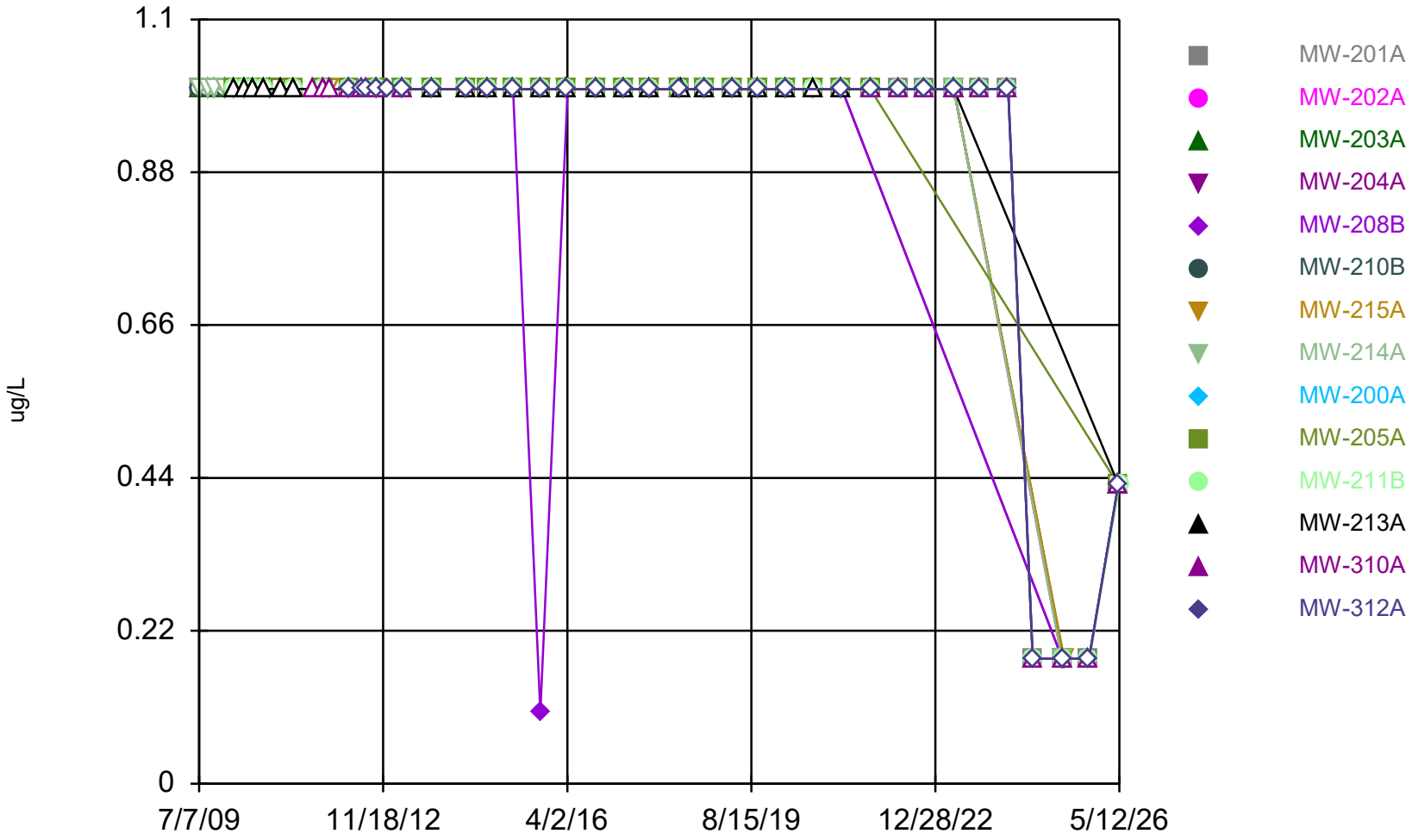


Constituent: Vinyl Chloride Analysis Run 7/8/2026 9:03 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

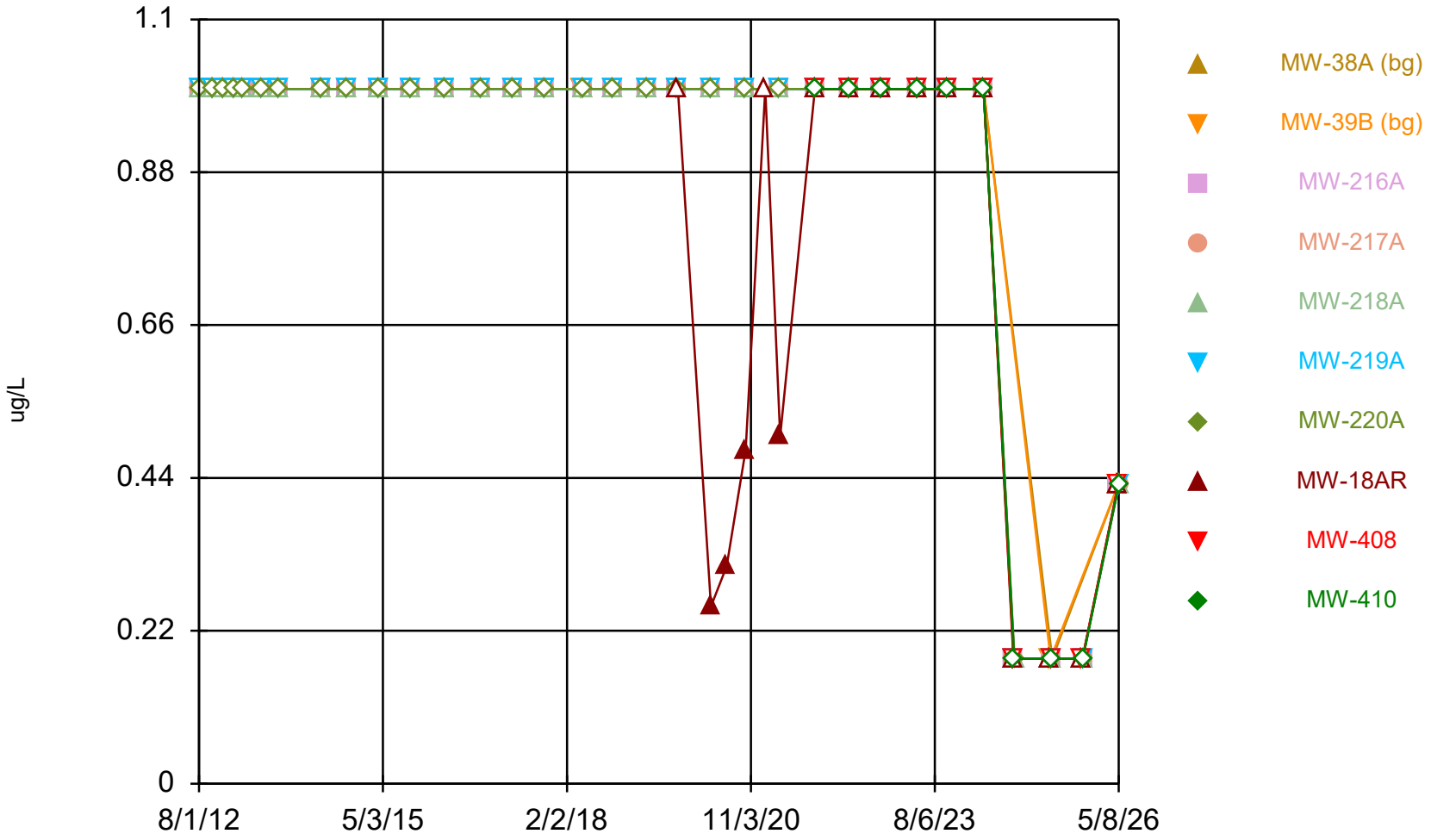


Constituent: Vinyl Chloride Analysis Run 7/8/2026 9:04 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

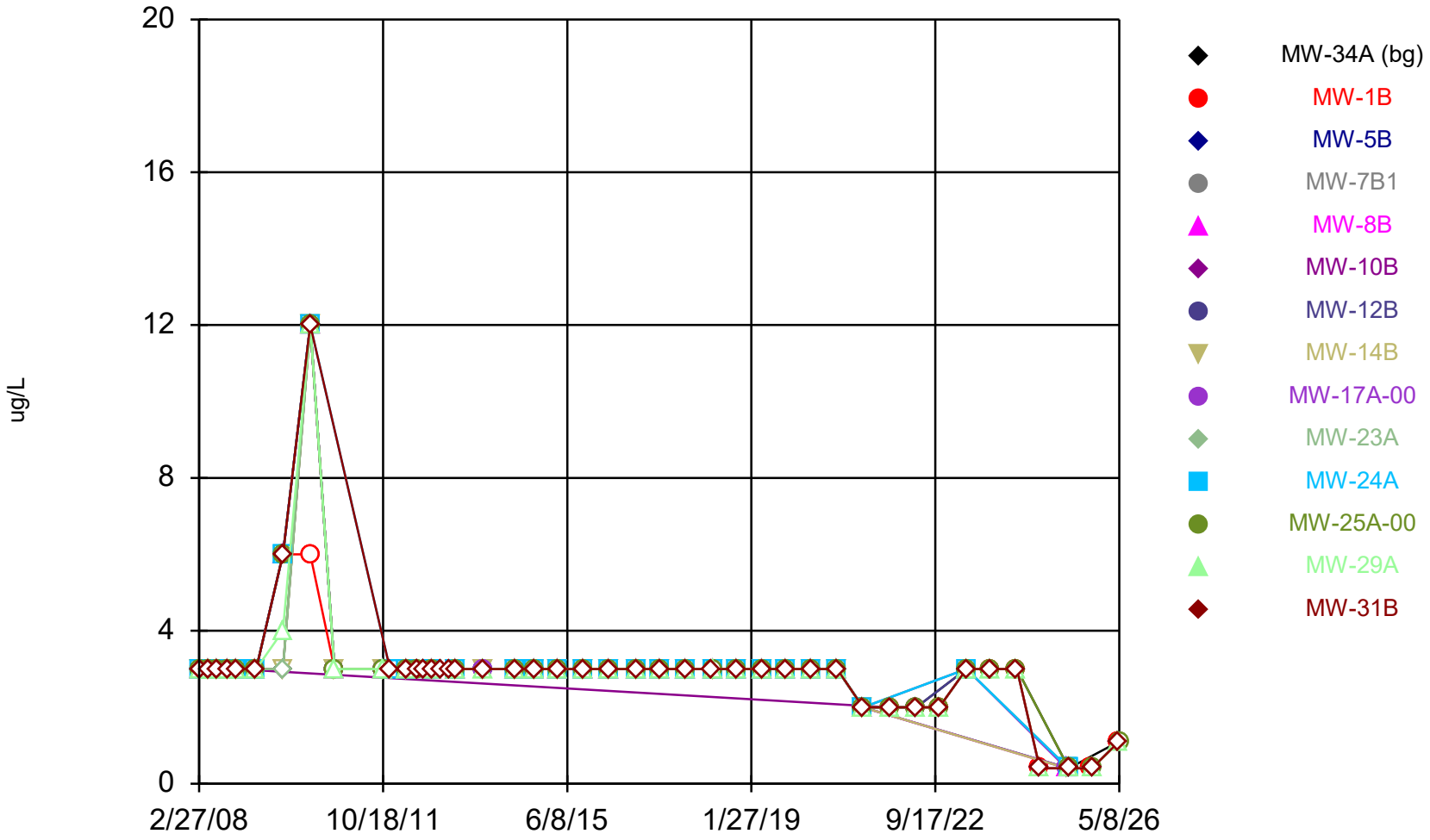


Constituent: Vinyl Chloride Analysis Run 7/8/2026 9:04 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

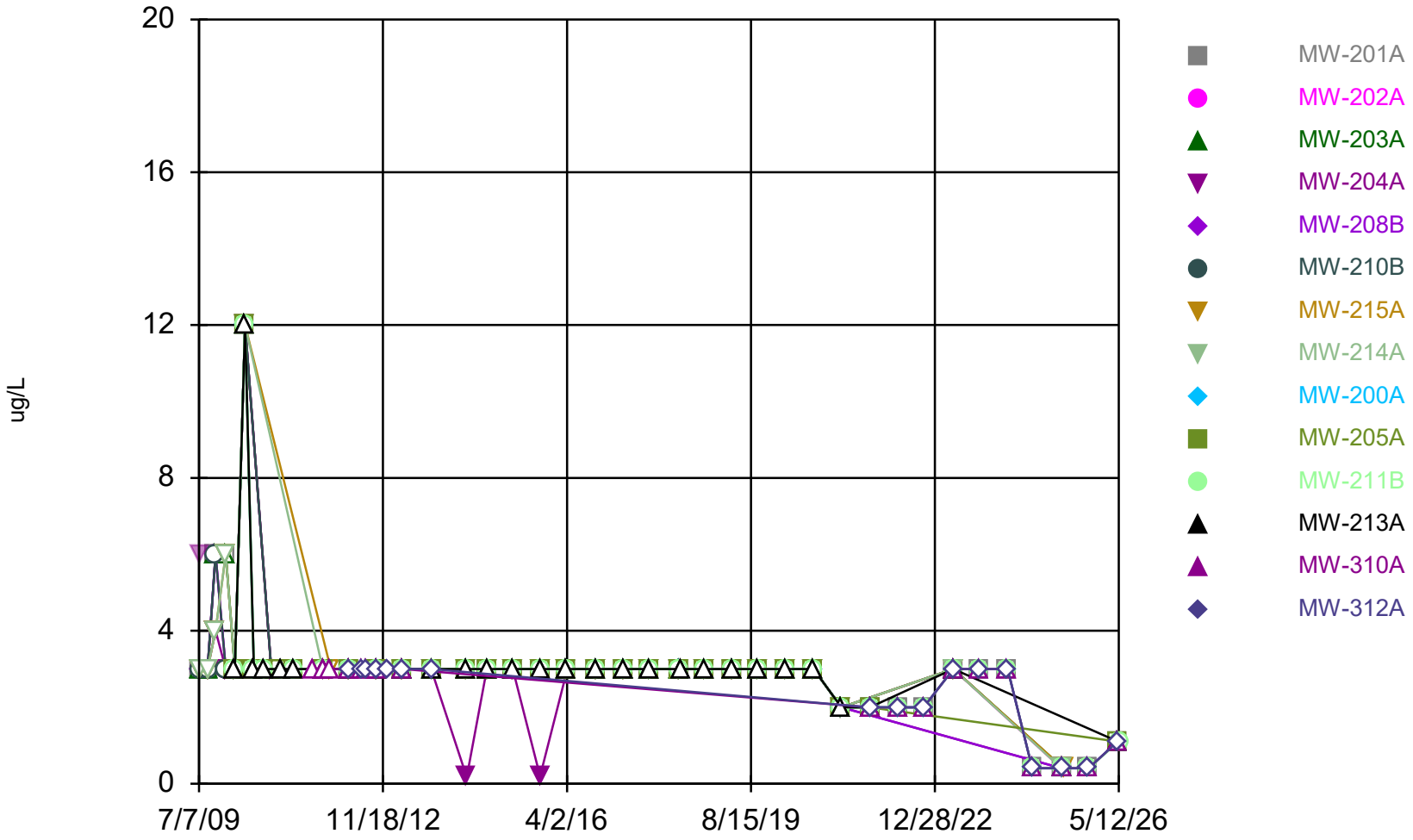


Constituent: Xylenes, Total Analysis Run 7/8/2026 9:04 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Xylenes, Total Analysis Run 7/8/2026 9:04 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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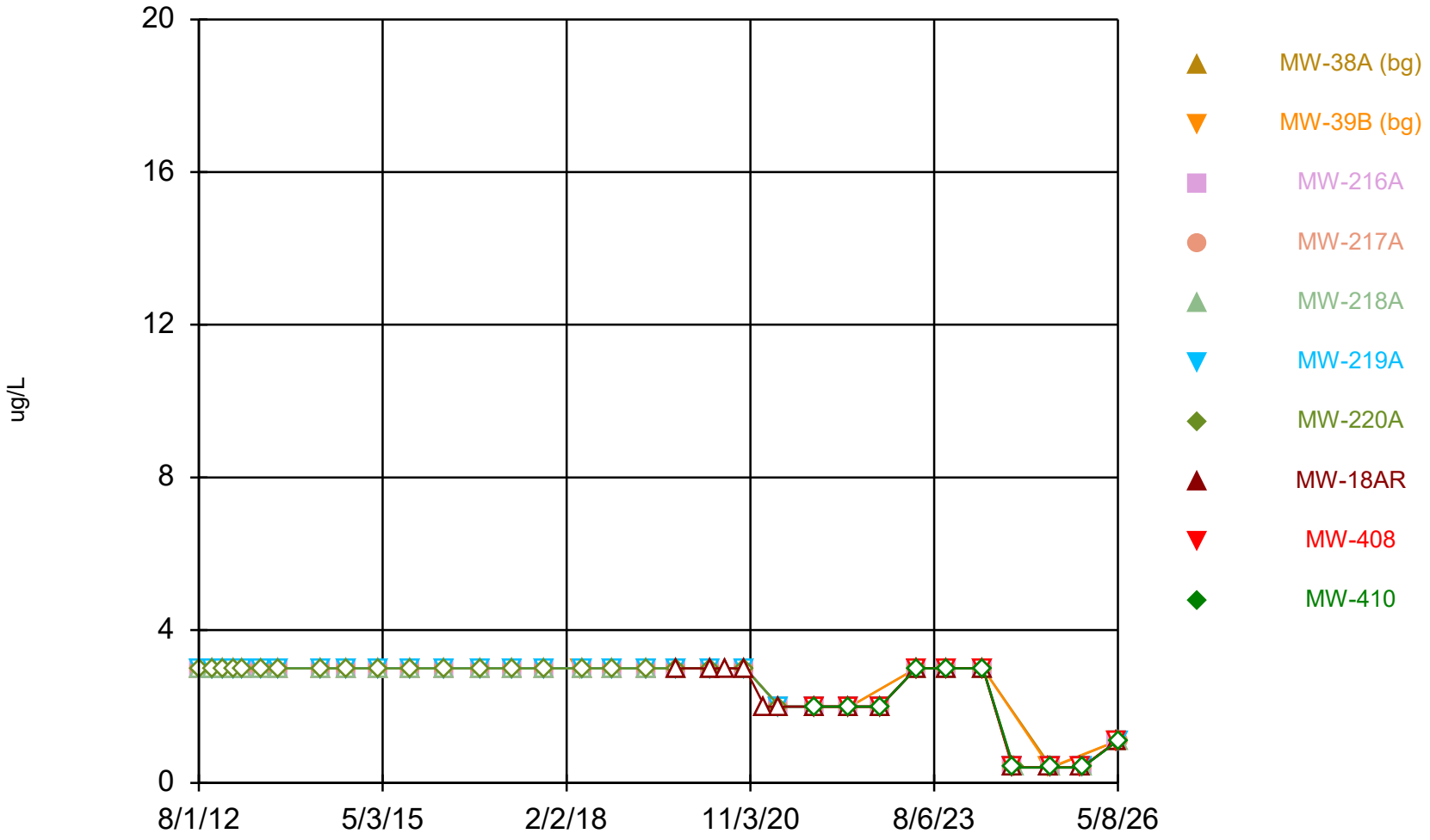
Hollow symbols indicate censored values.

Time Series



Constituent: Xylenes, Total Analysis Run 7/8/2026 9:04 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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Groundwater Monitoring Wells –

Box & Whiskers Plots

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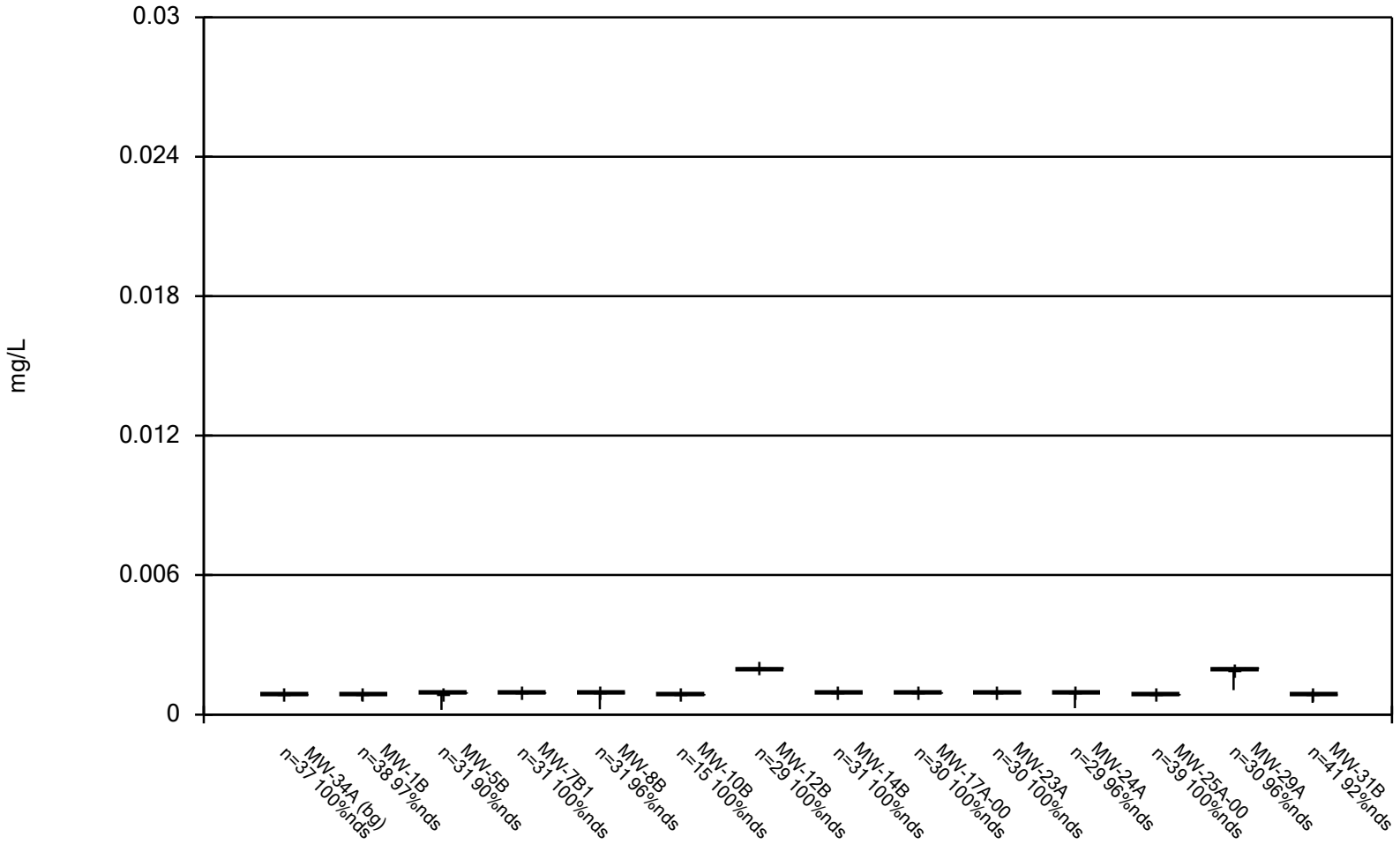
Box & Whiskers Plot

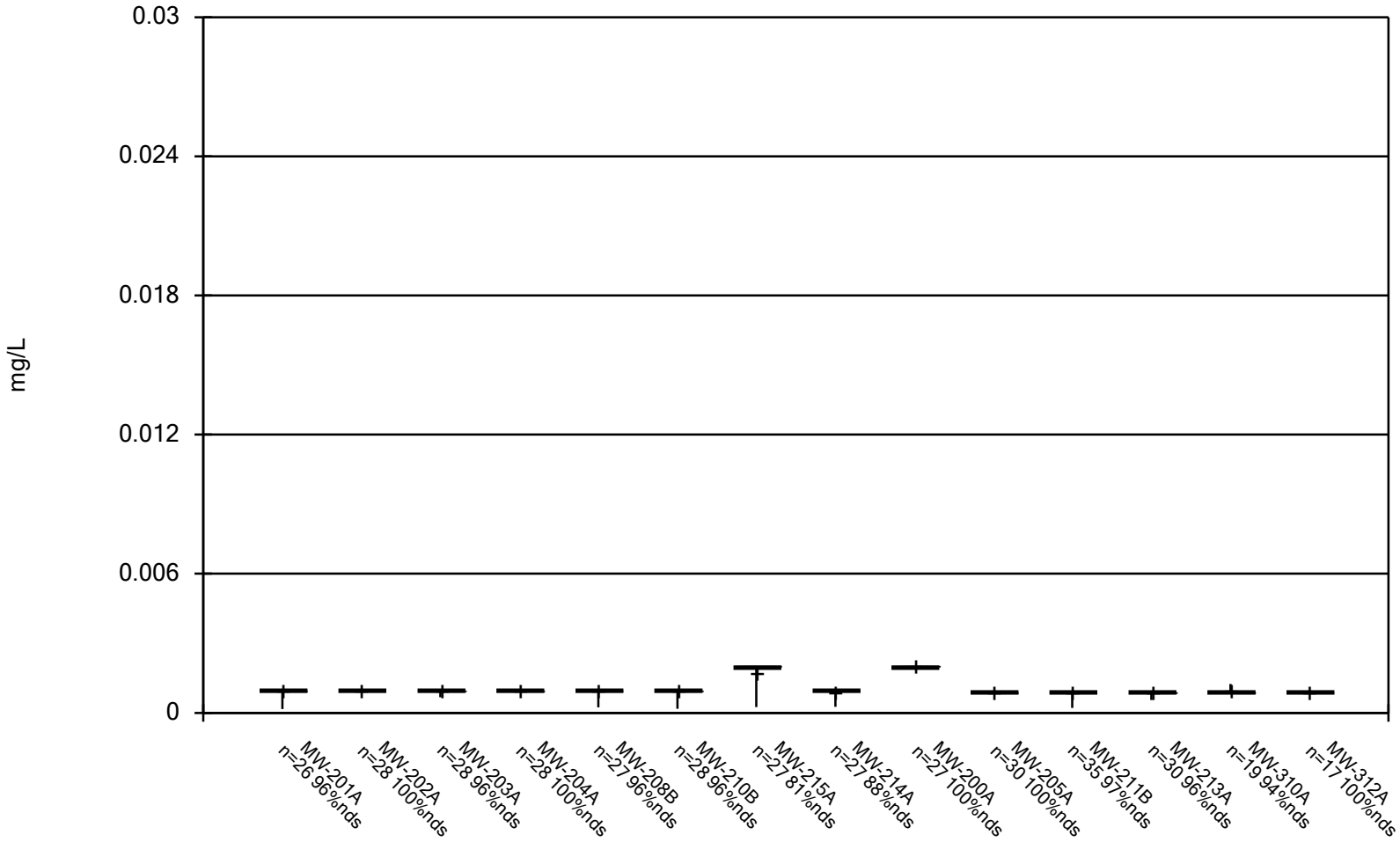


Constituent: Antimony Analysis Run 7/21/2026 4:29 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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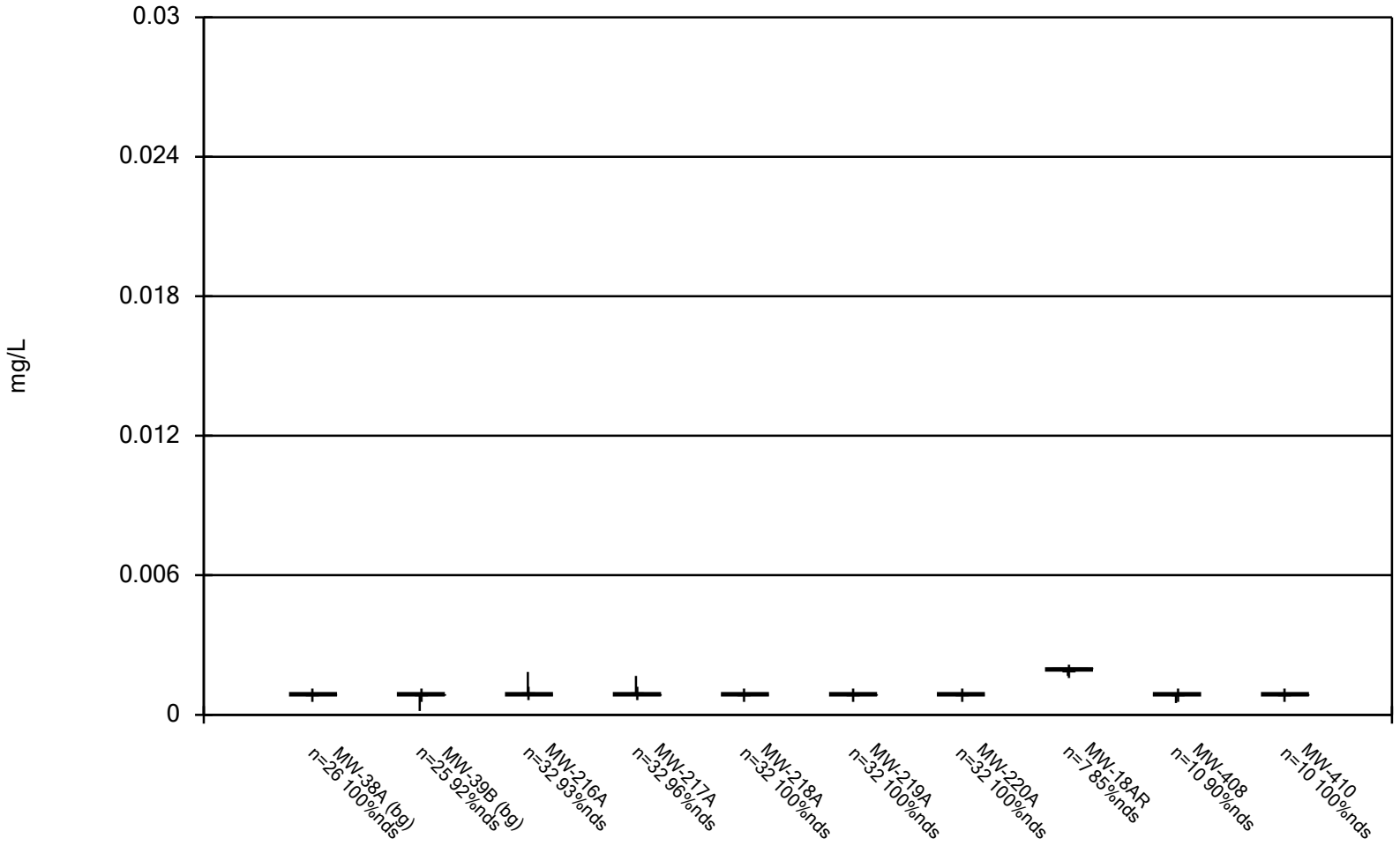
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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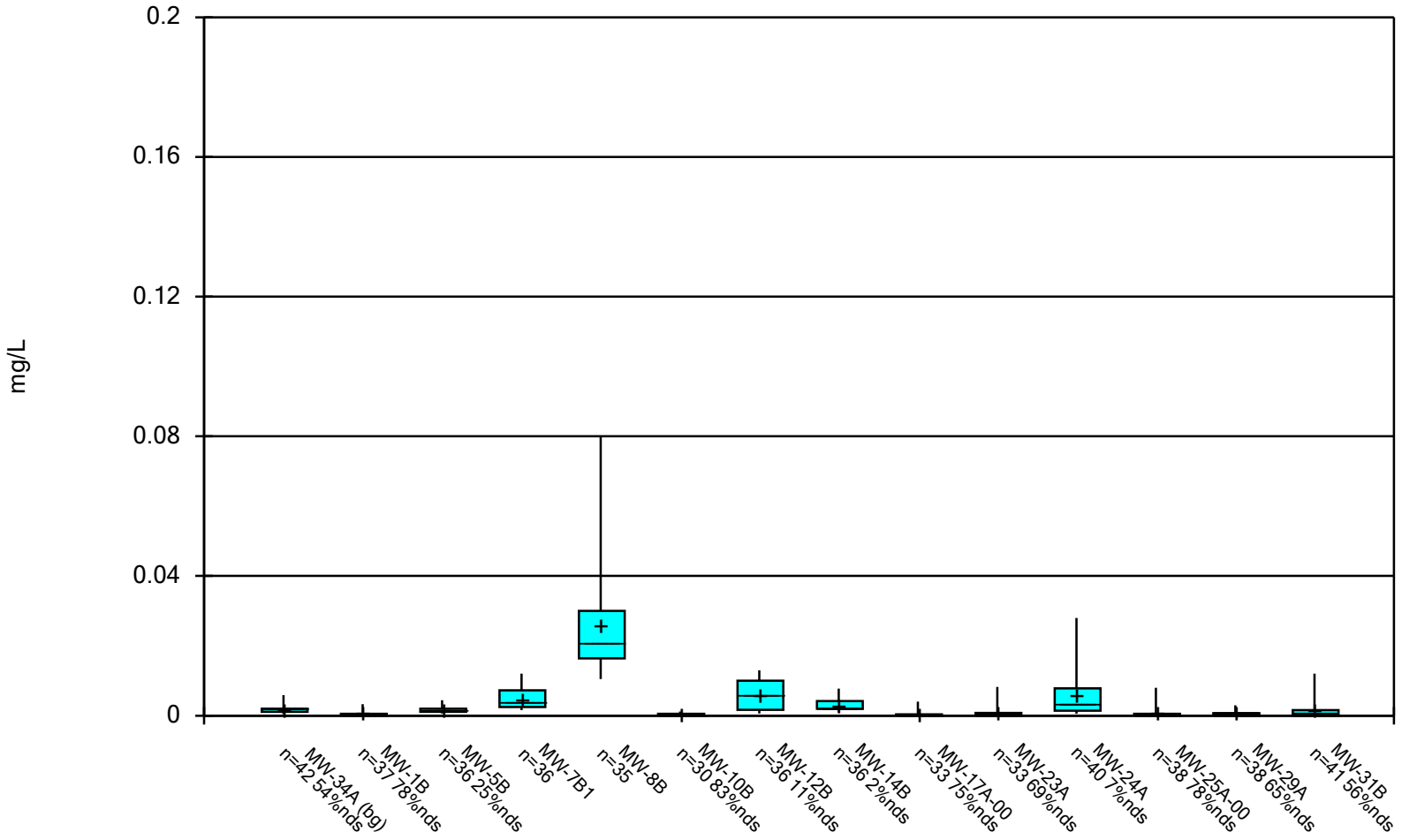
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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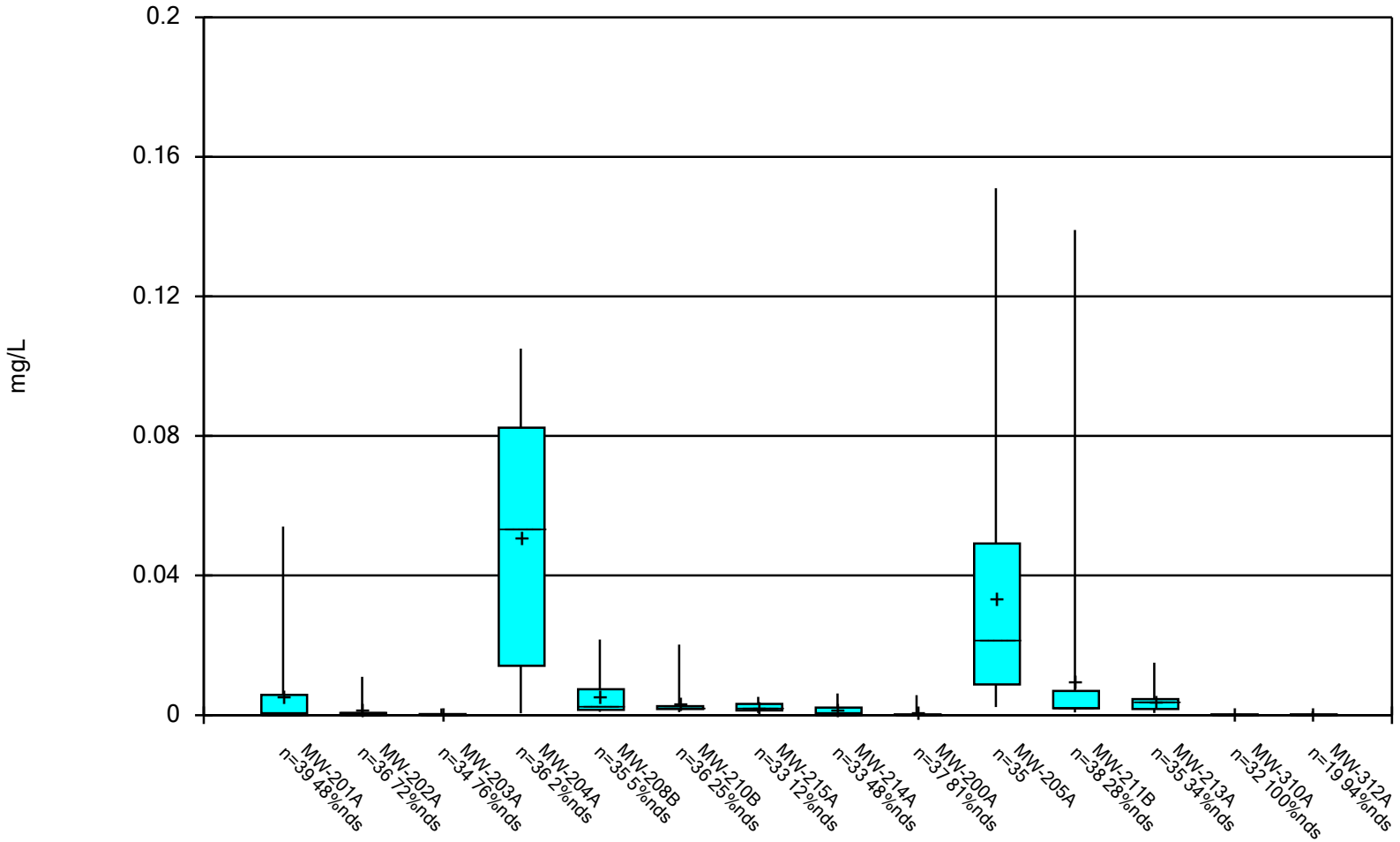
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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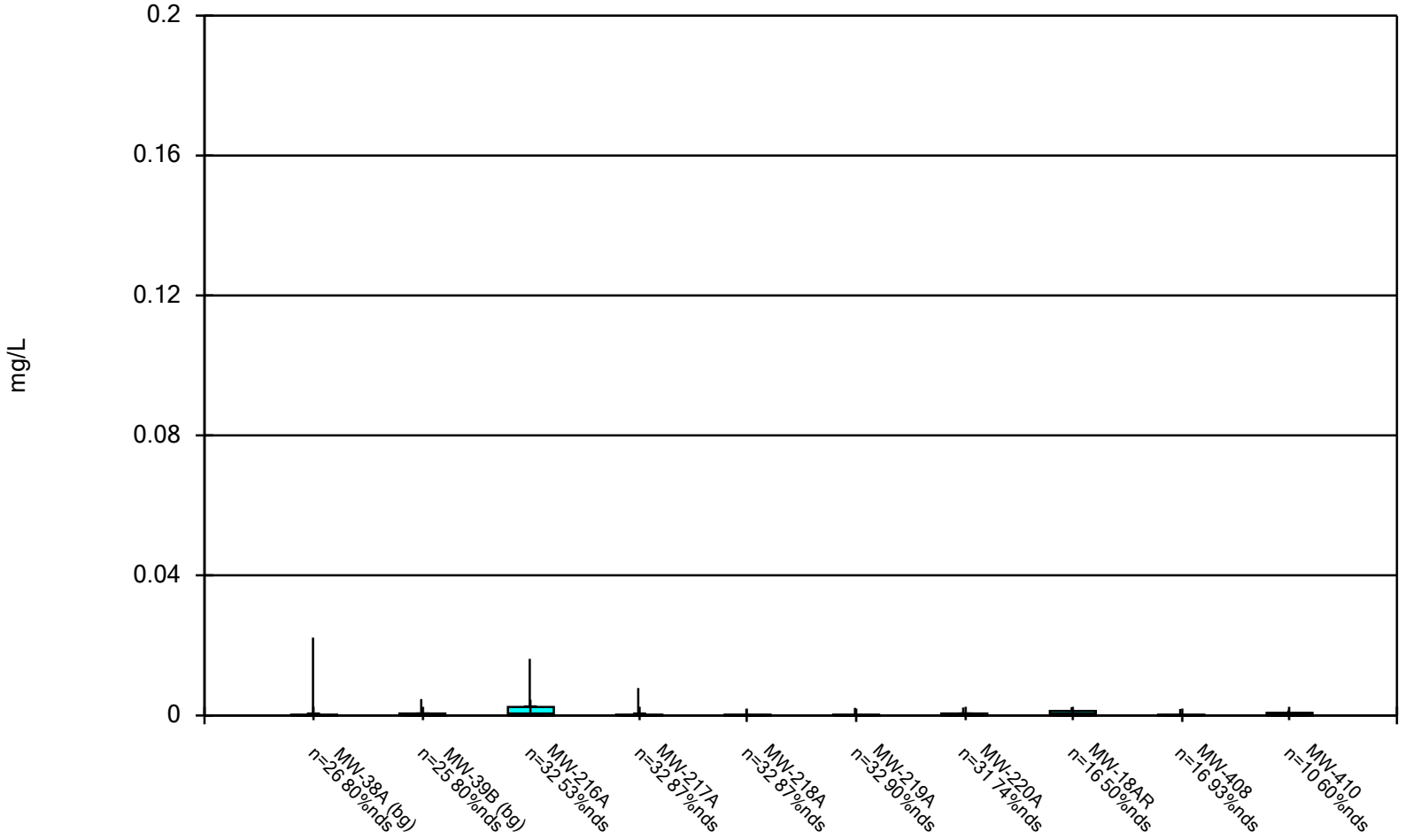
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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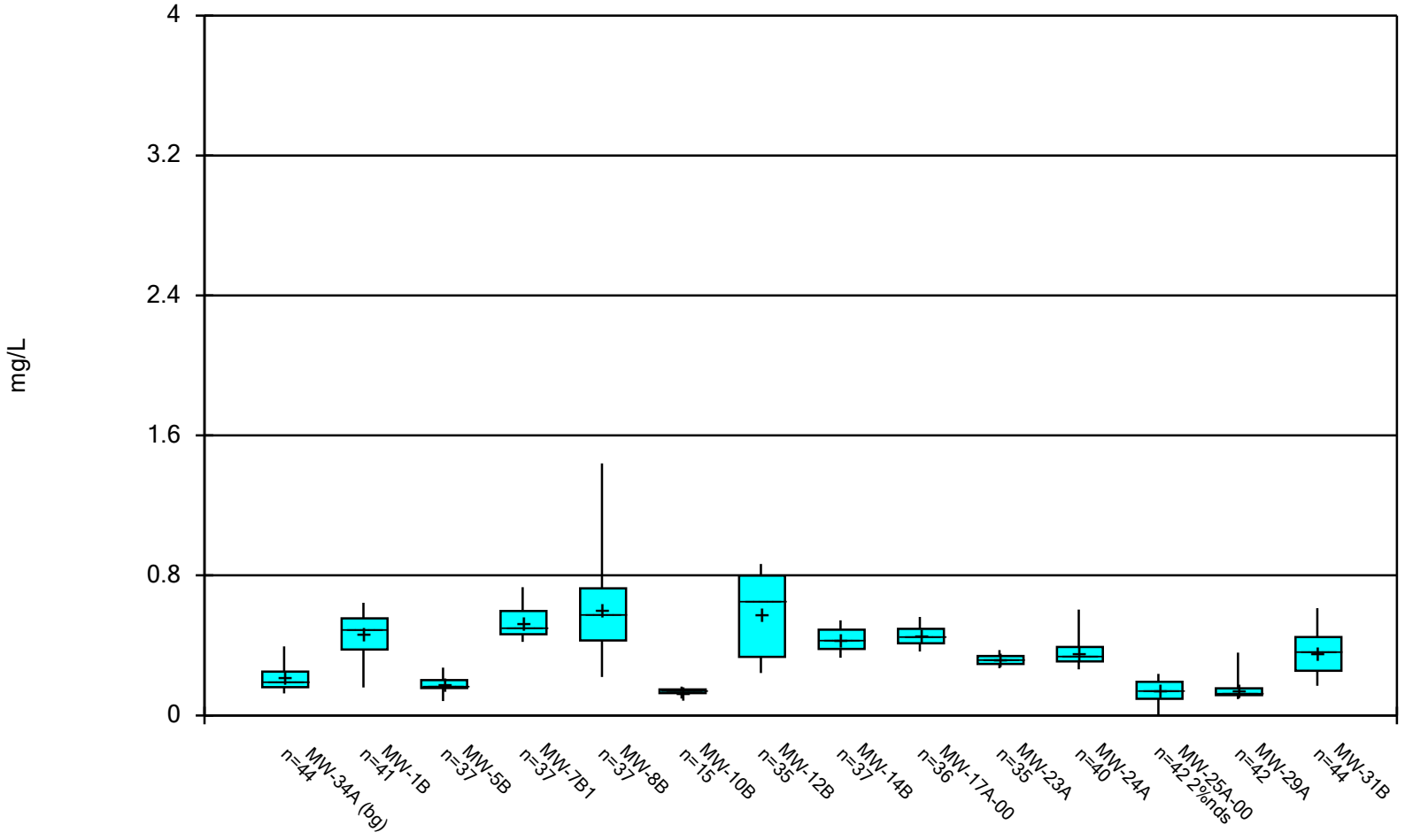
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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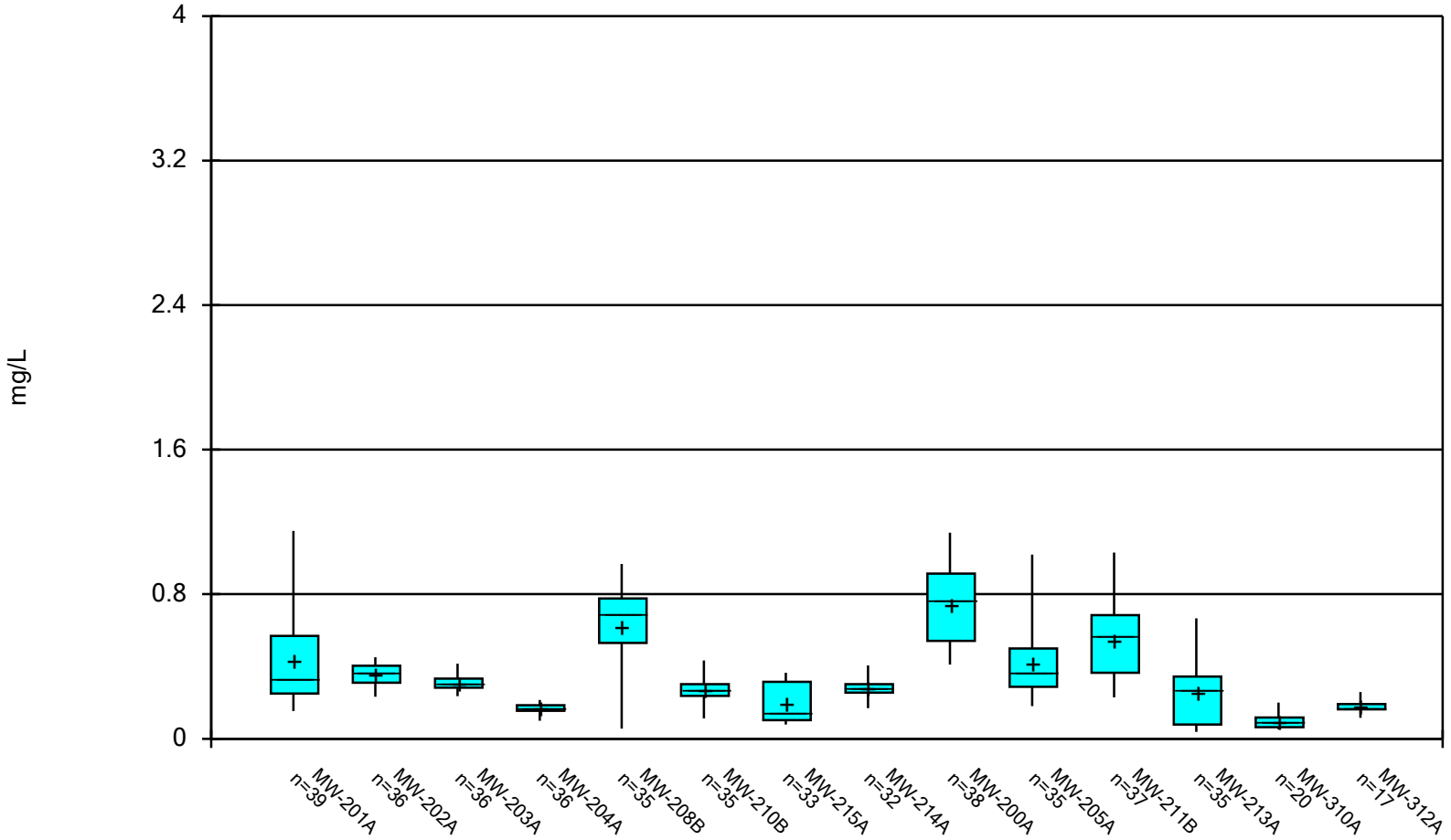
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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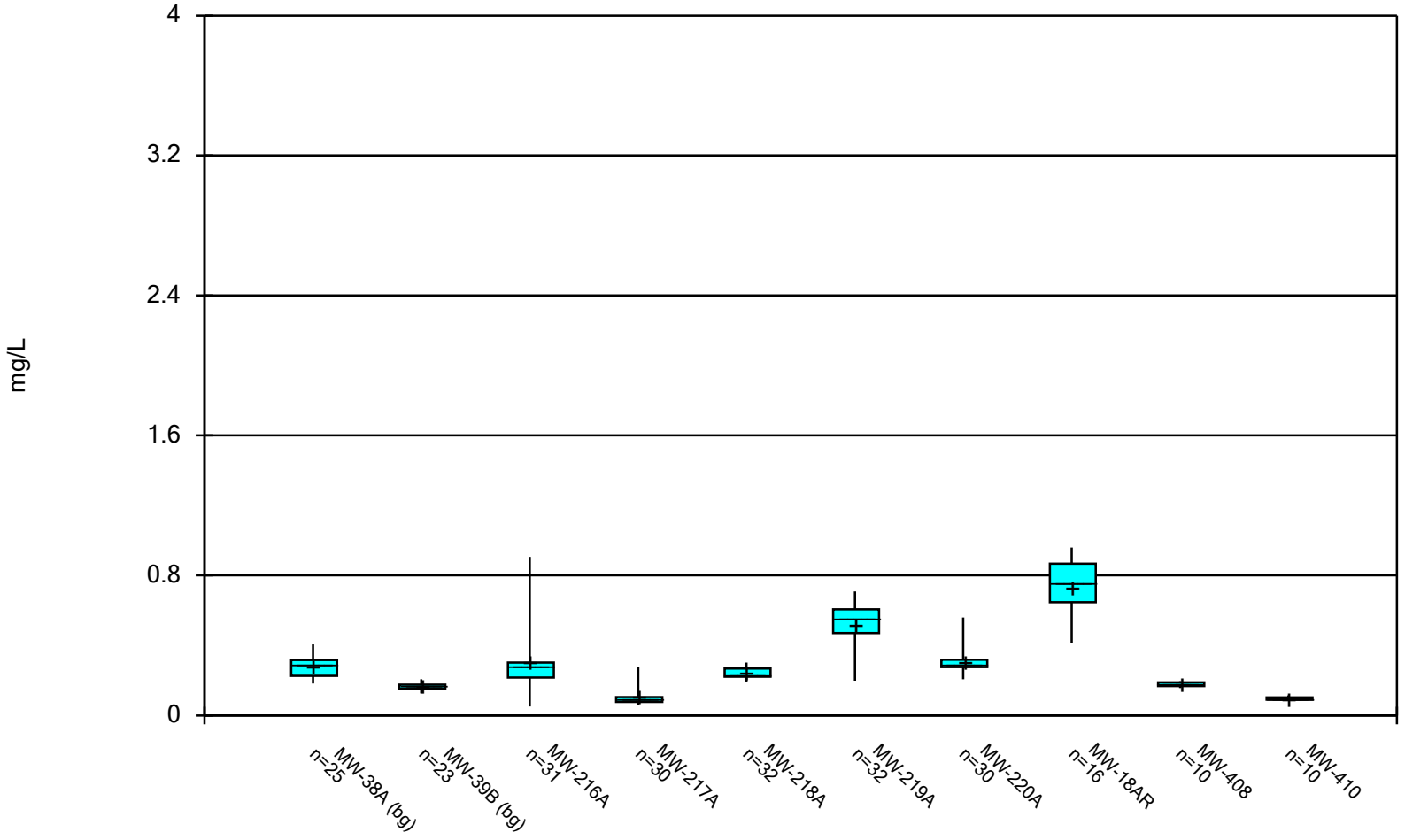
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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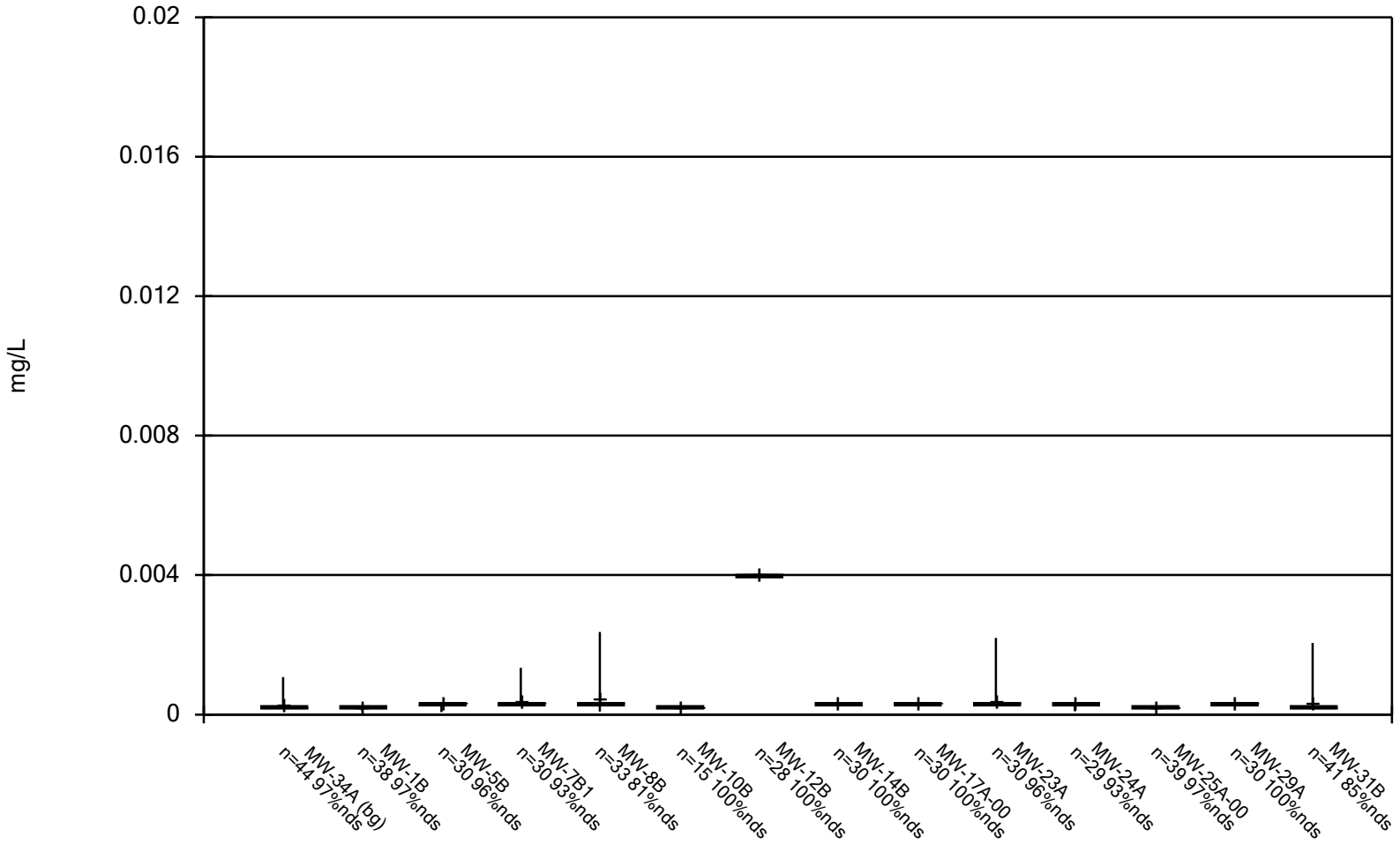
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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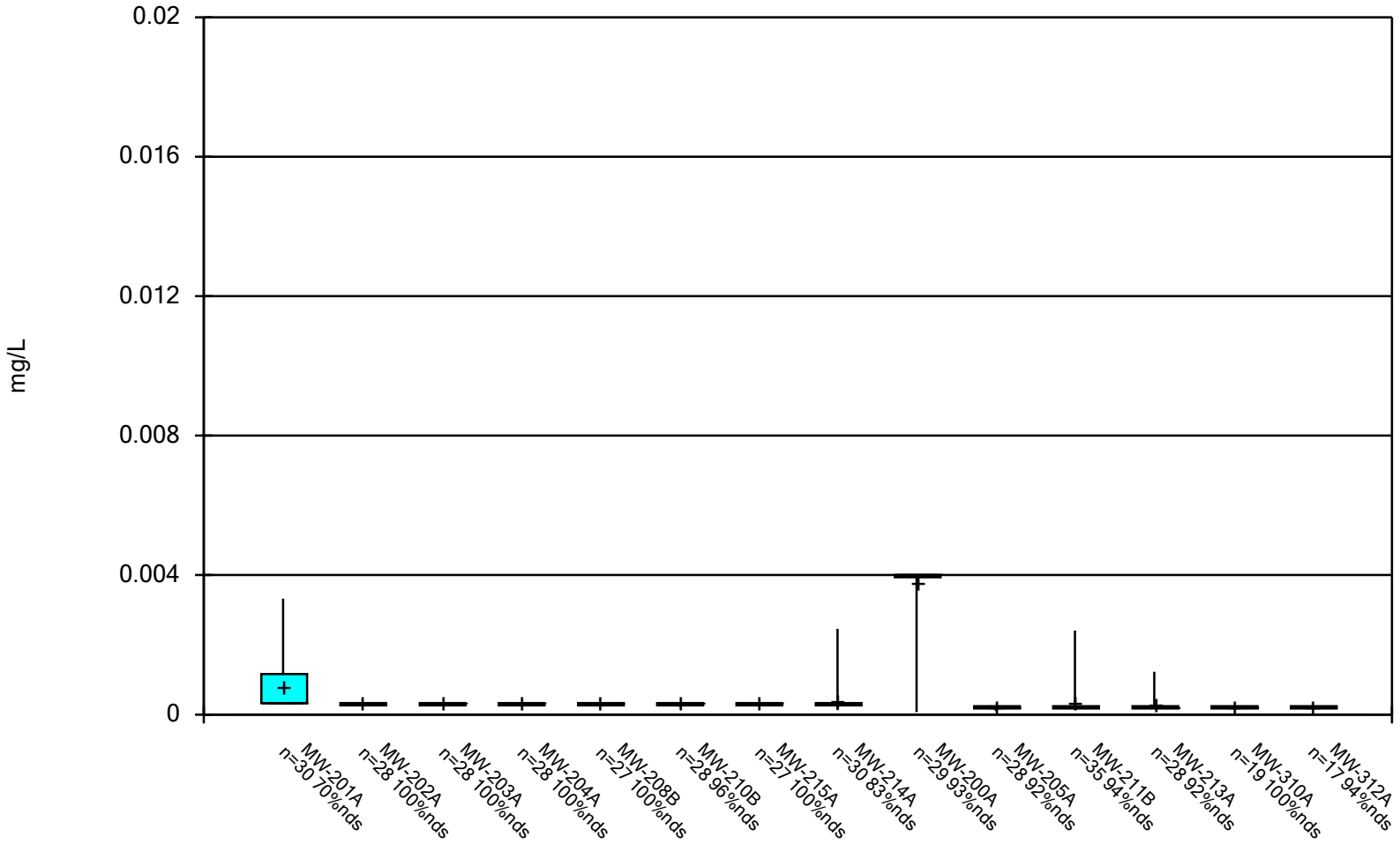
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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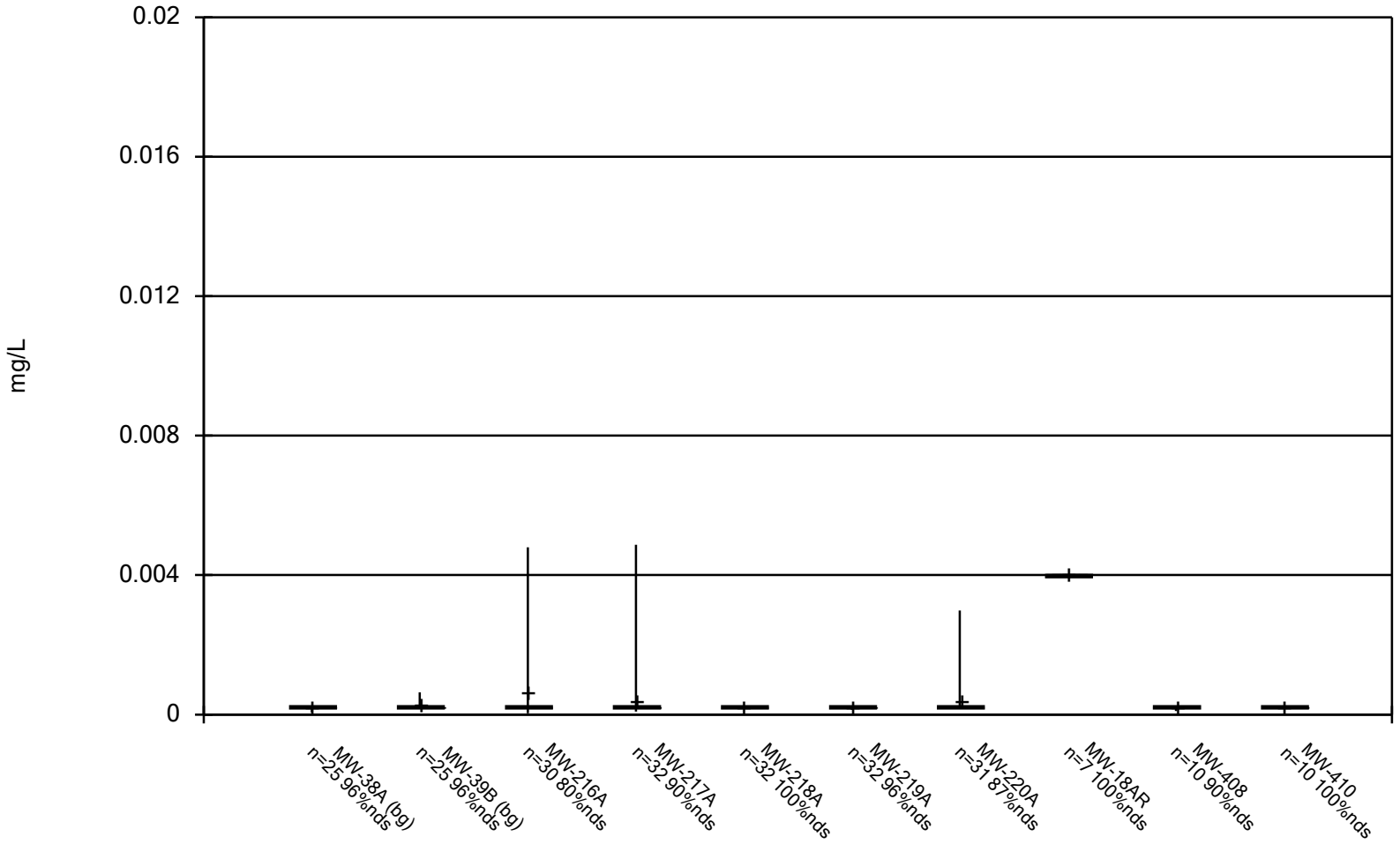
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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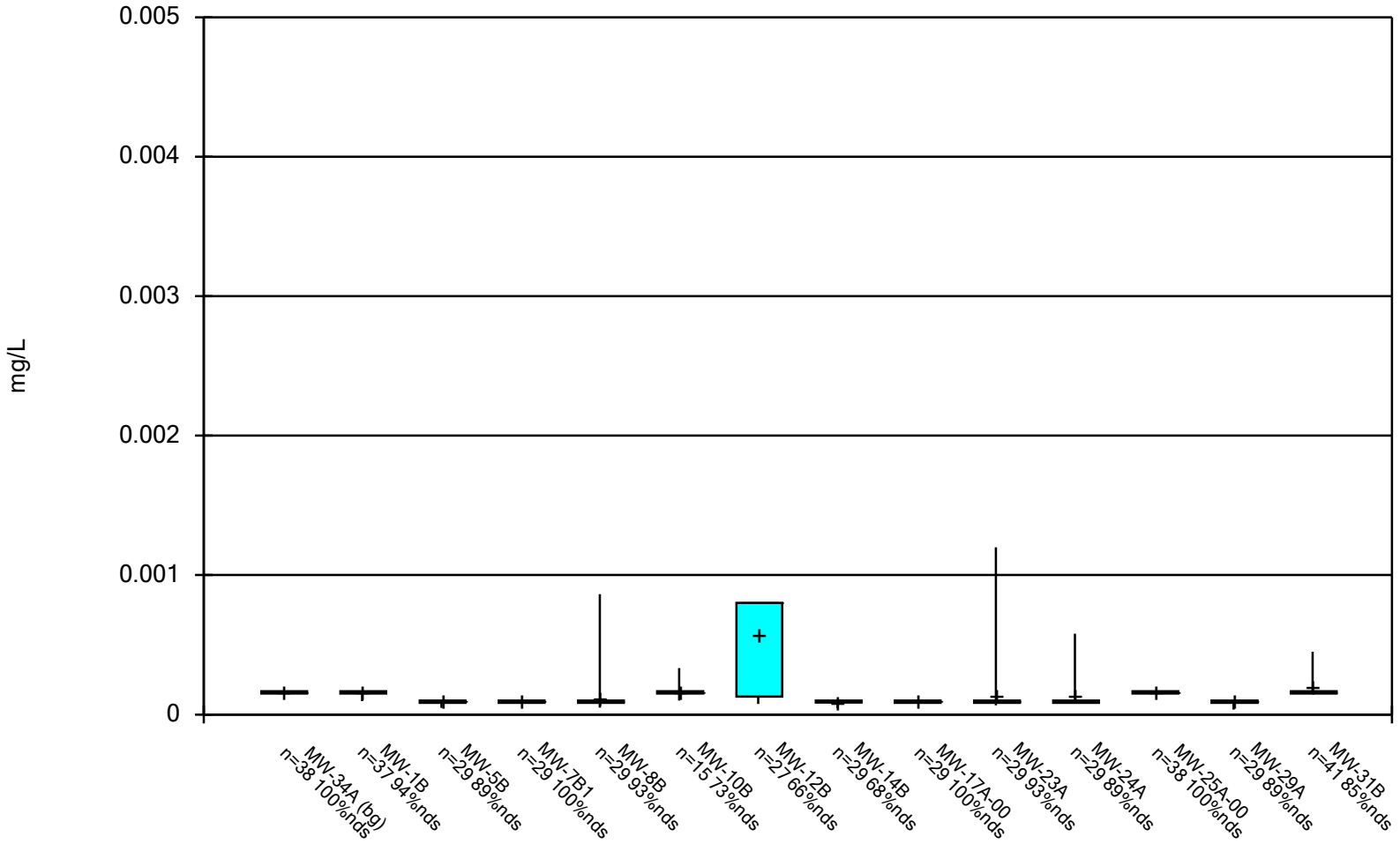
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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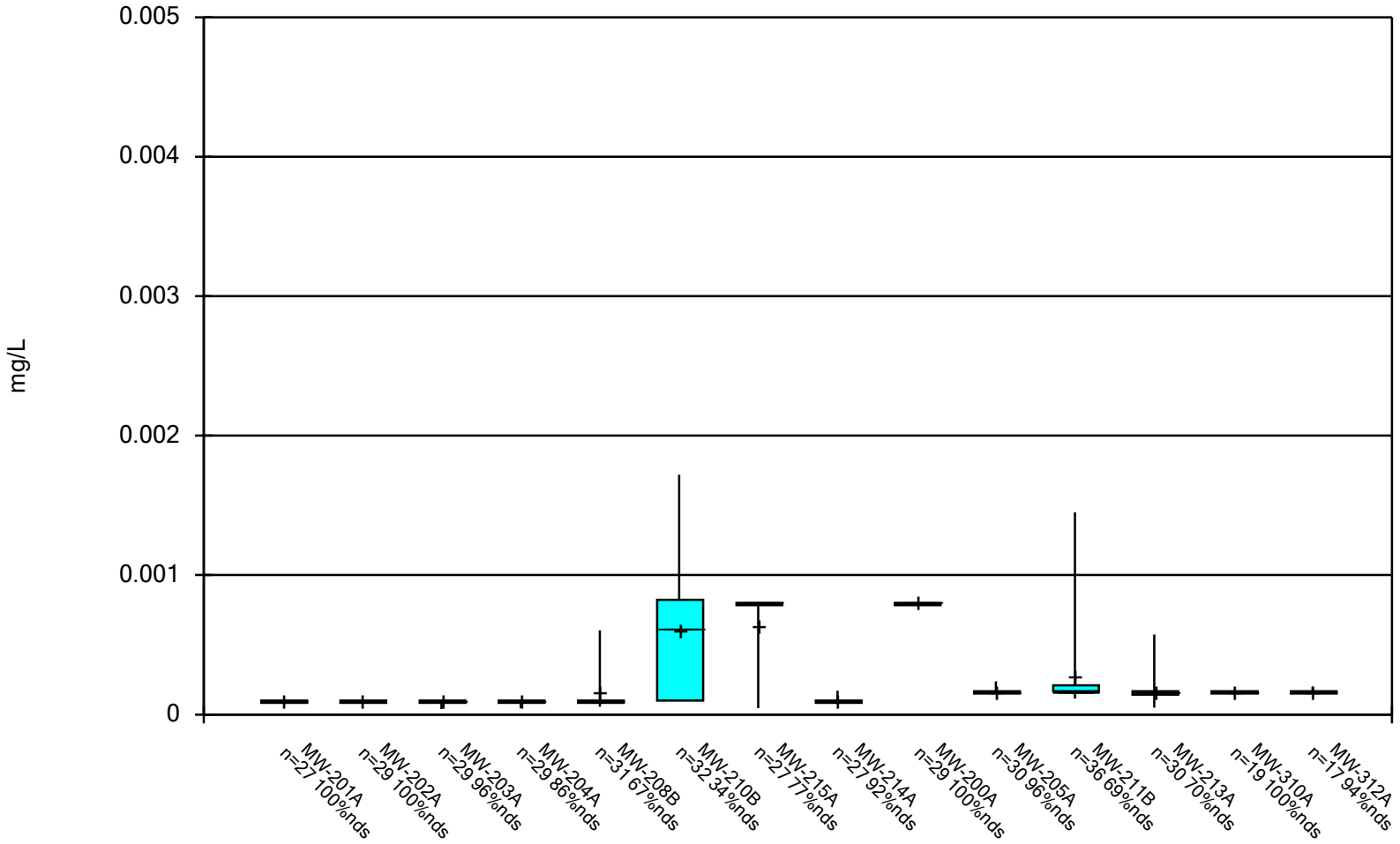
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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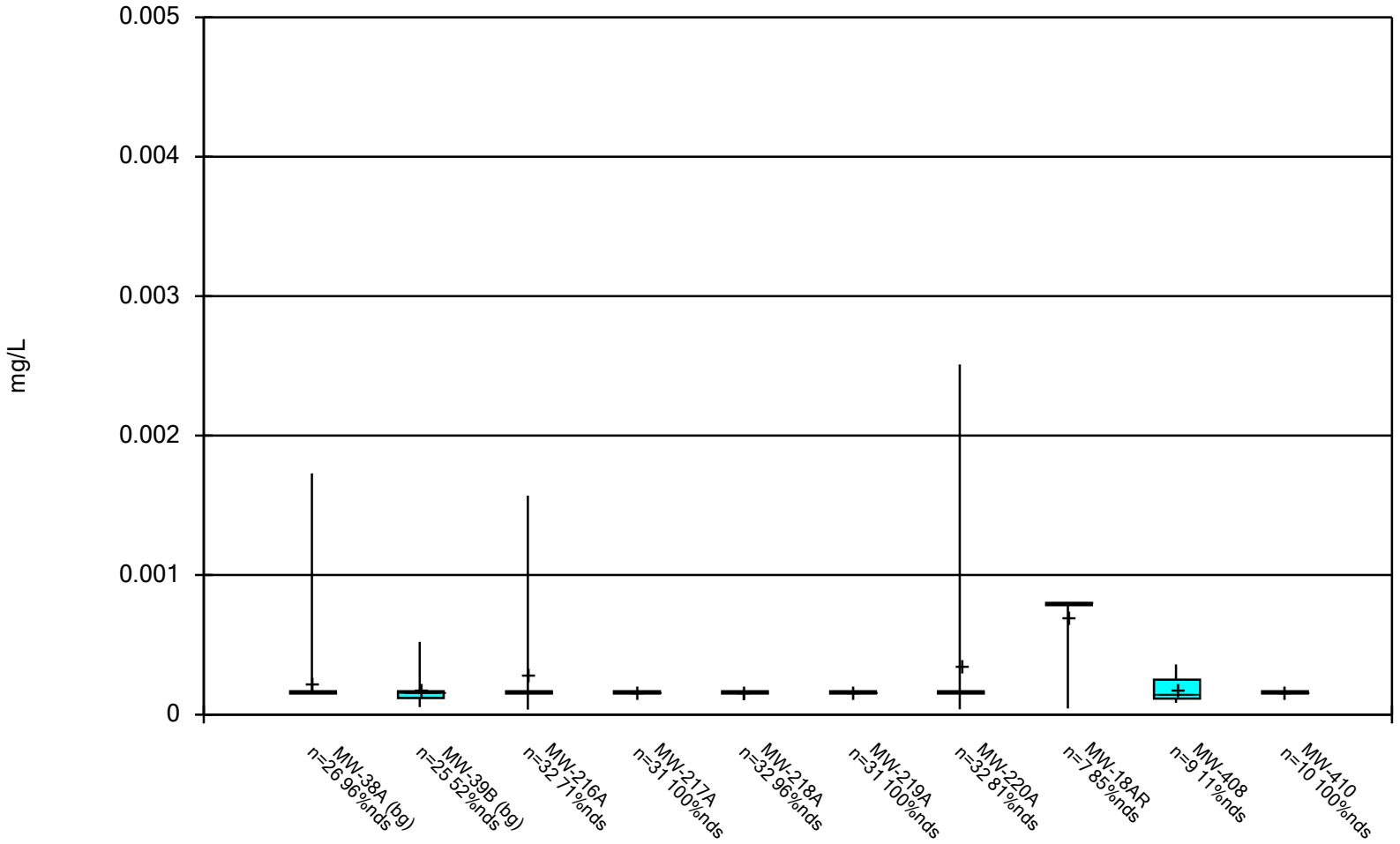
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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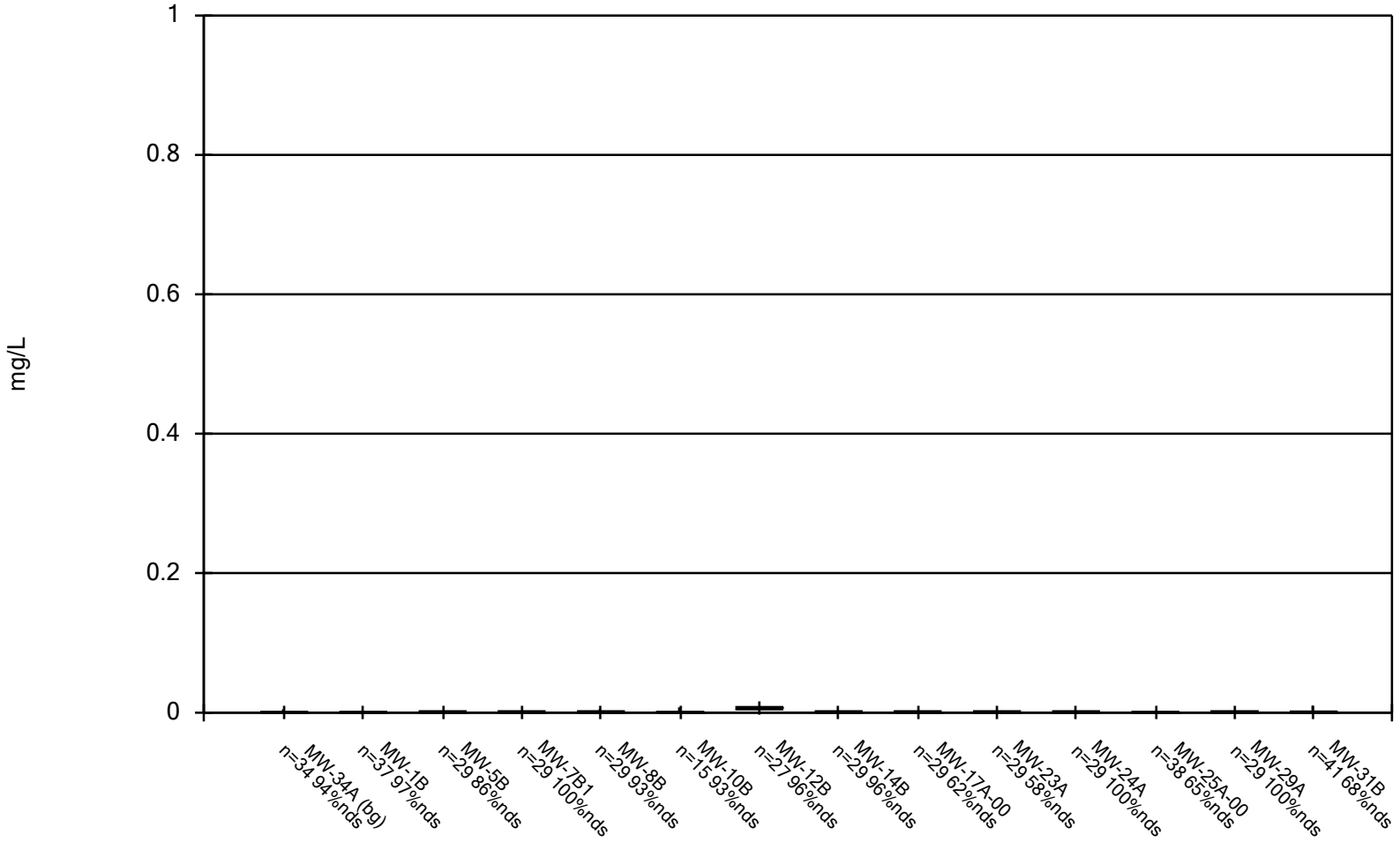
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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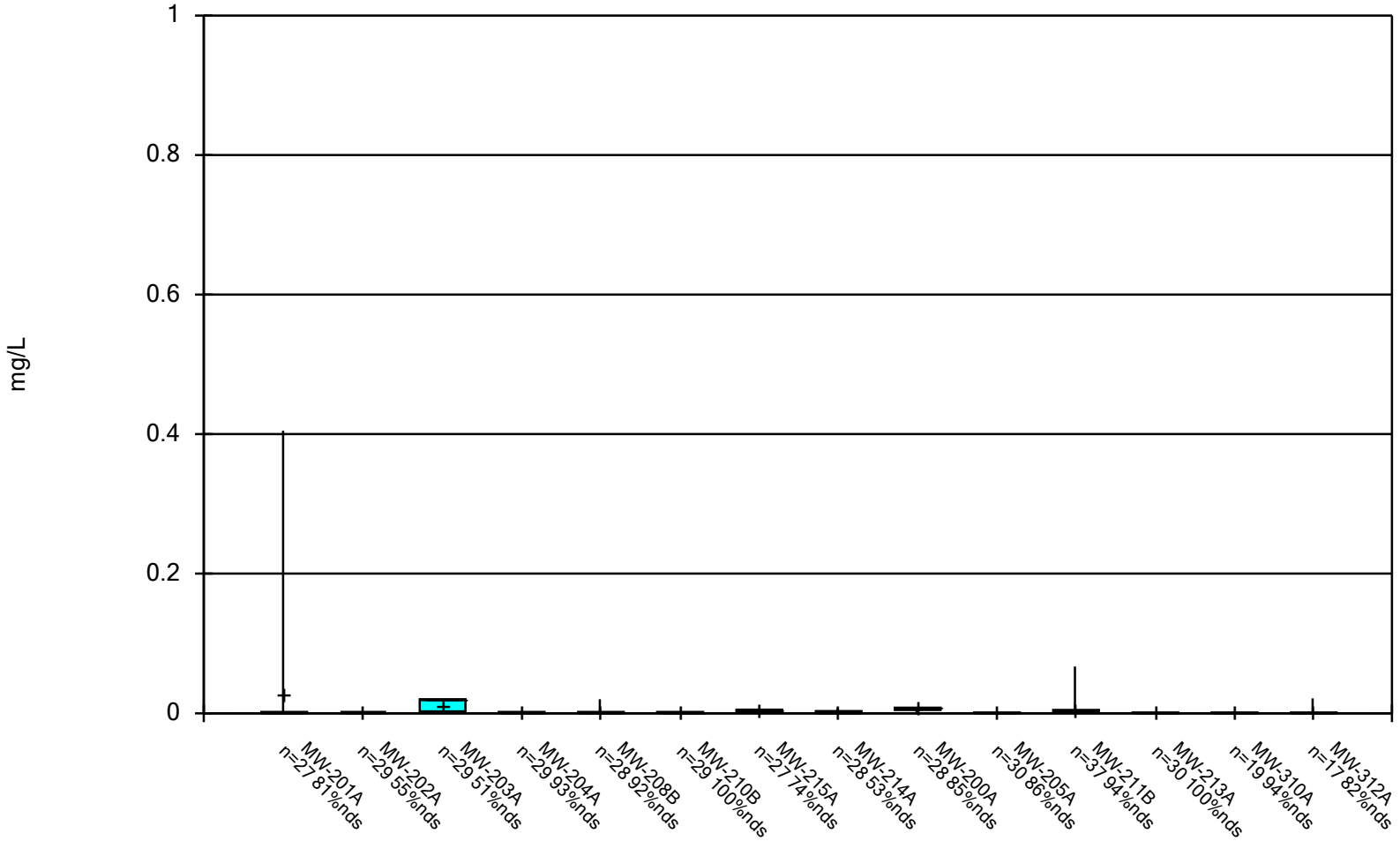
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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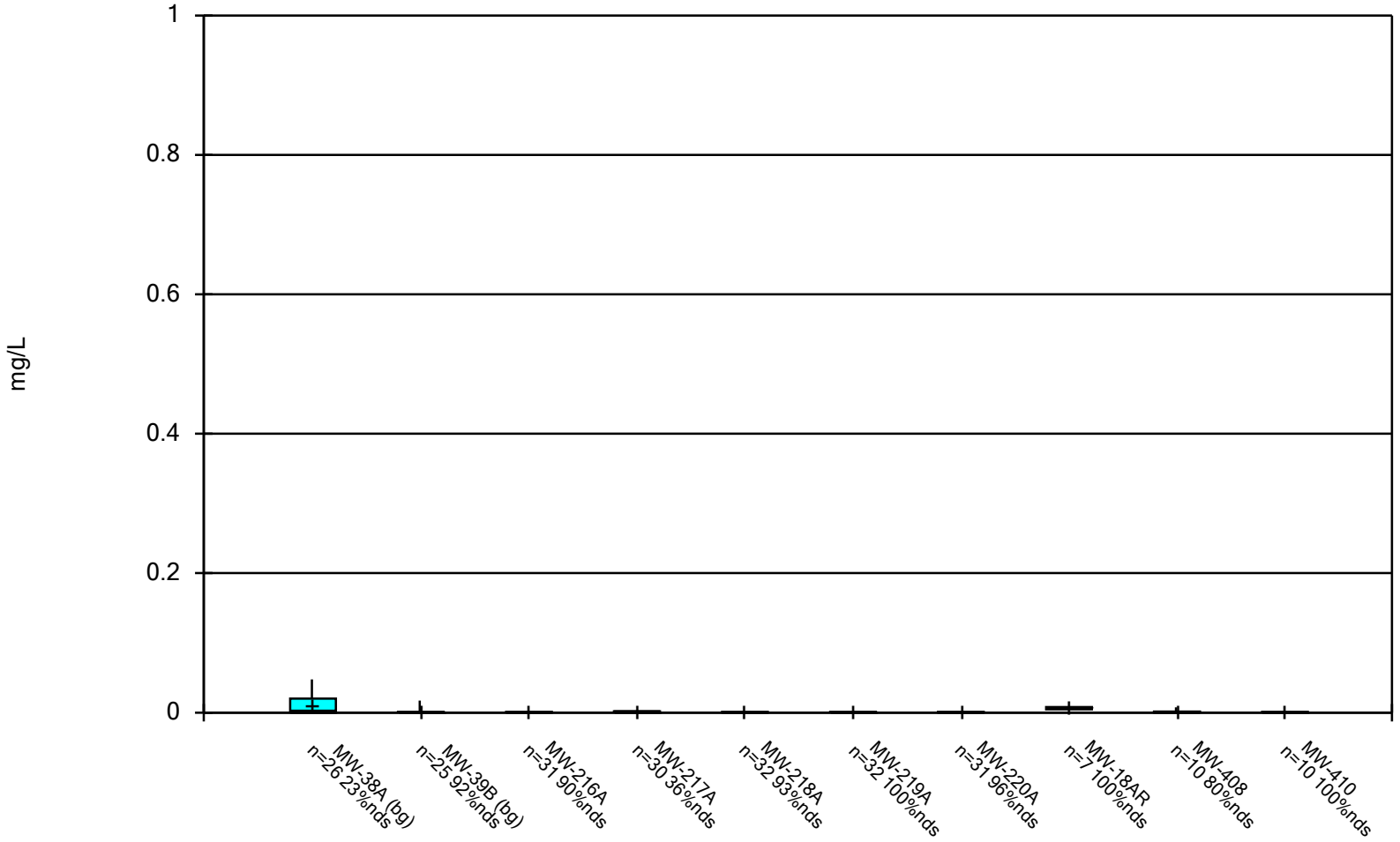
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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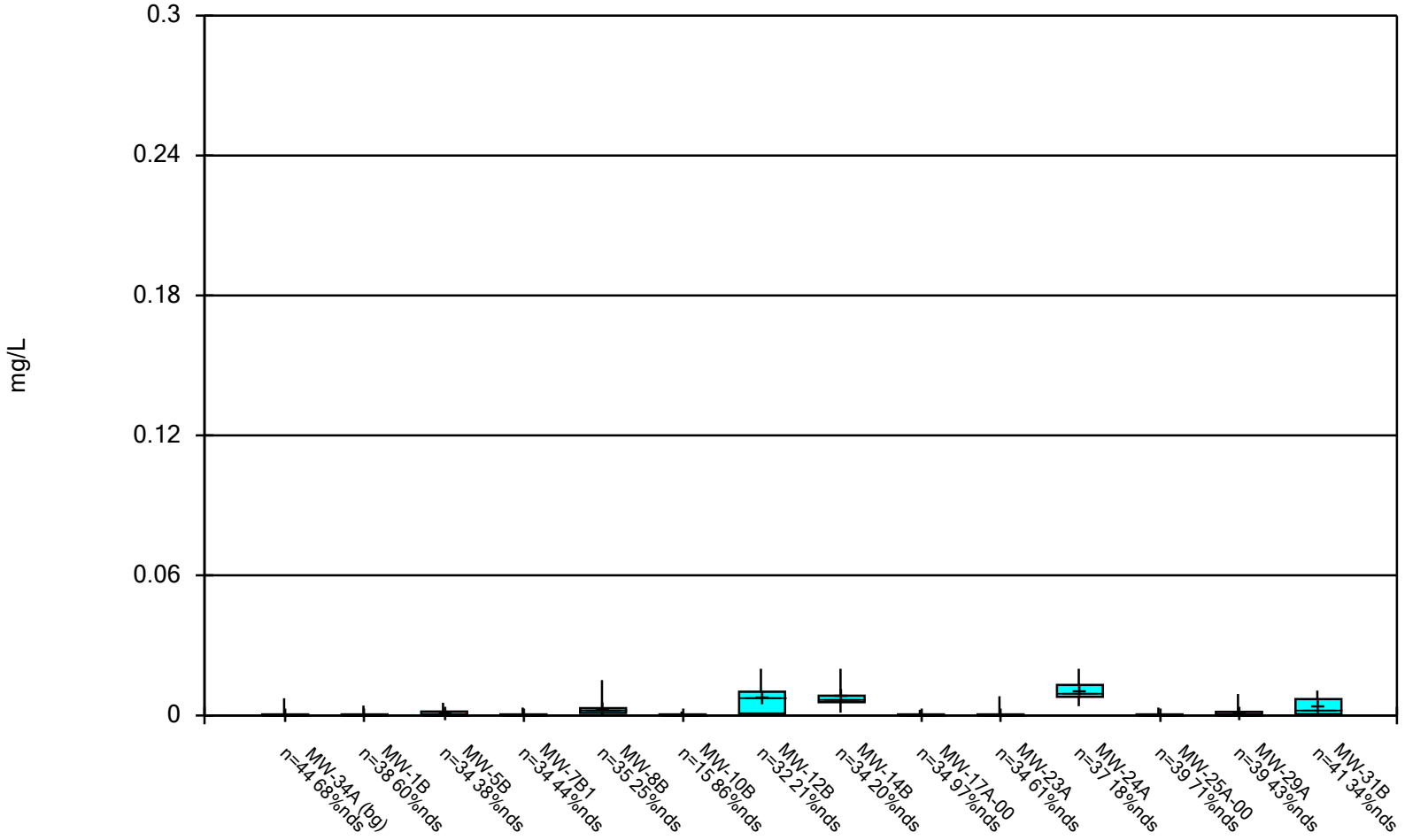
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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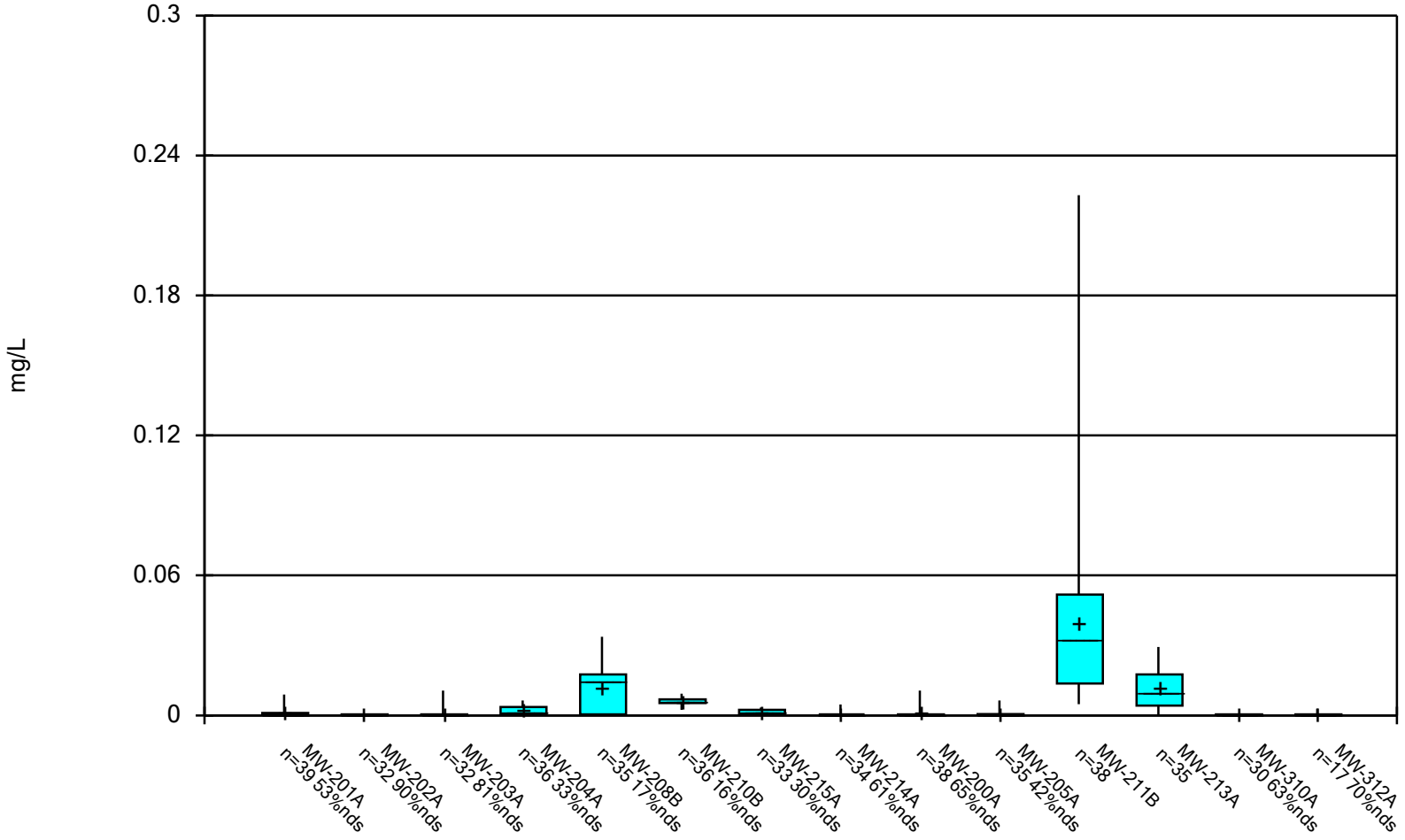
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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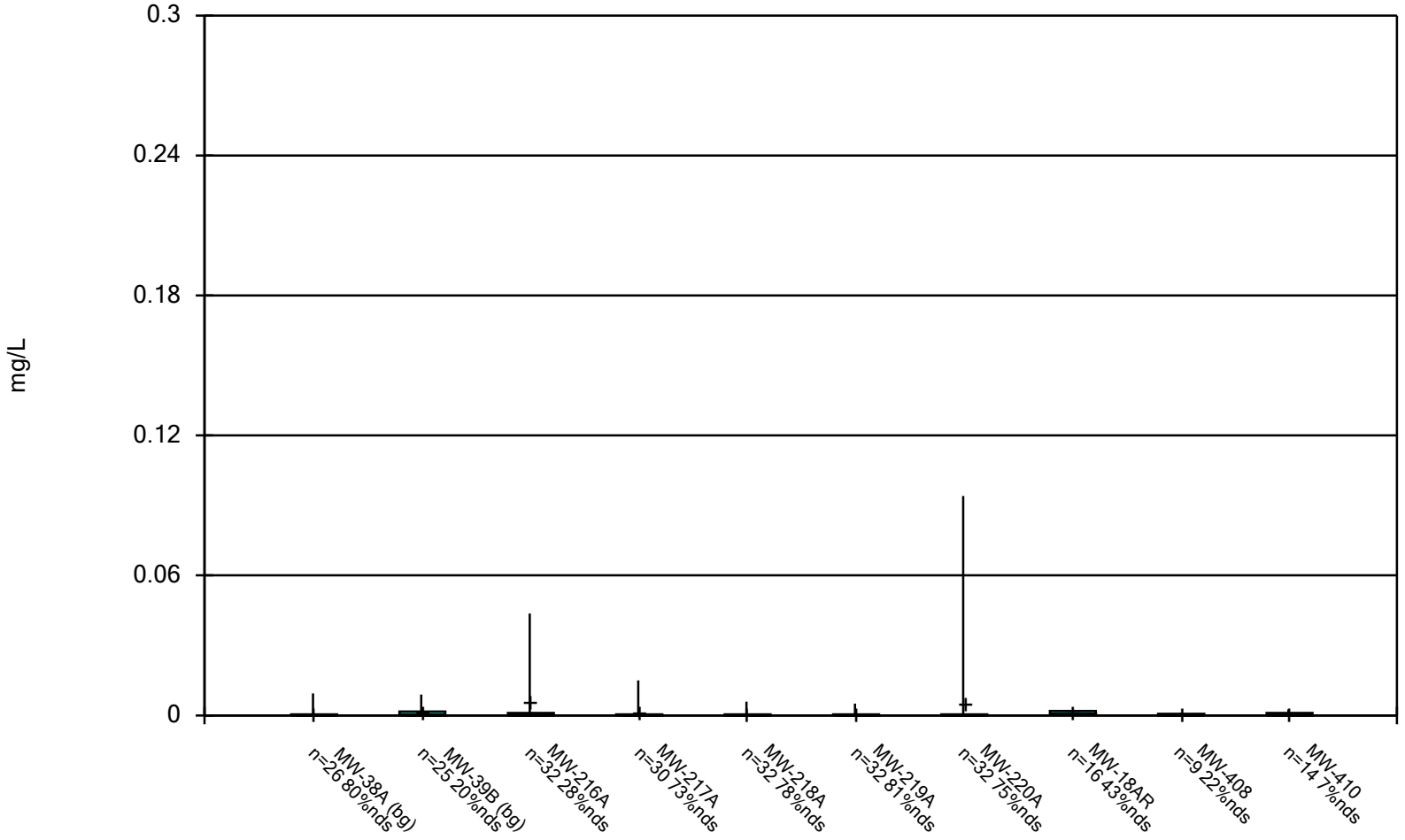
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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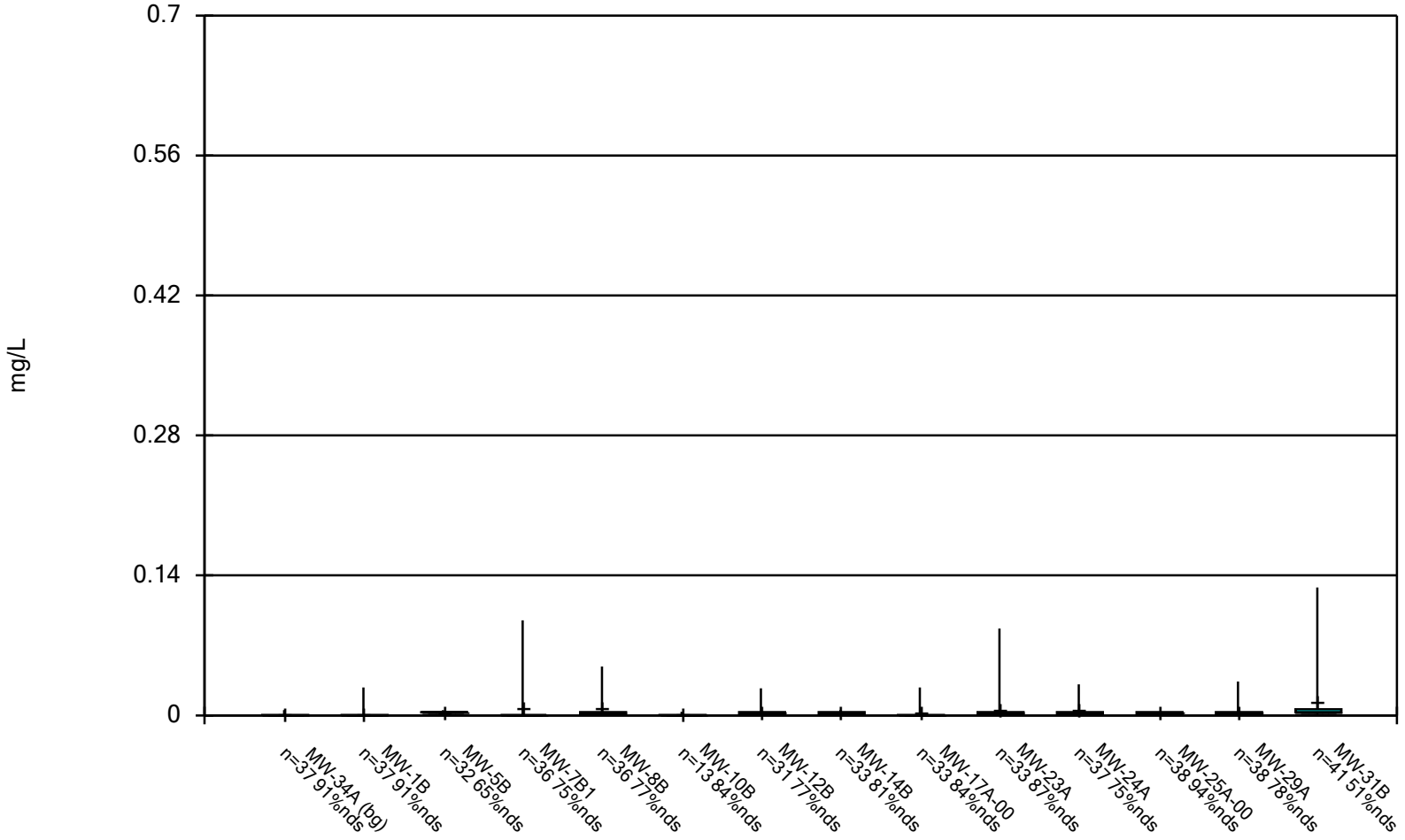
Box & Whiskers Plot



Constituent: Copper Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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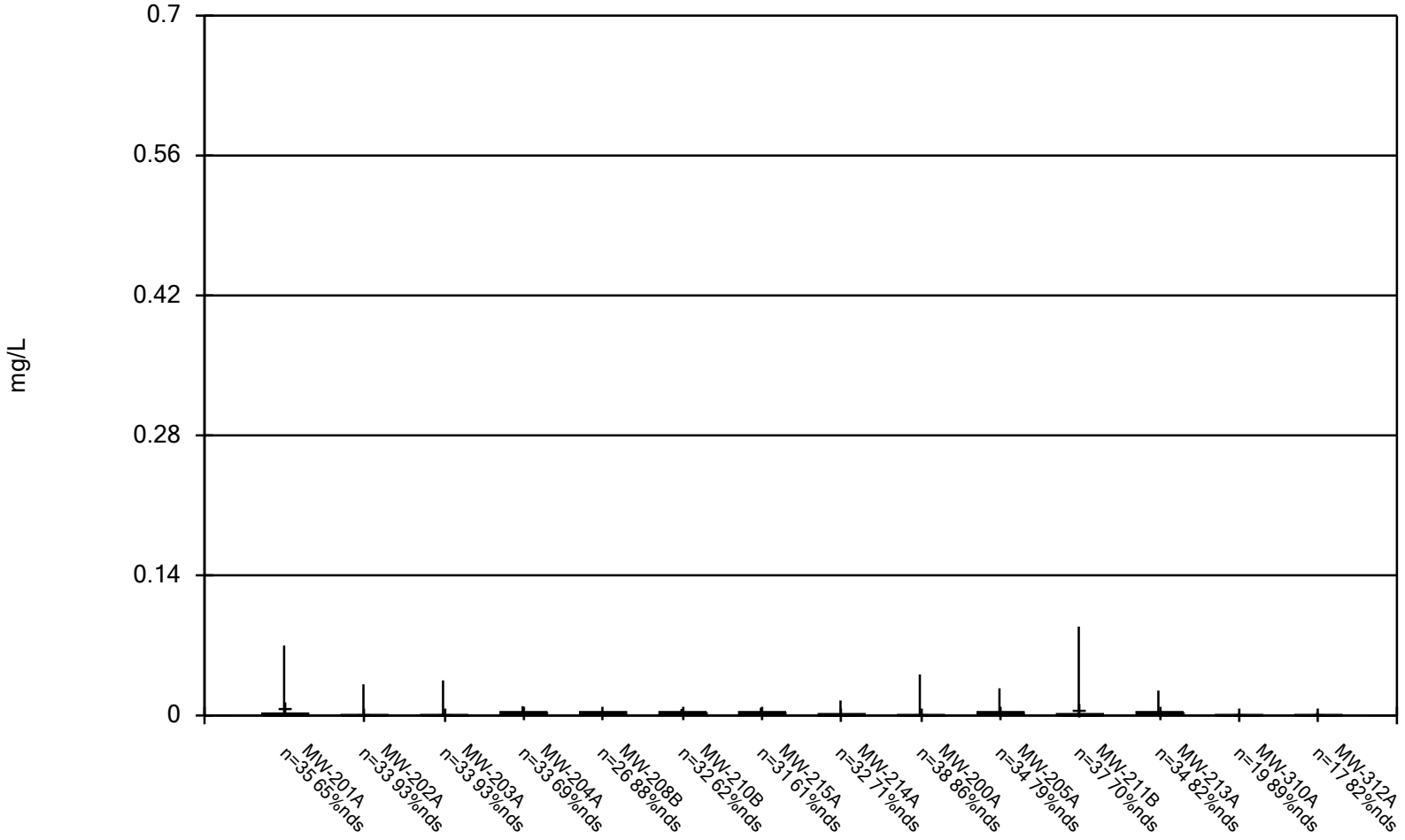
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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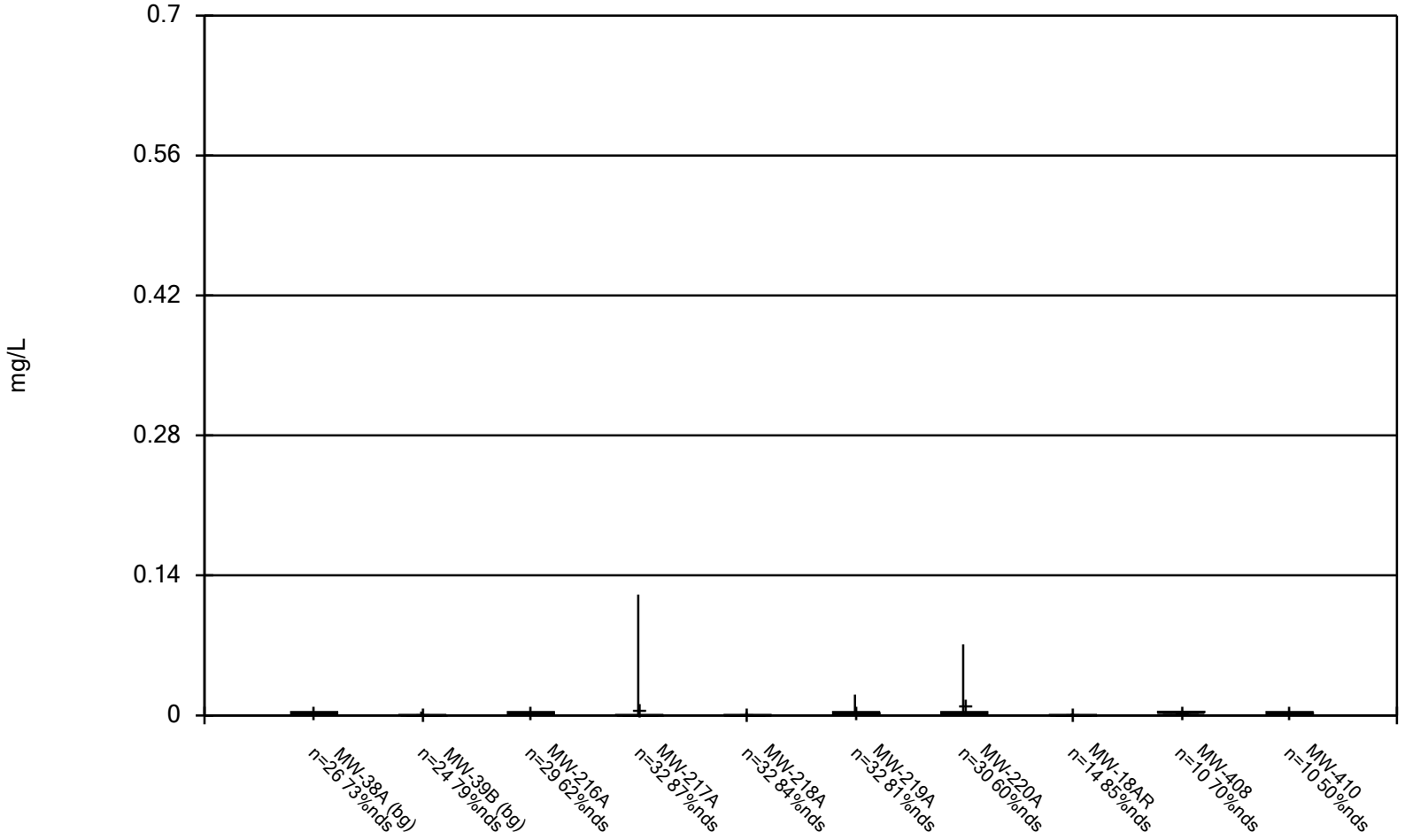
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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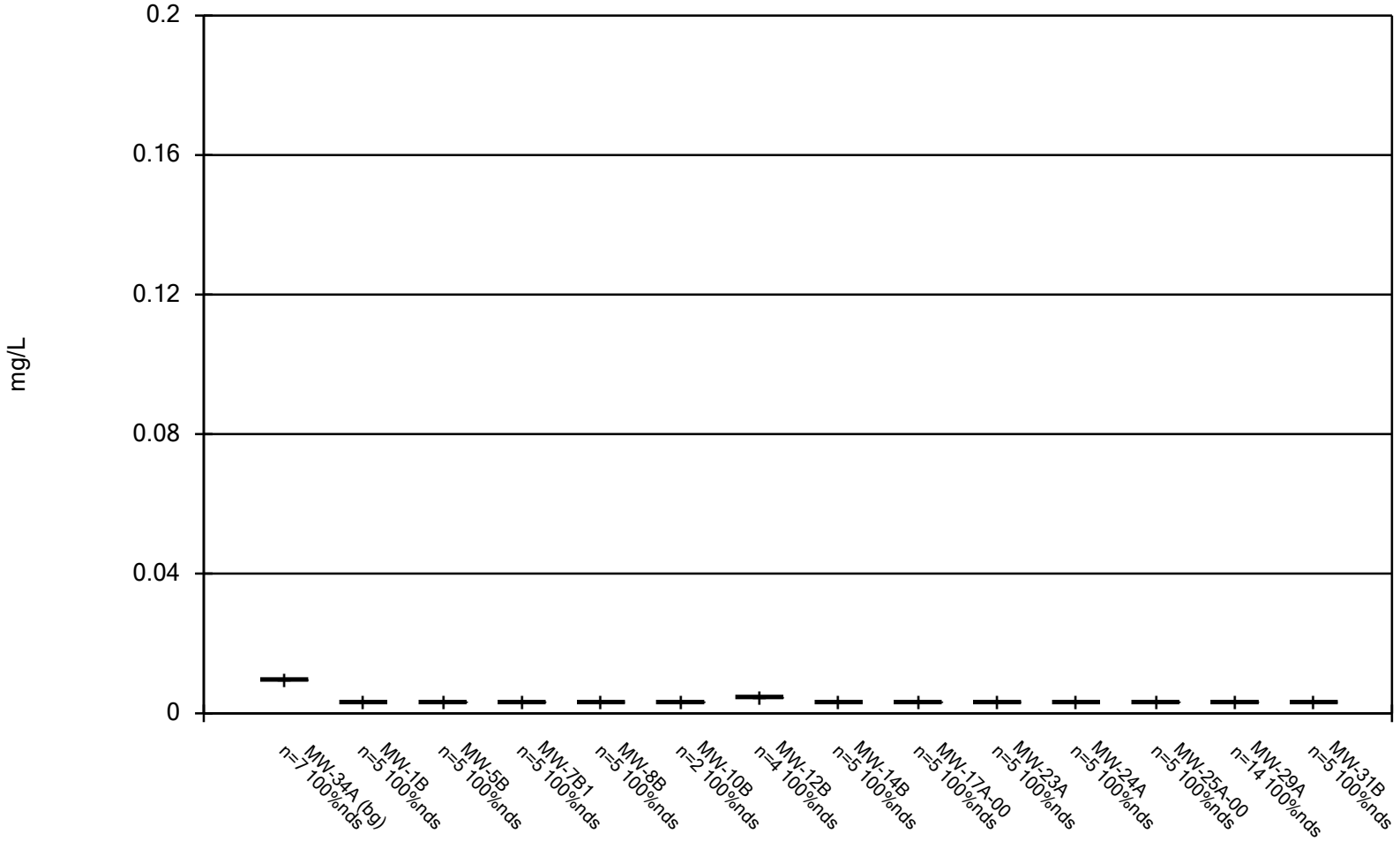
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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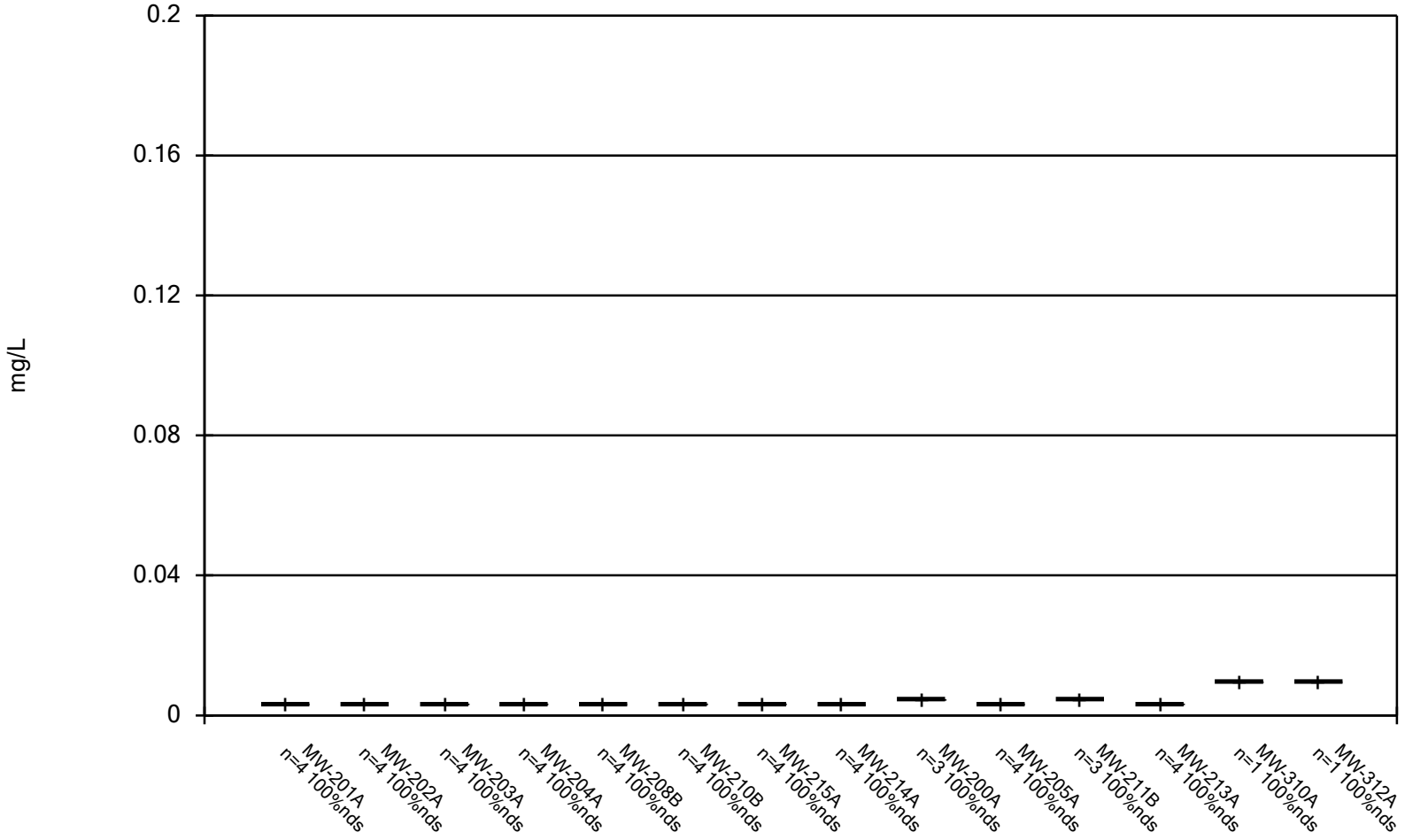
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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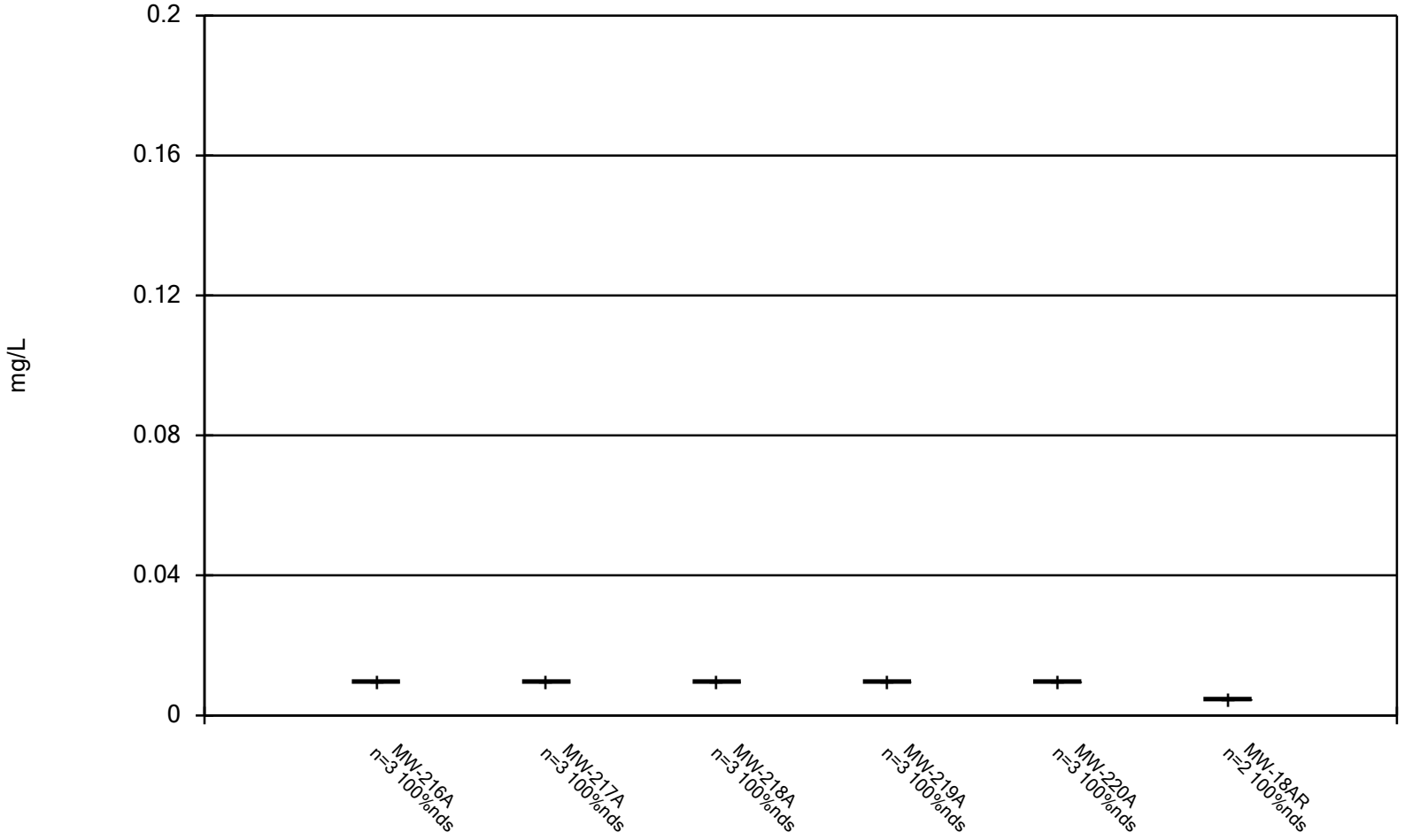
Box & Whiskers Plot



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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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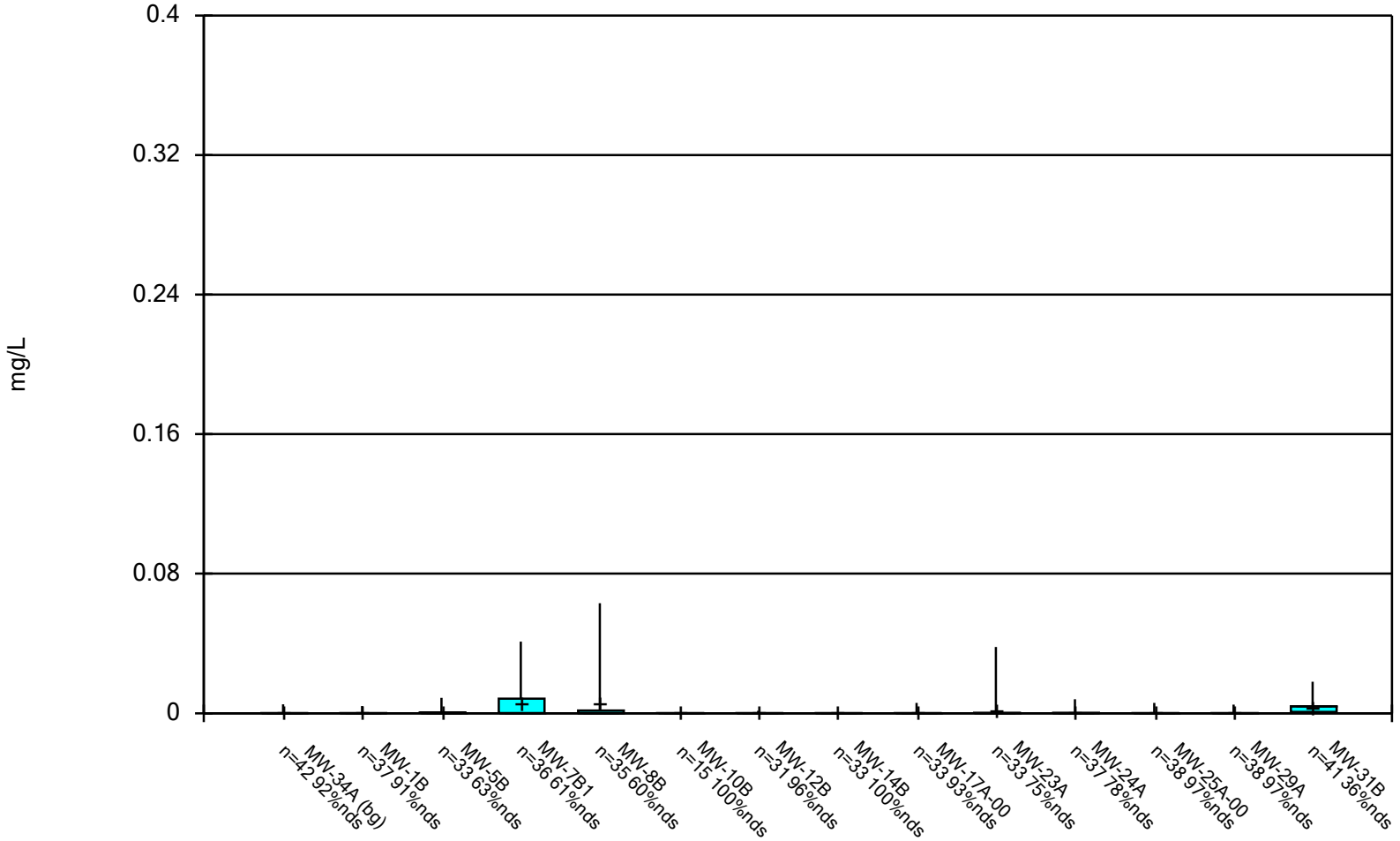
Box & Whiskers Plot



Constituent: Lead Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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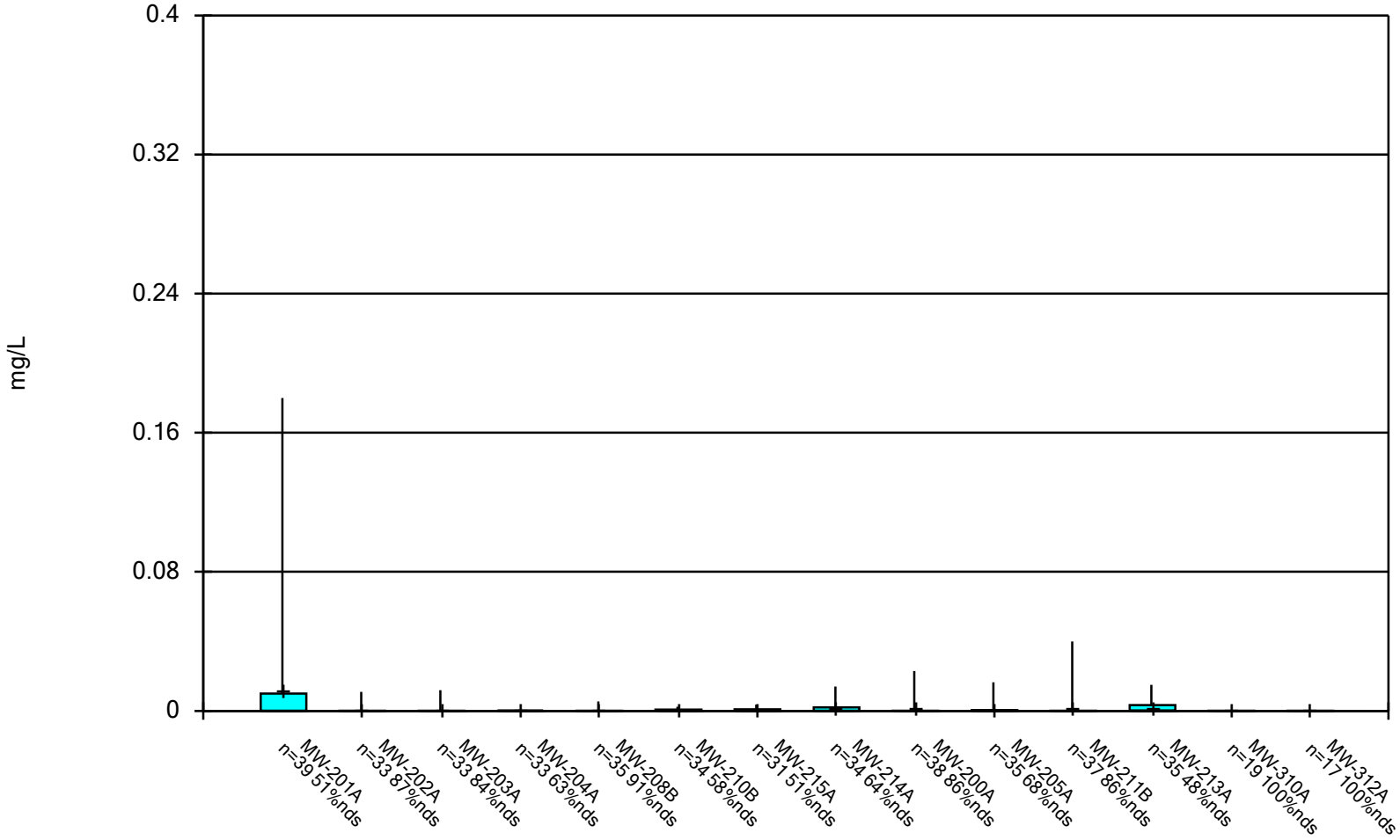
Box & Whiskers Plot



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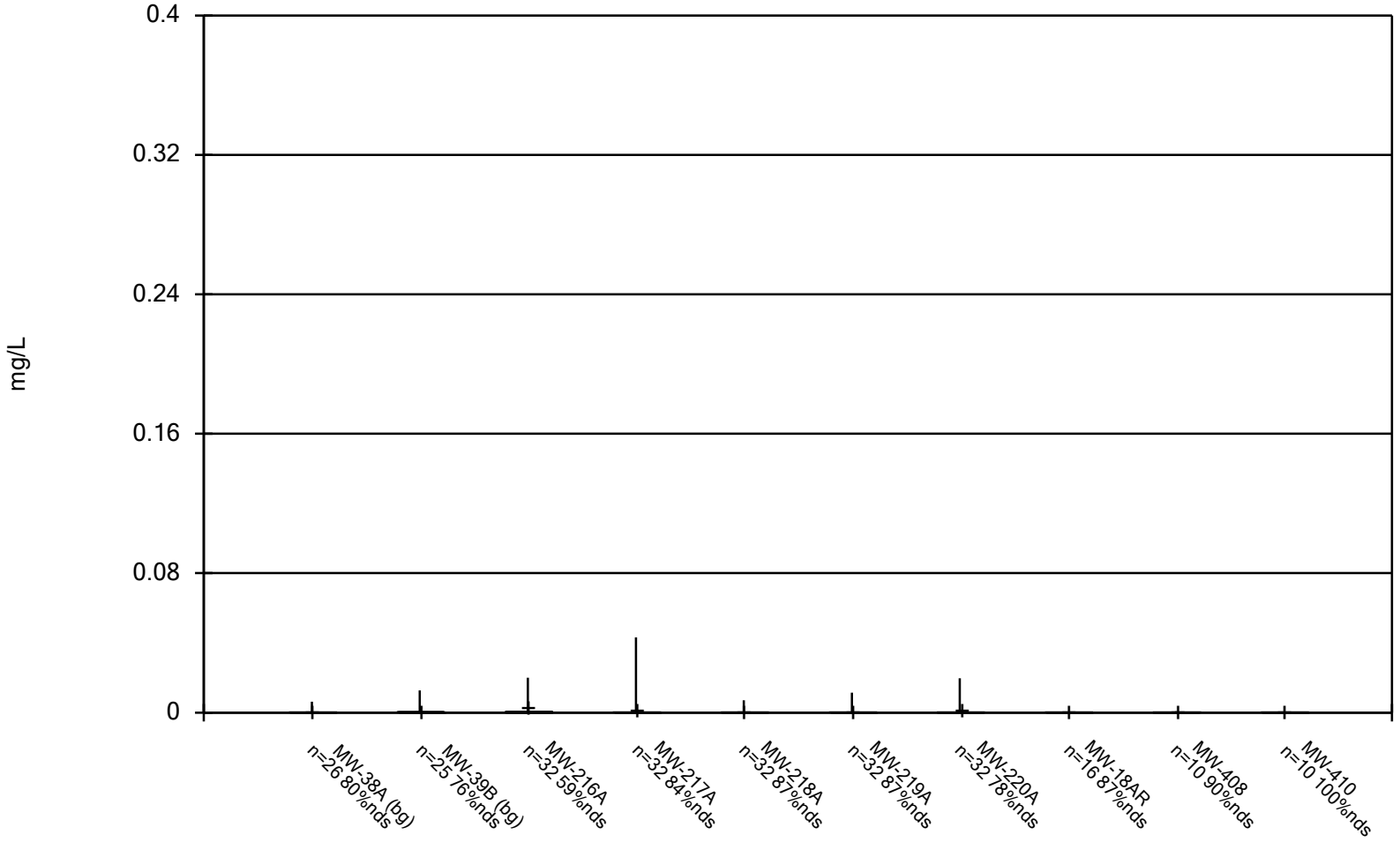
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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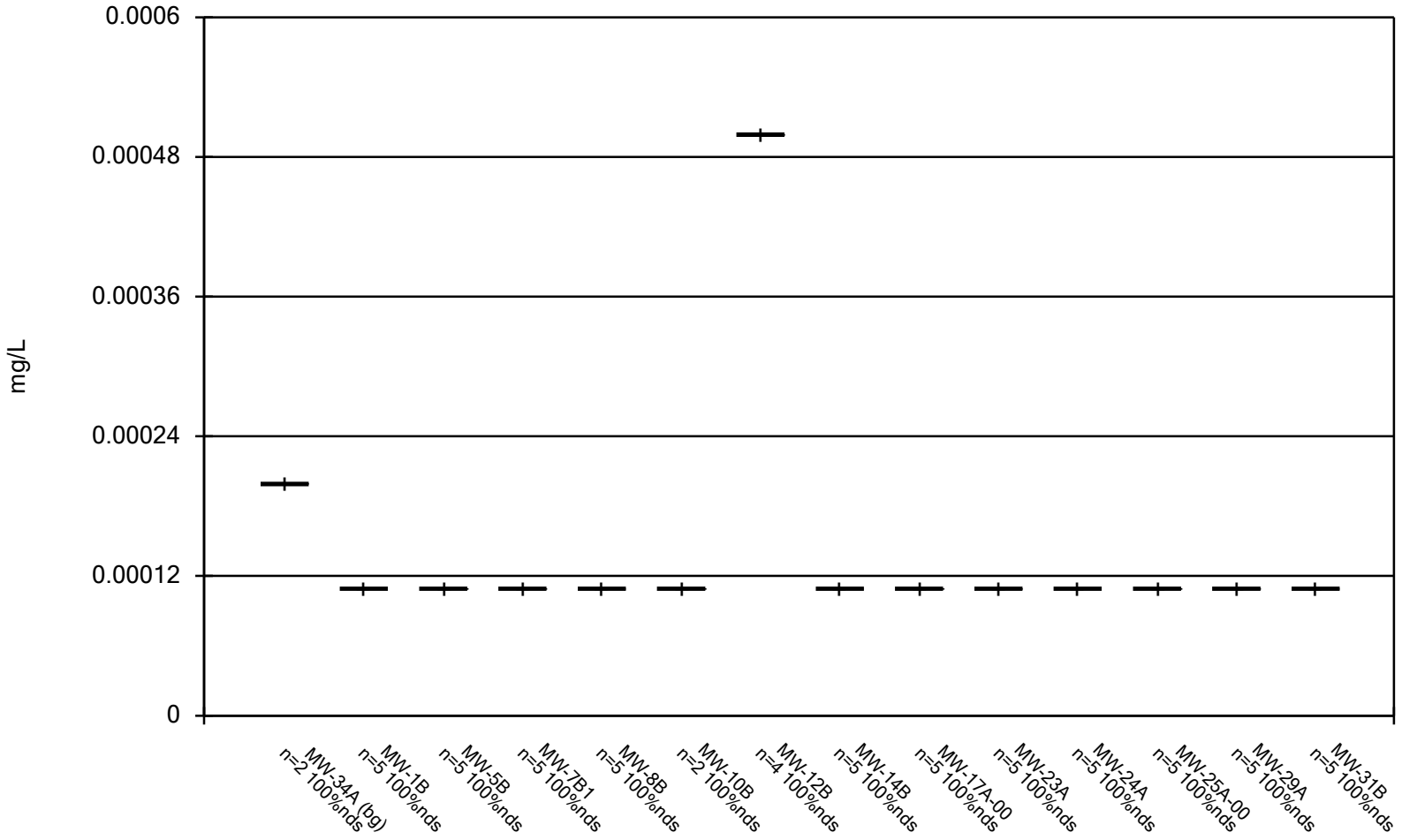
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

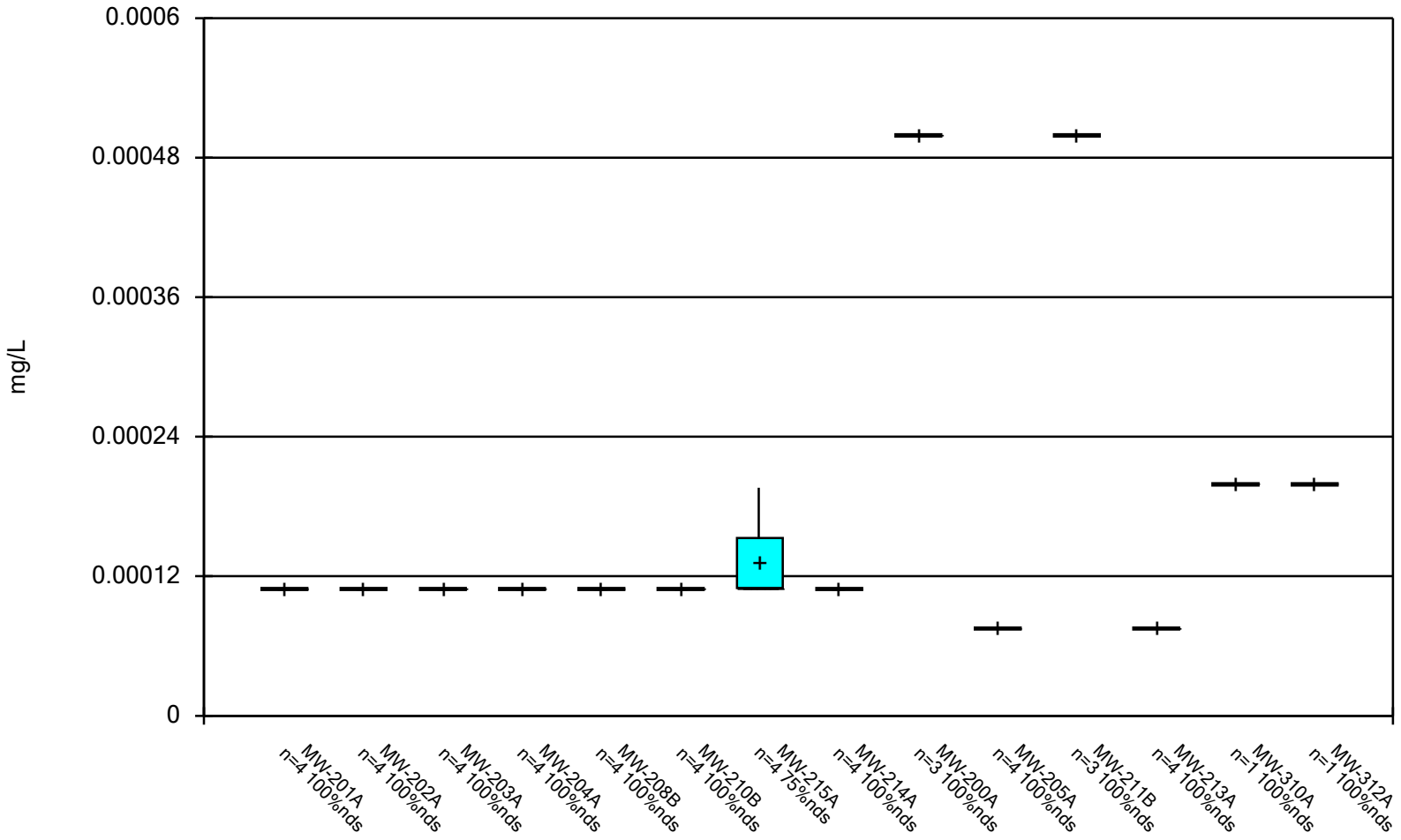


Constituent: Mercury Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

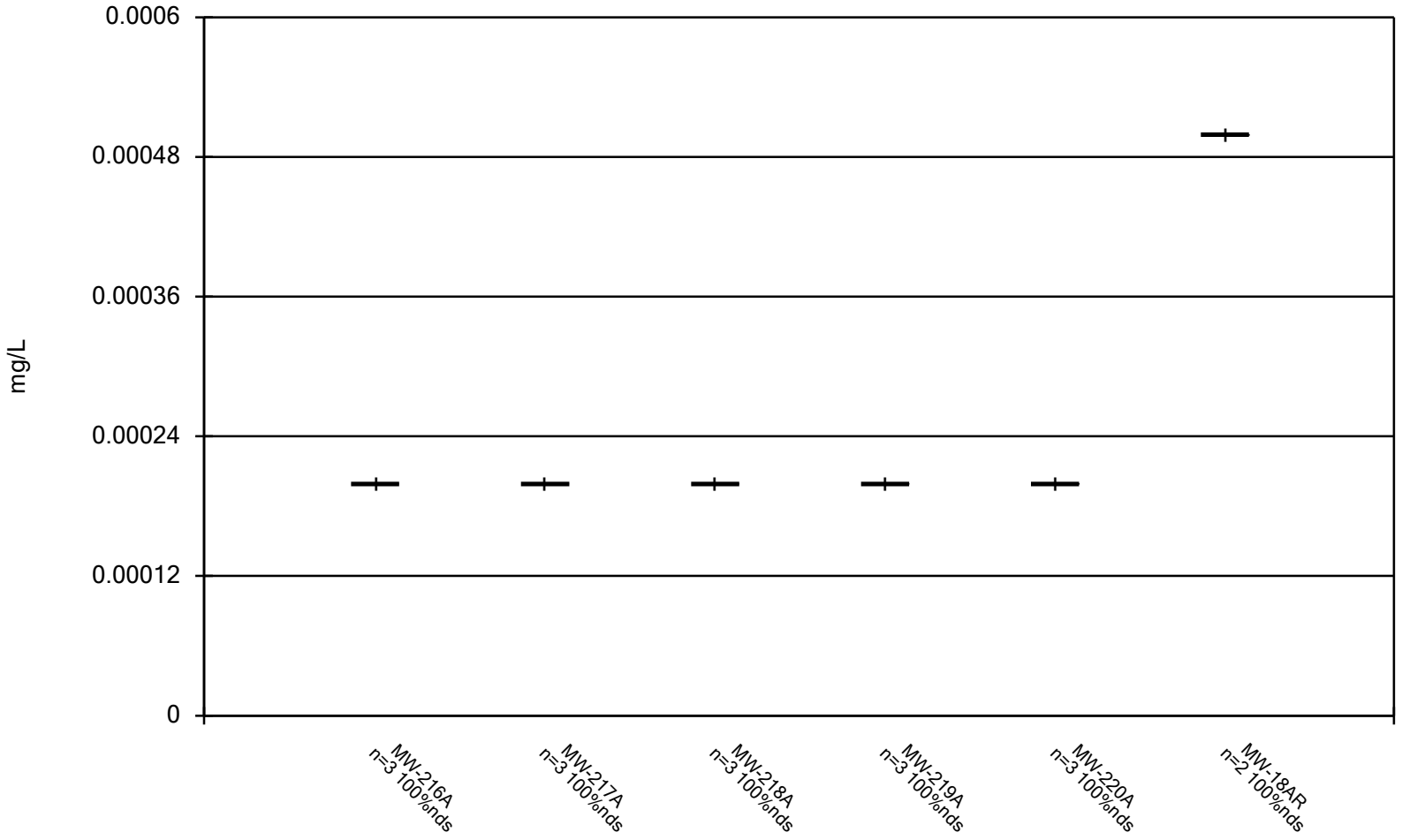


Constituent: Mercury Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Mercury Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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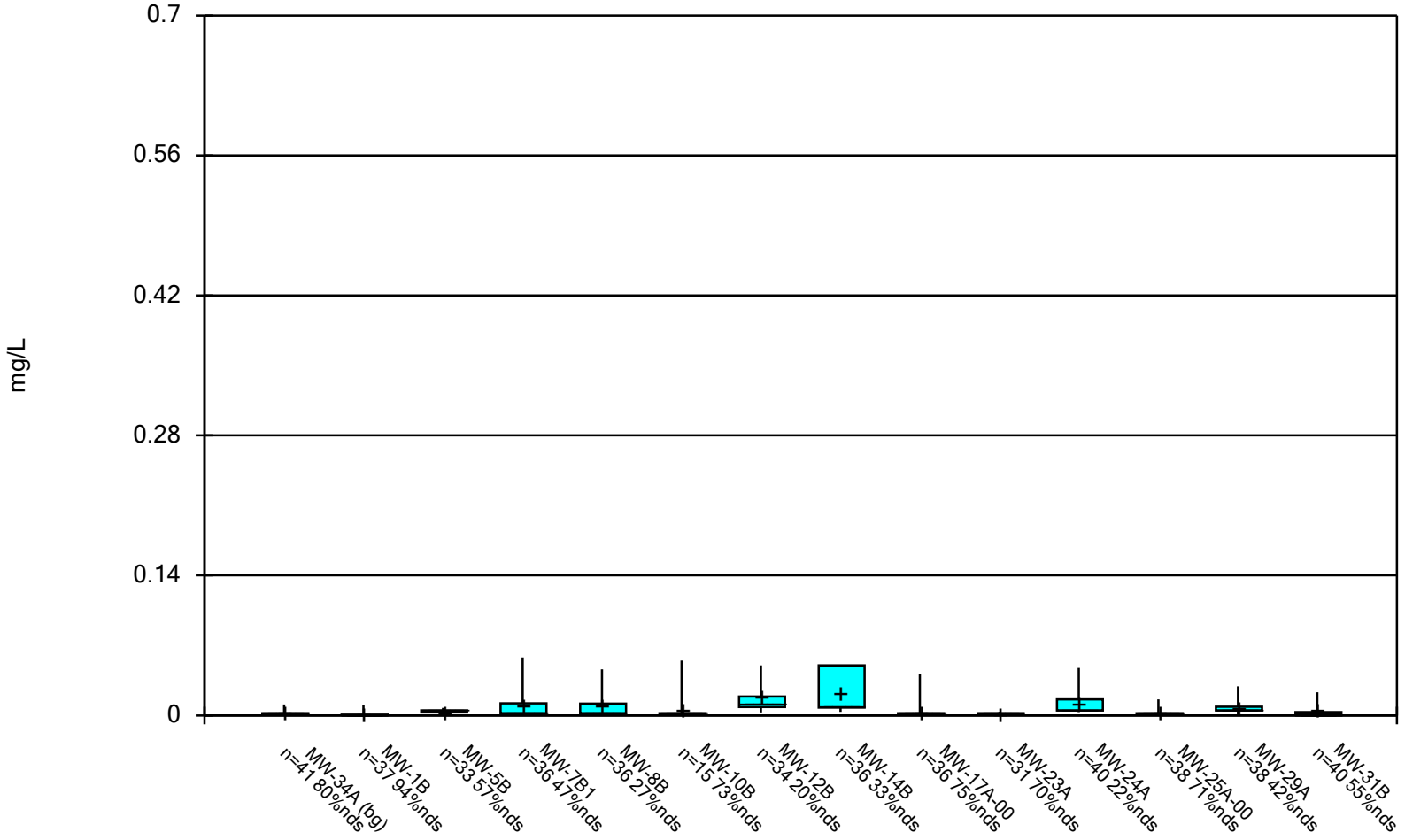
Box & Whiskers Plot



Constituent: Nickel Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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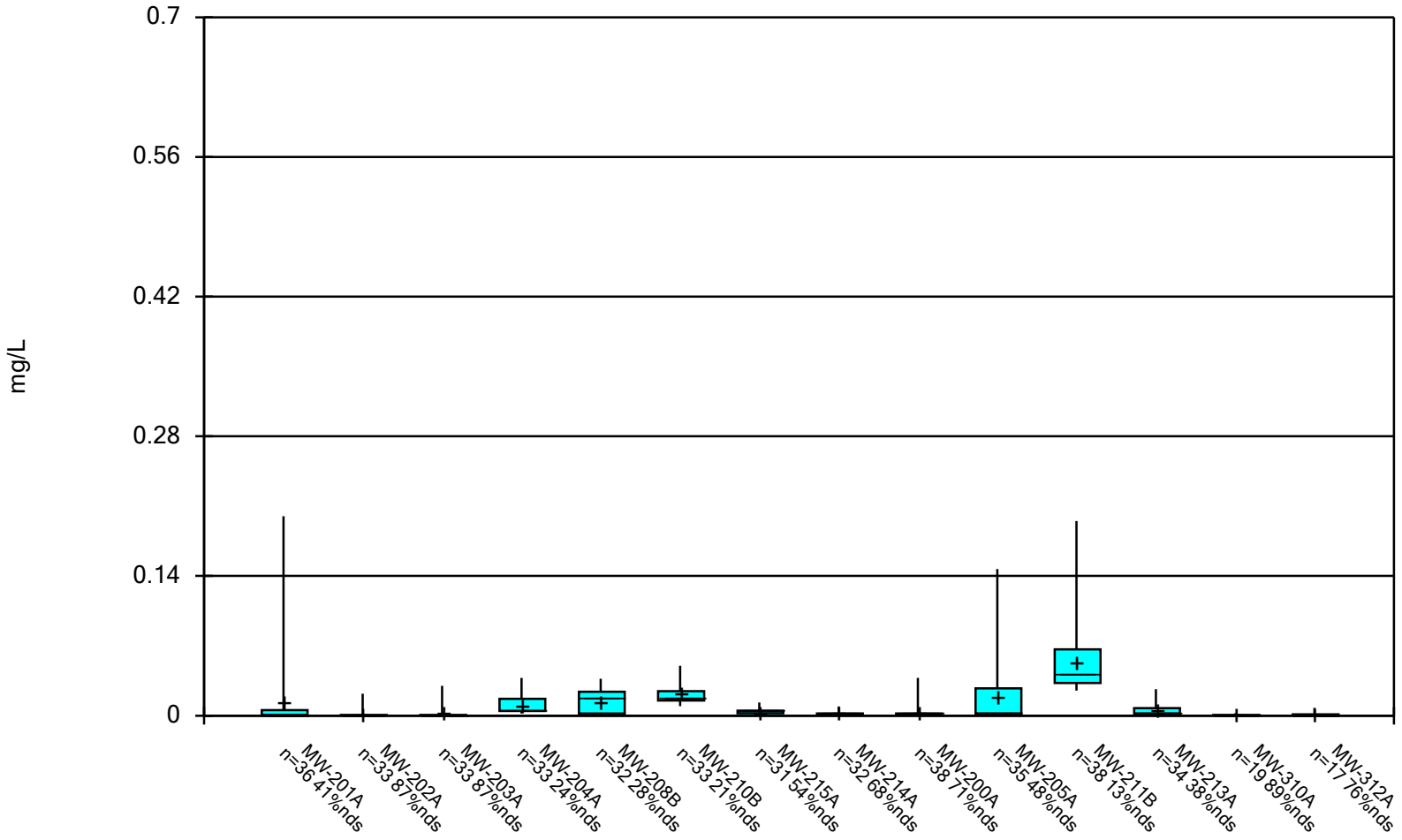
Box & Whiskers Plot



Constituent: Nickel Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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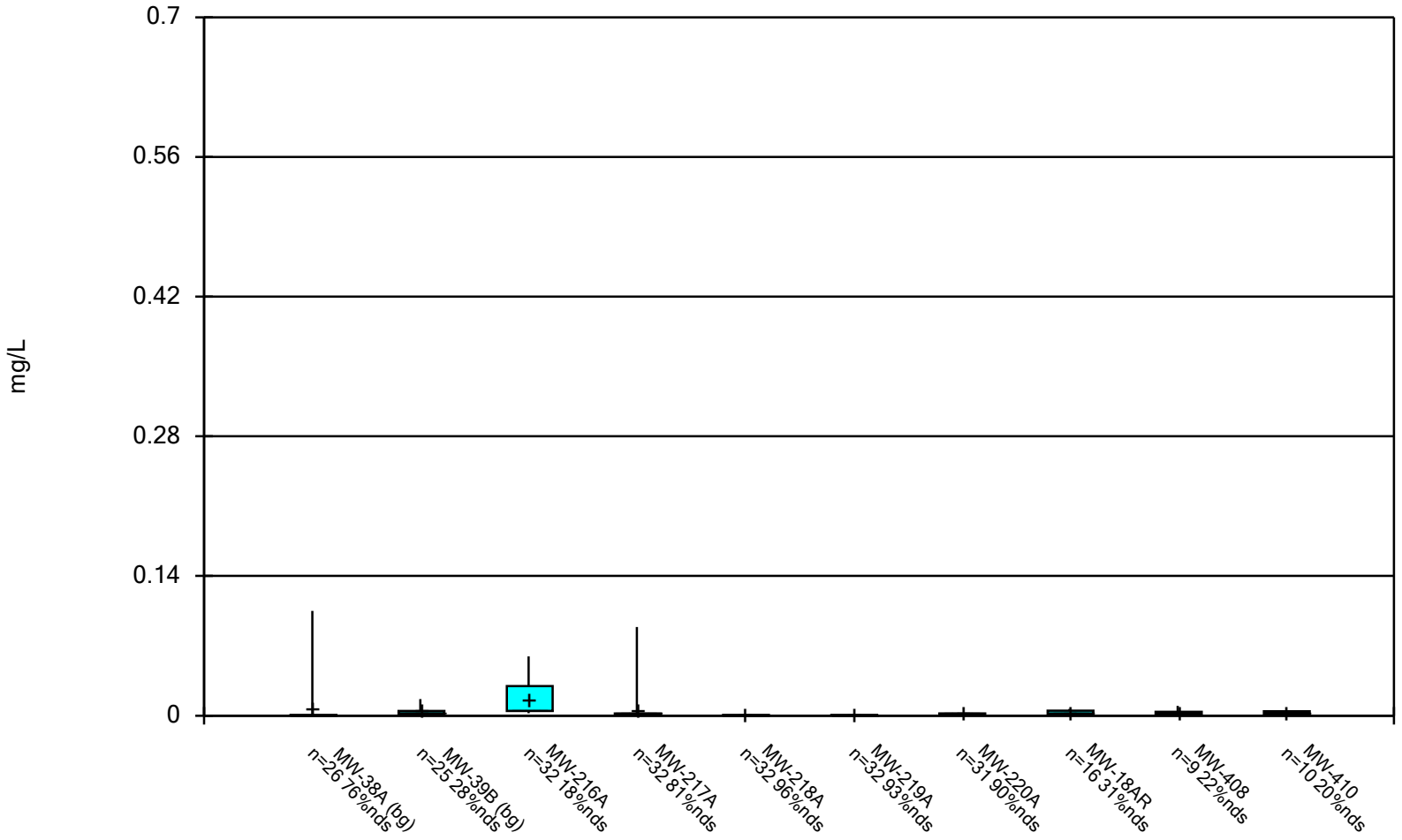
Box & Whiskers Plot

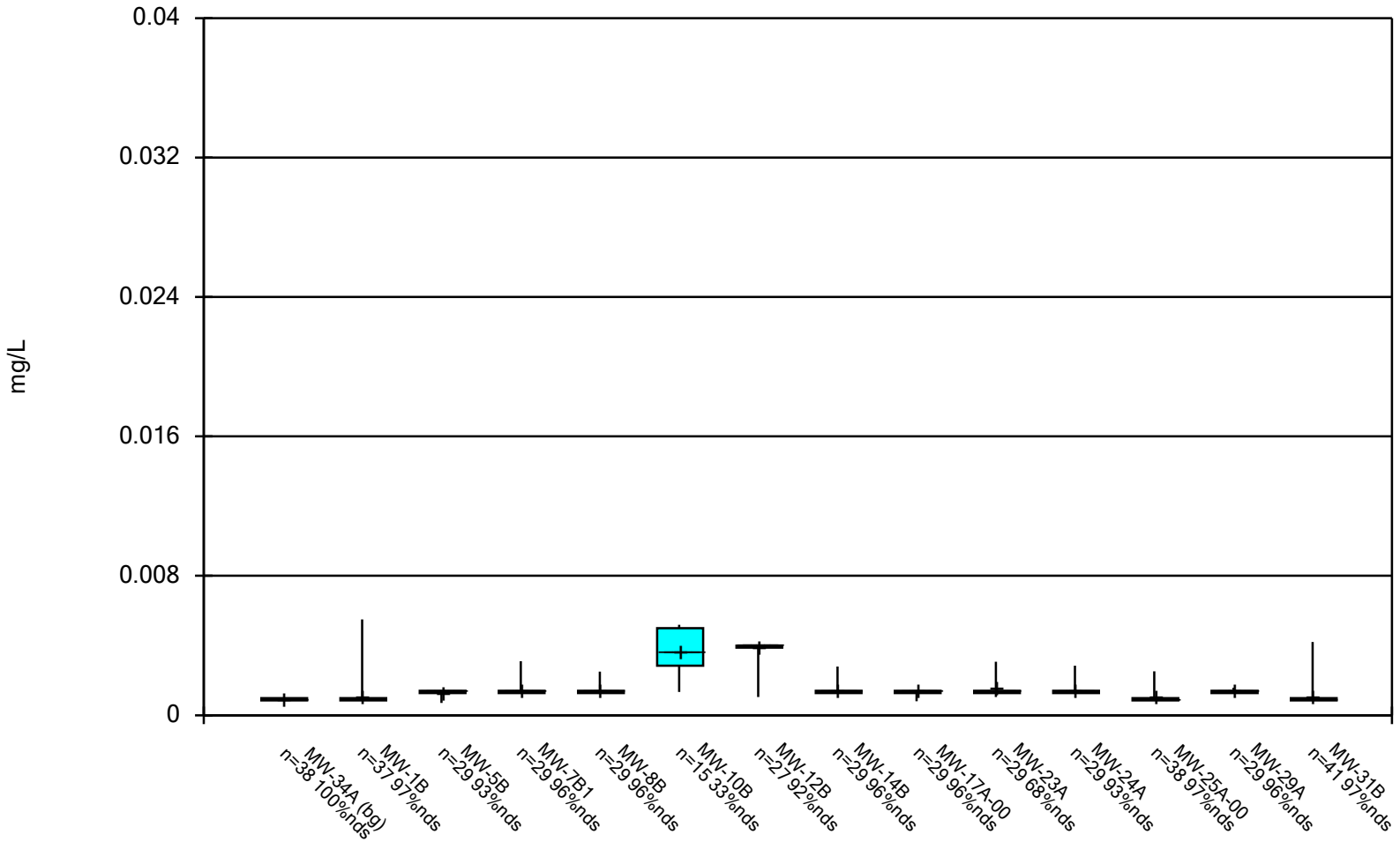


Constituent: Nickel Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Selenium Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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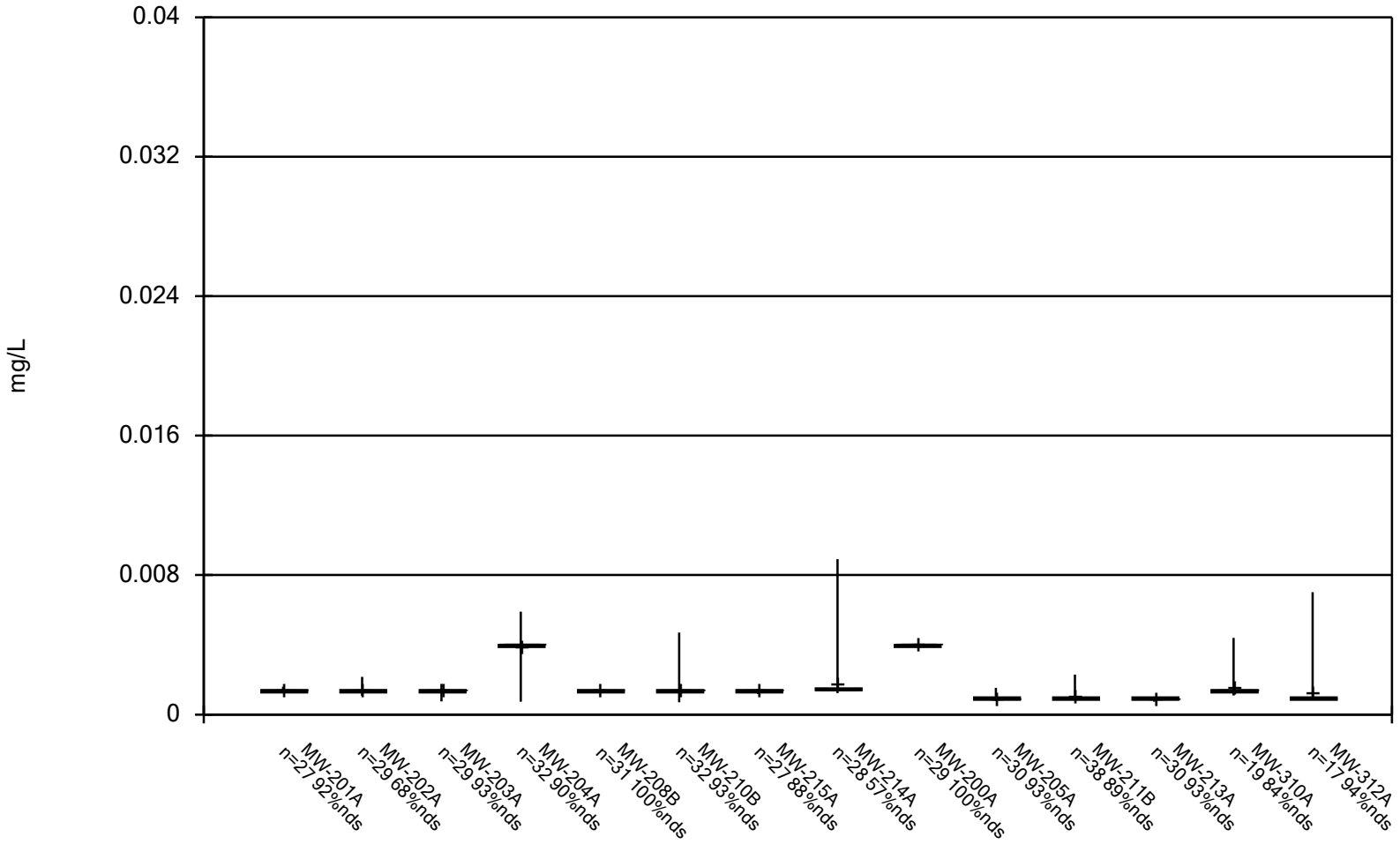
Box & Whiskers Plot



Constituent: Selenium Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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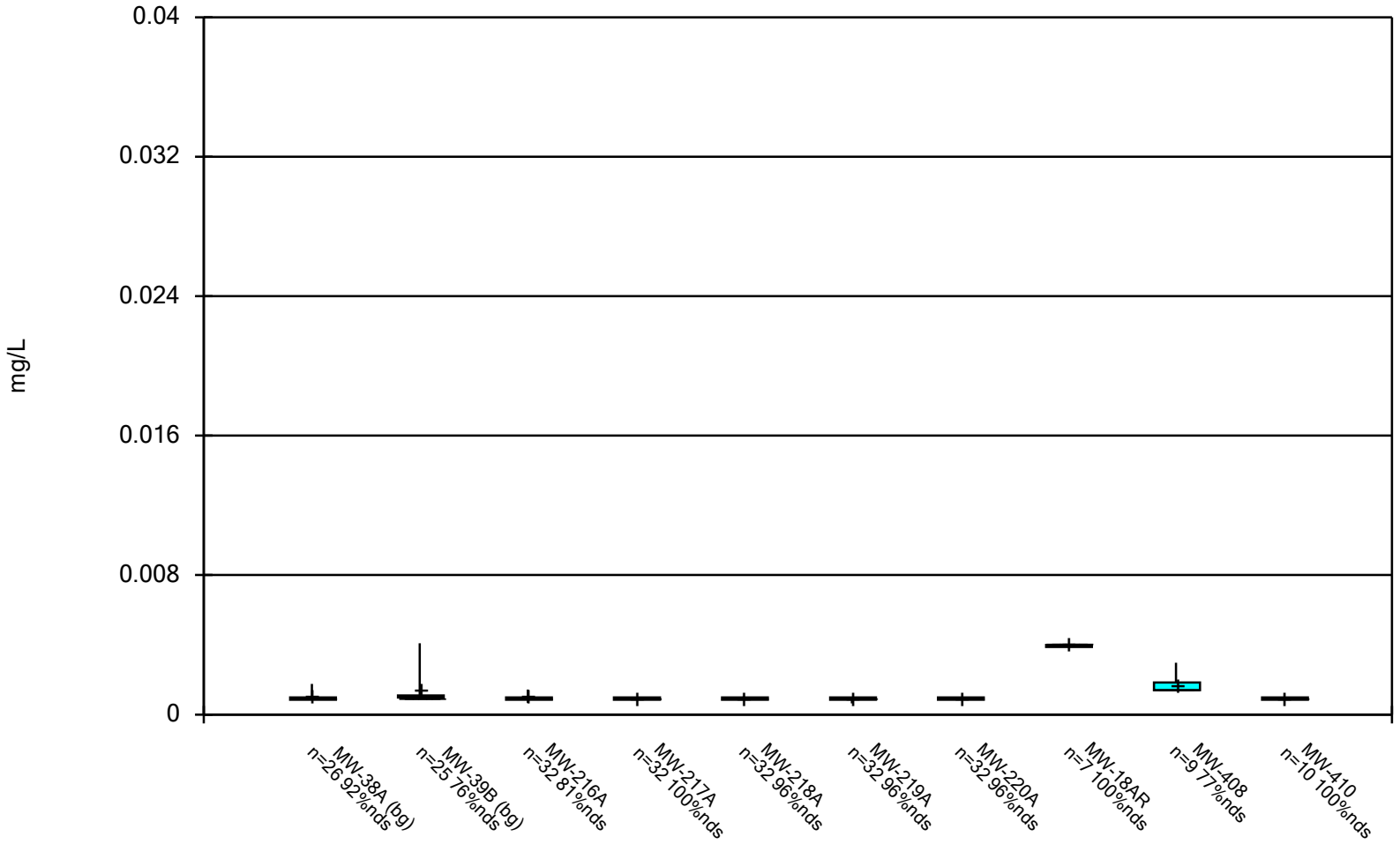
Box & Whiskers Plot



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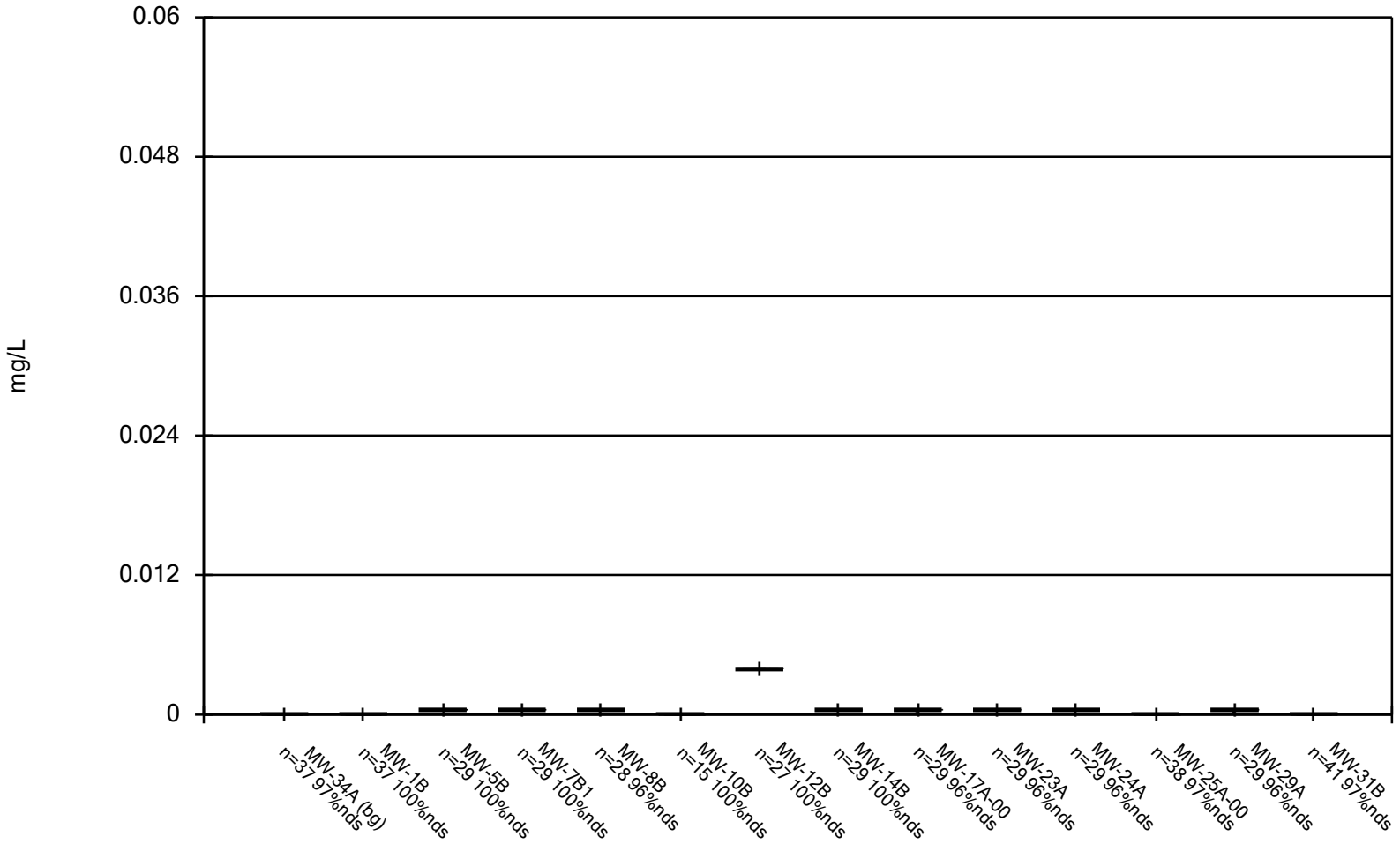
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

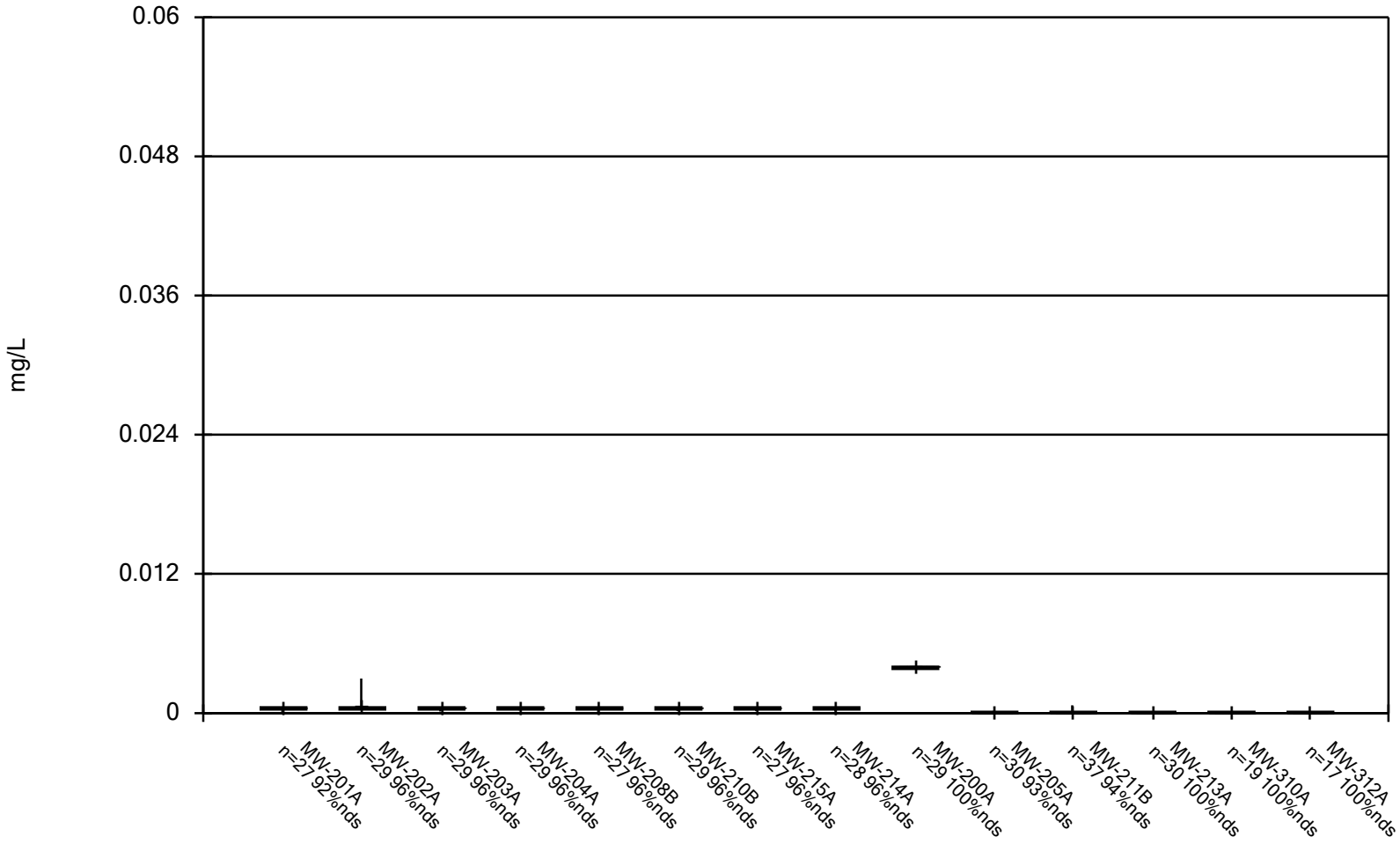


Constituent: Silver Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

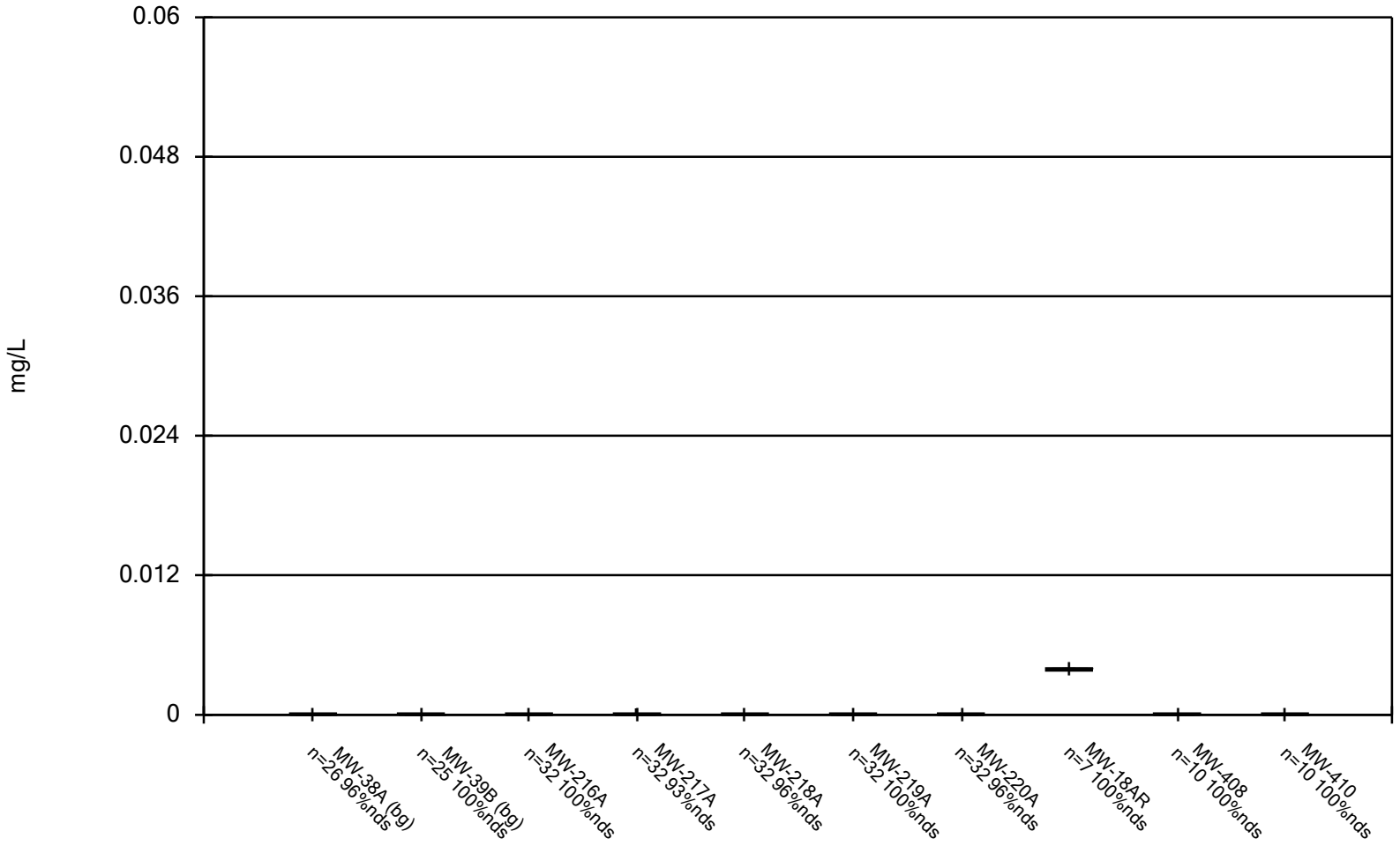


Constituent: Silver Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

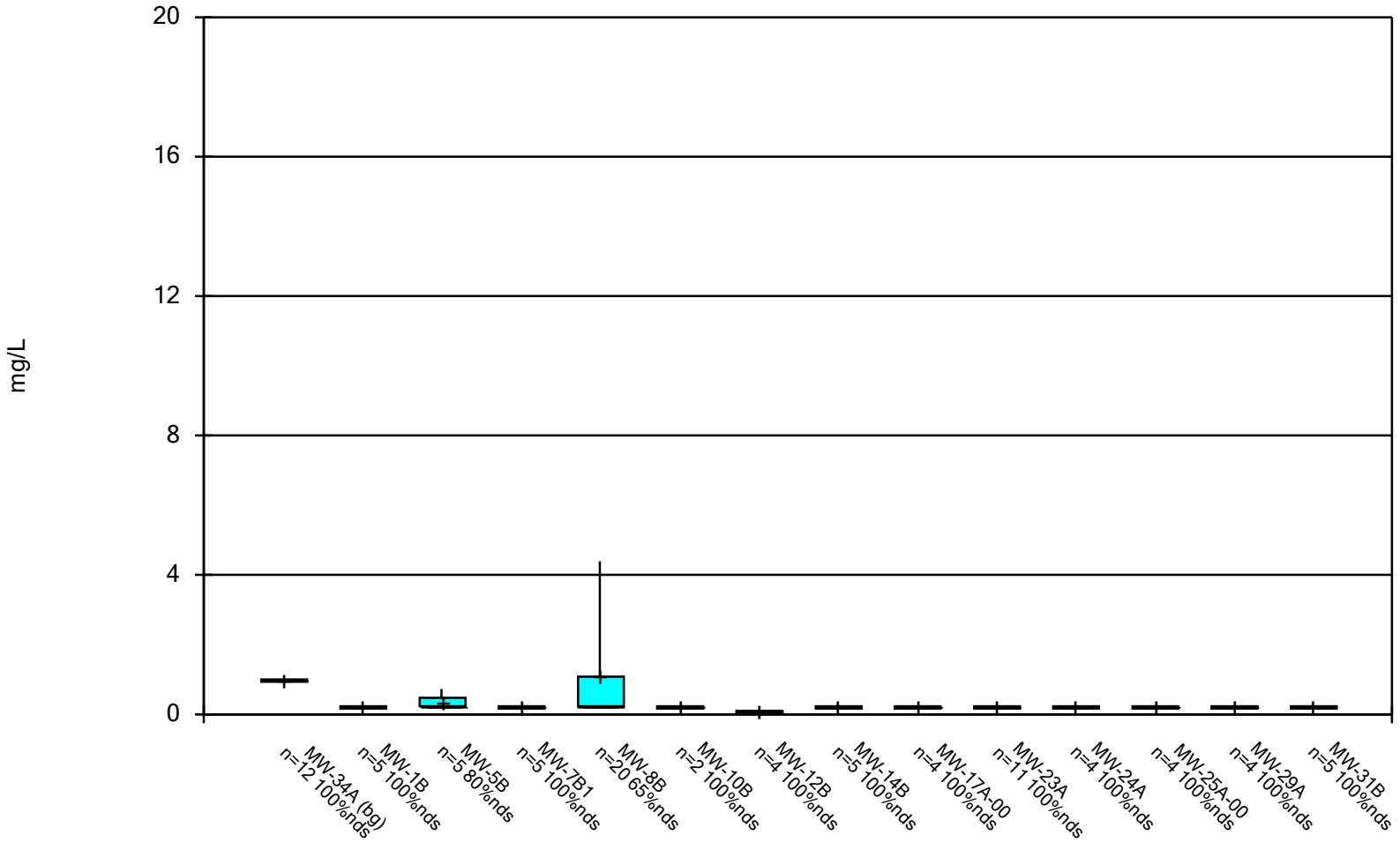


Constituent: Silver Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

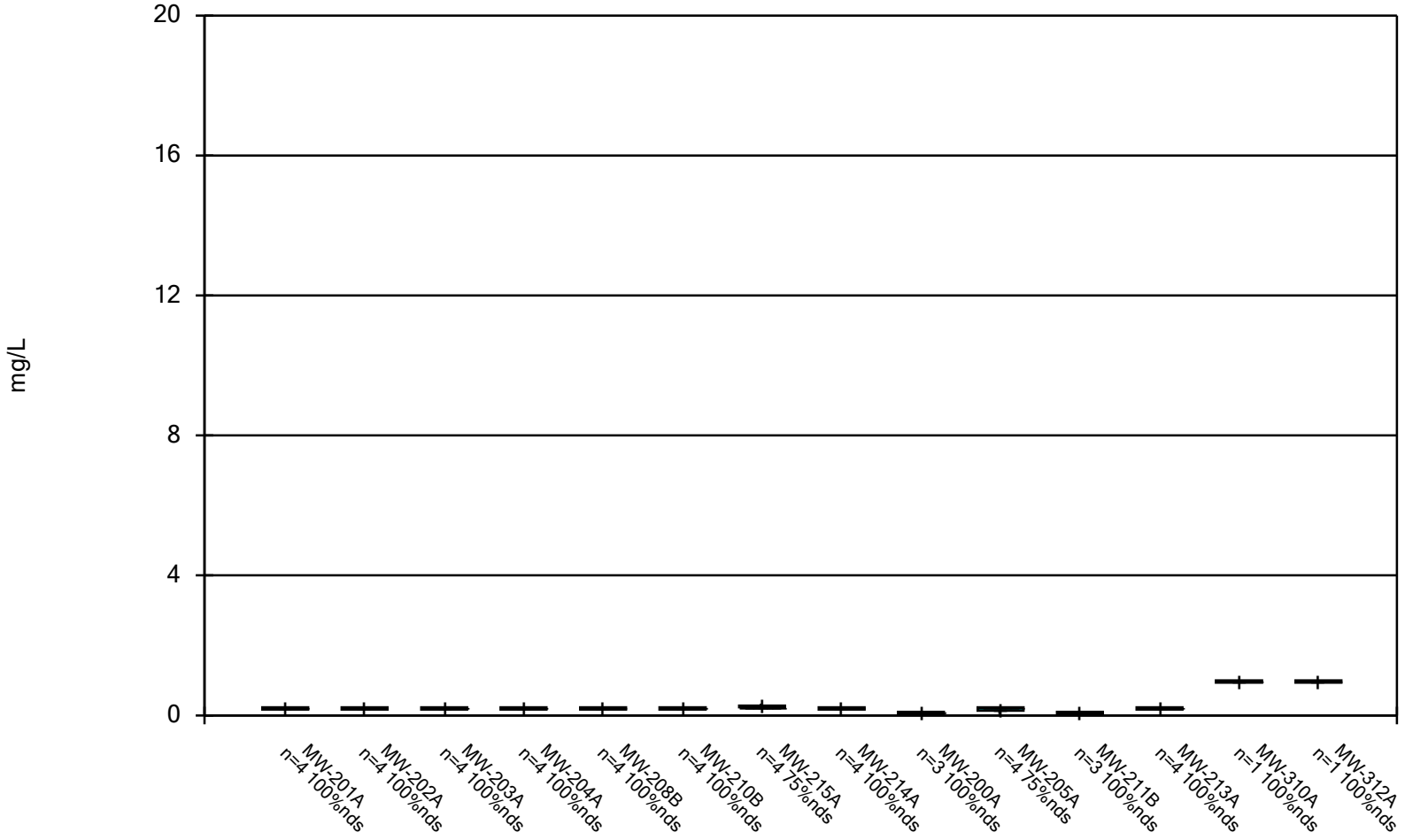


Constituent: Sulfide Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

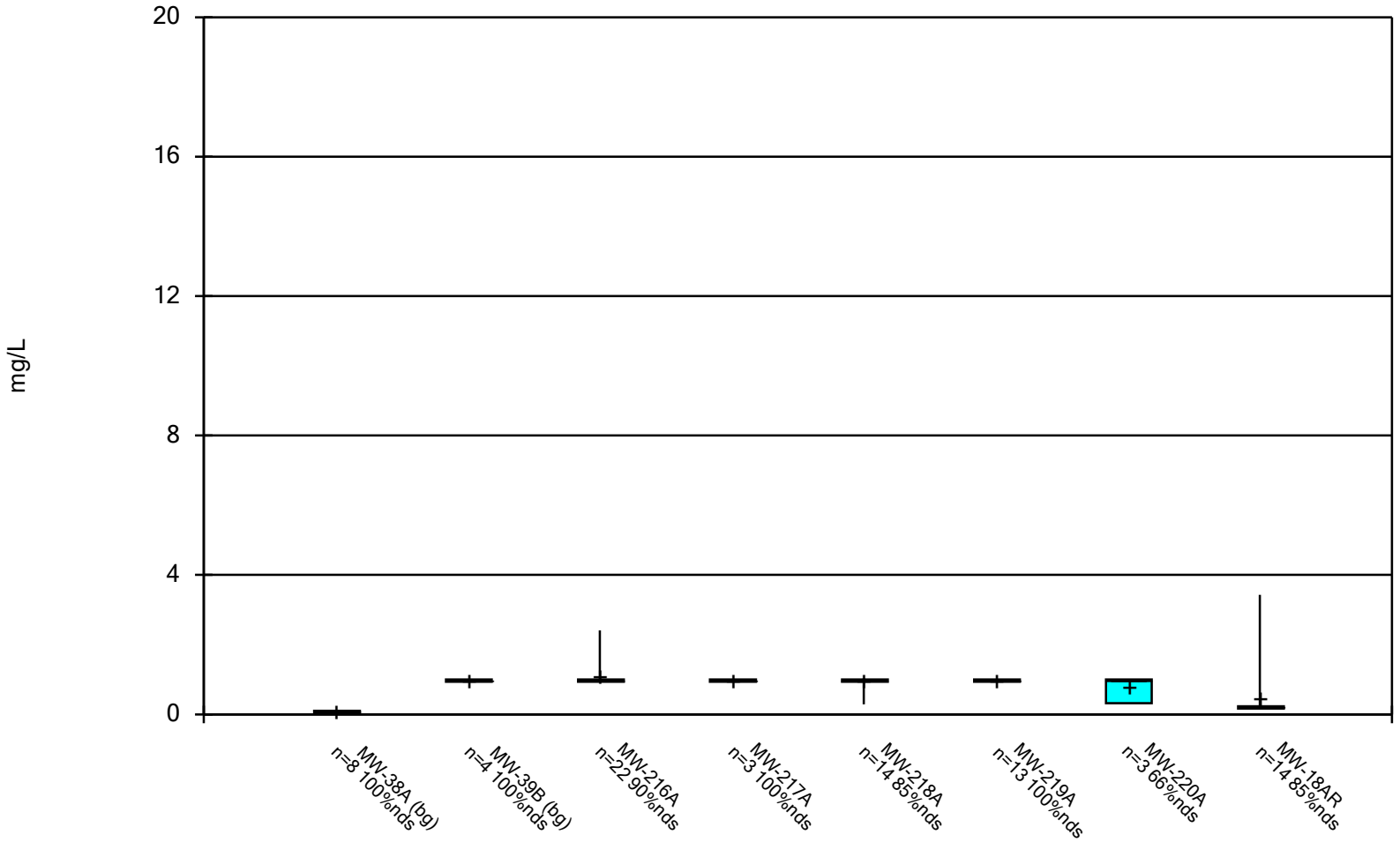


Constituent: Sulfide Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

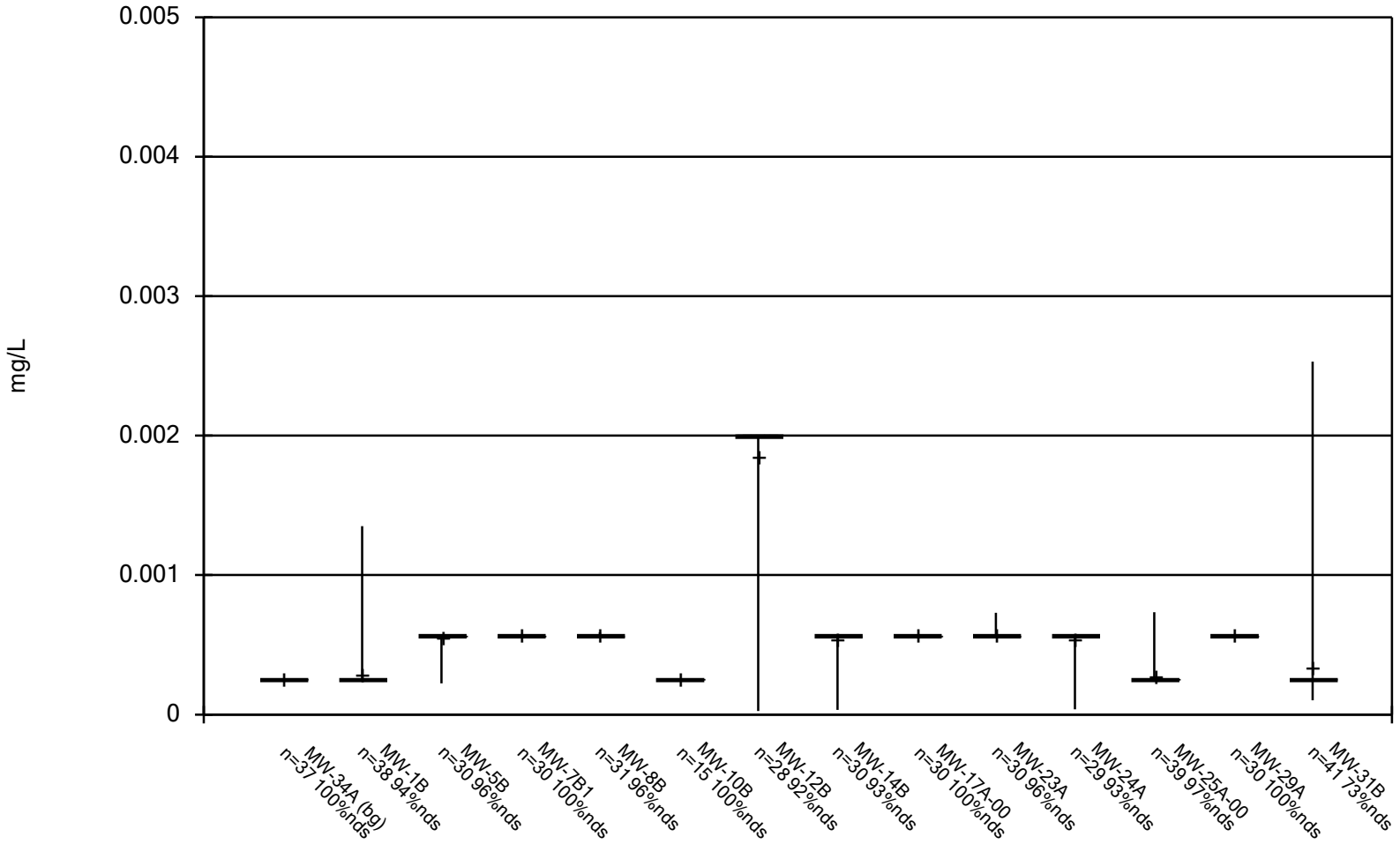


Constituent: Sulfide Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

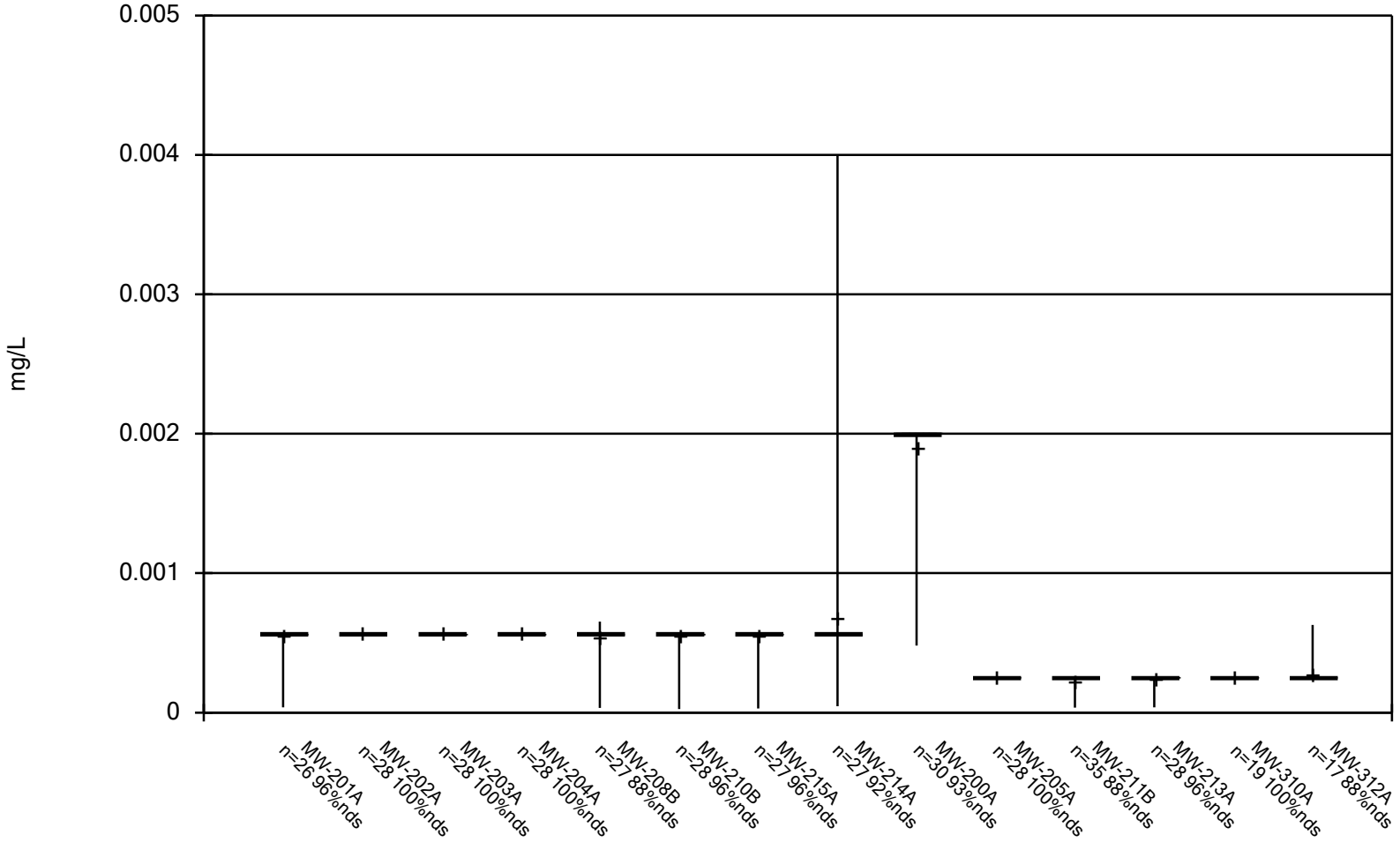


Constituent: Thallium Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

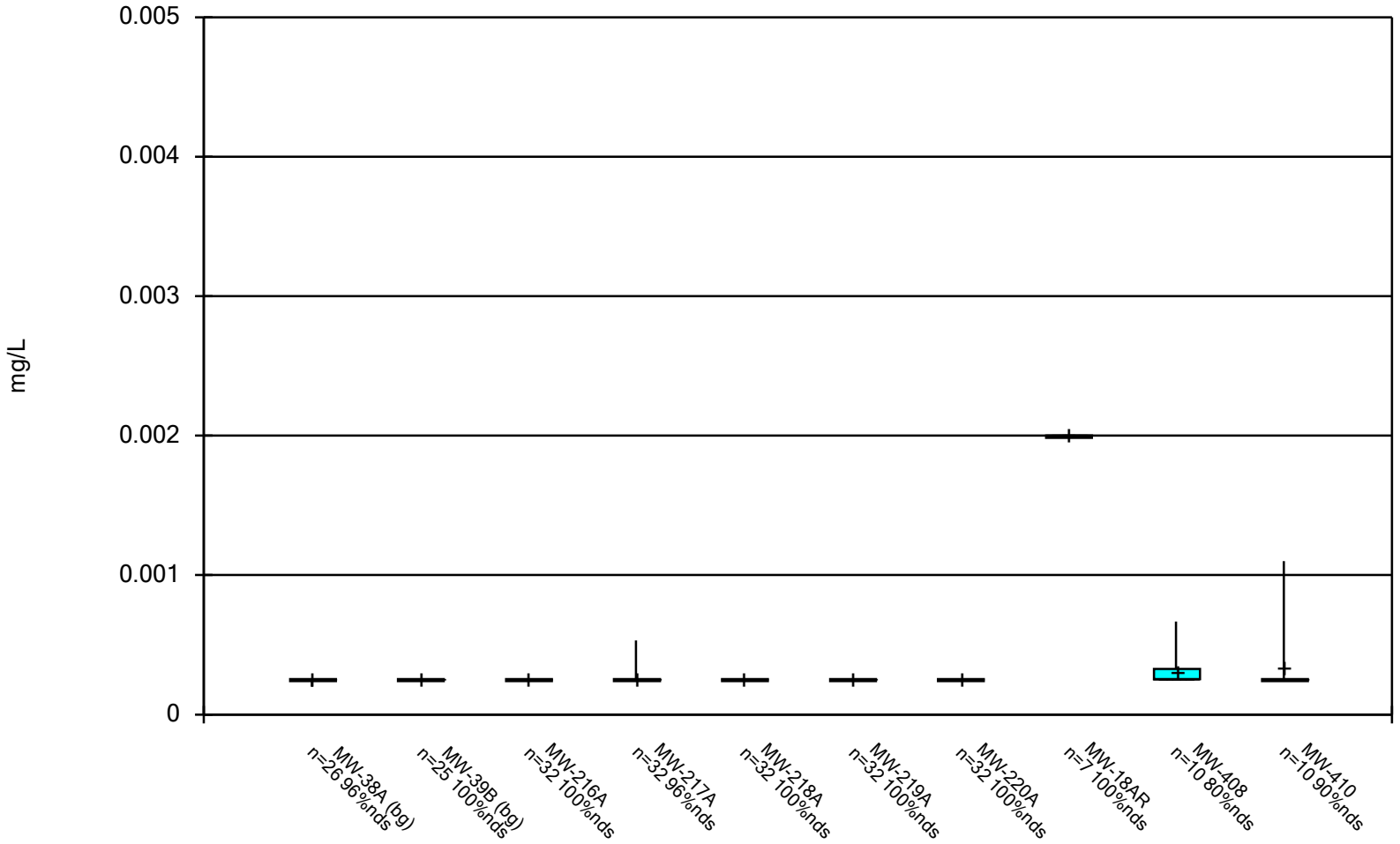


Constituent: Thallium Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

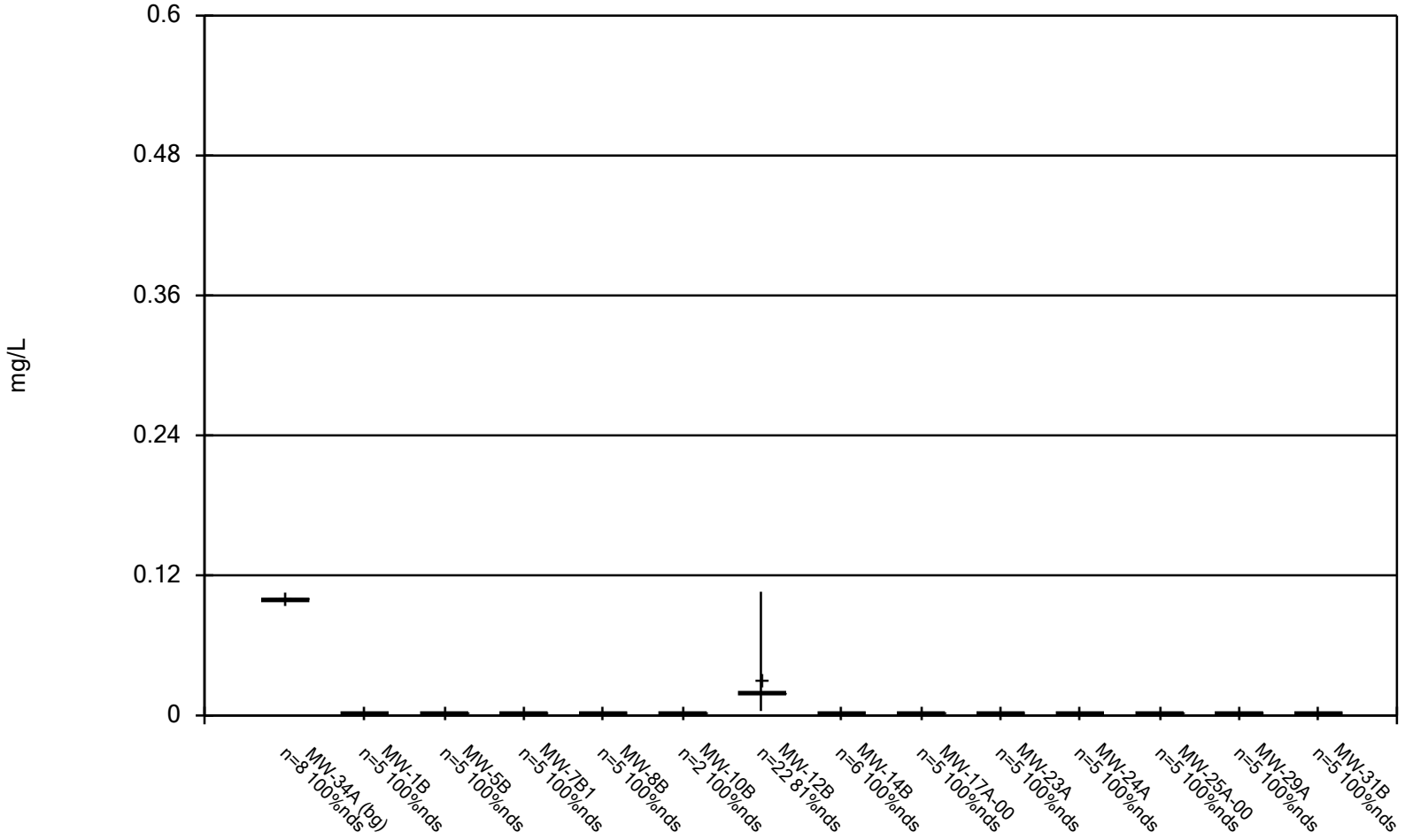


Constituent: Thallium Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

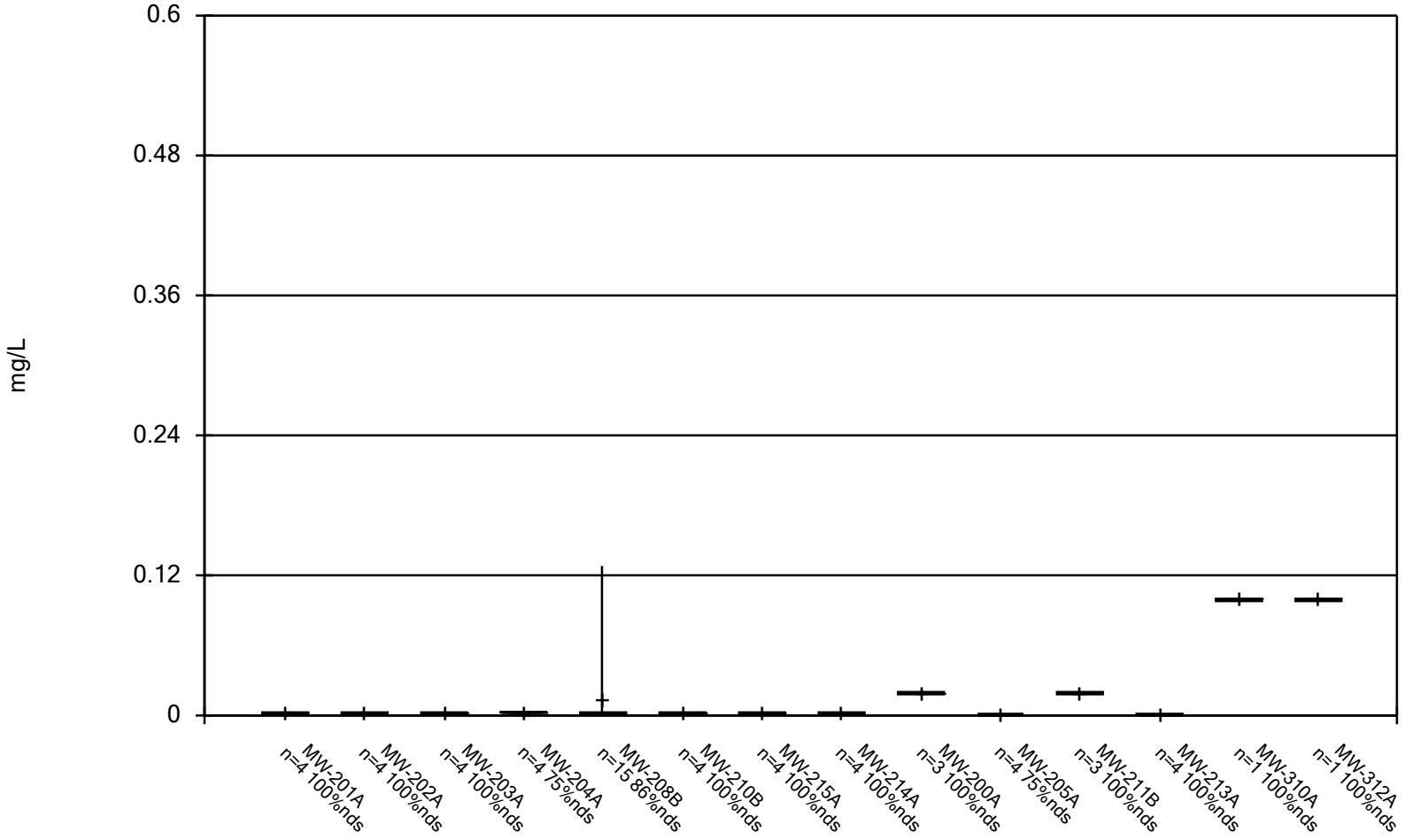


Constituent: Tin Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

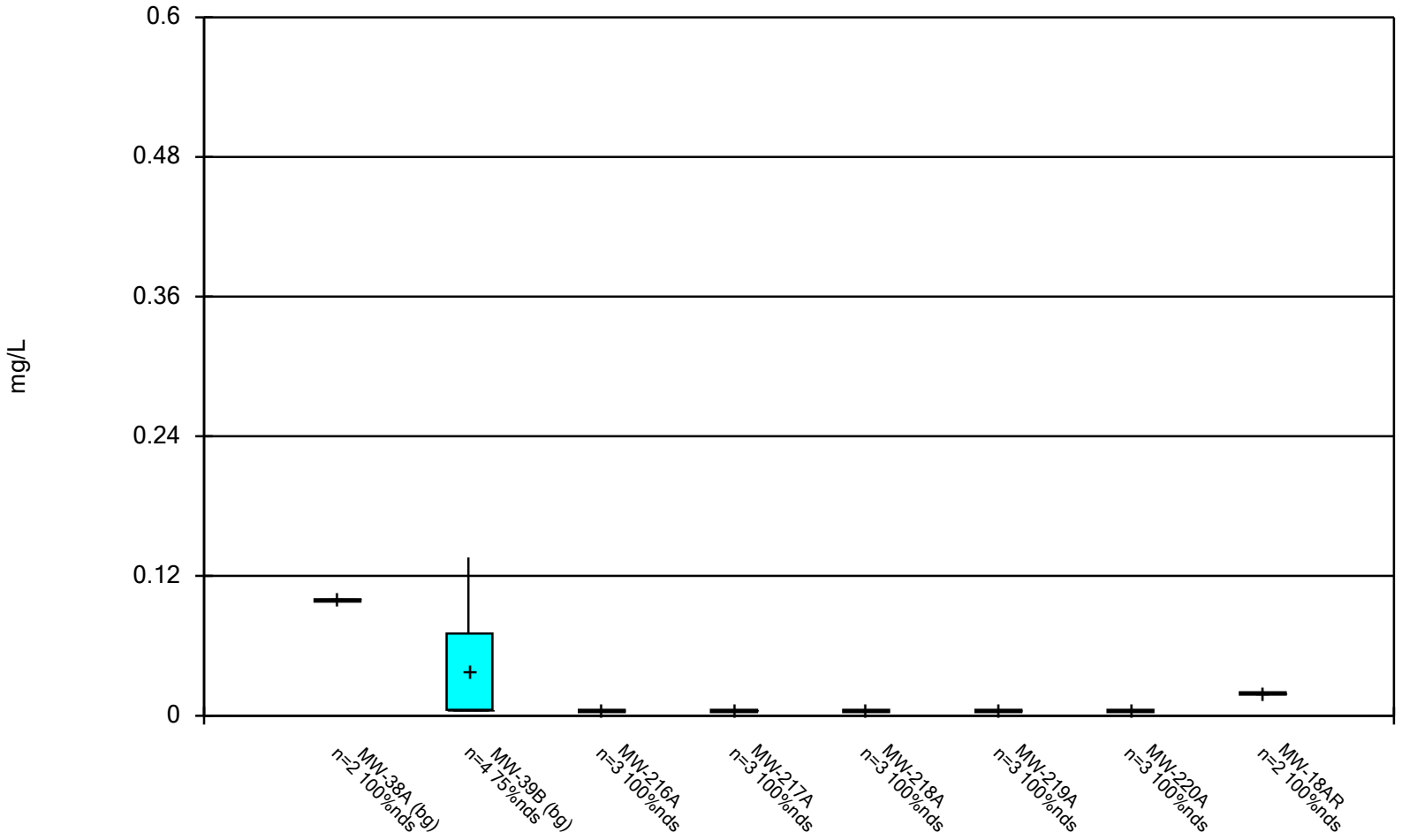


Constituent: Tin Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Tin Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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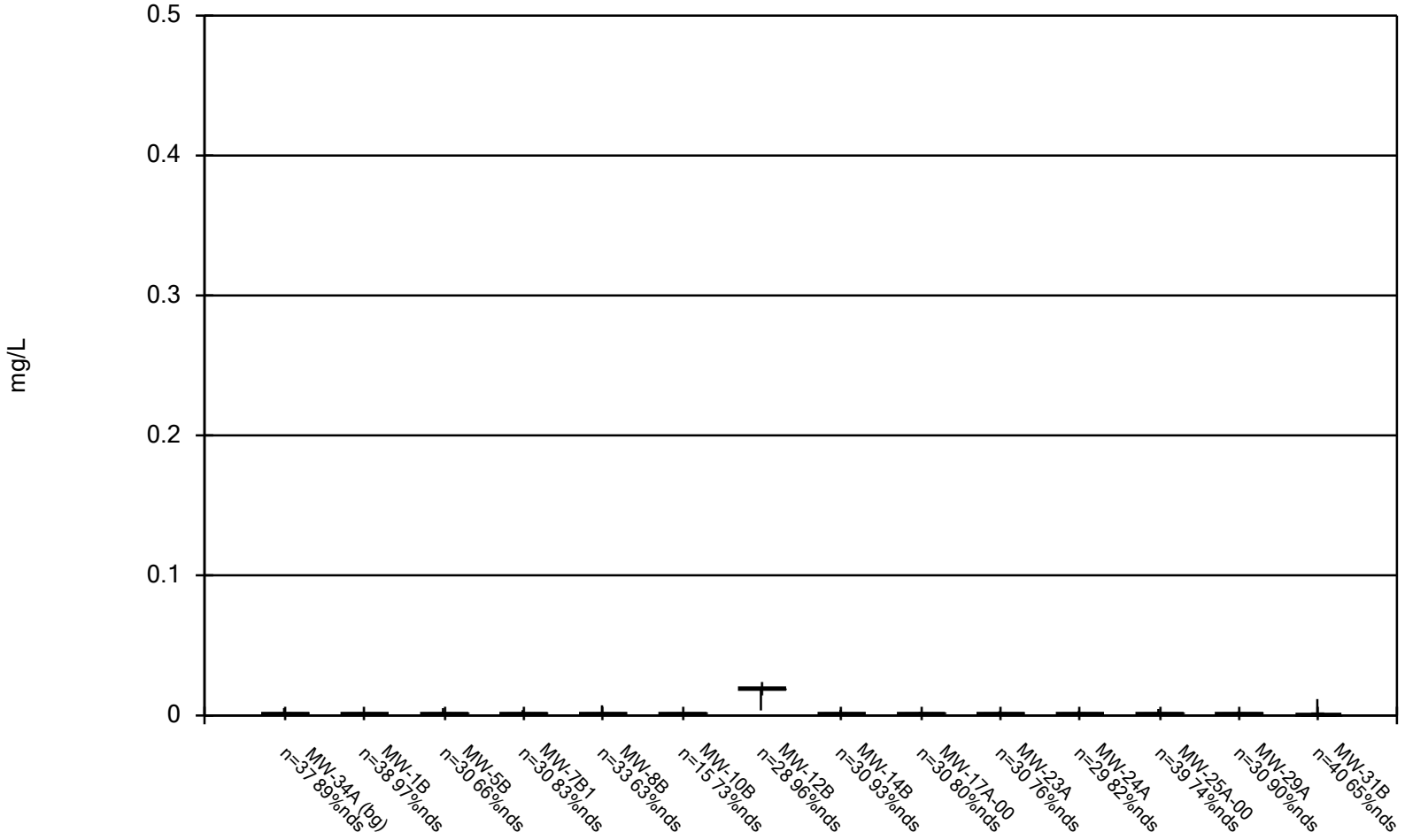
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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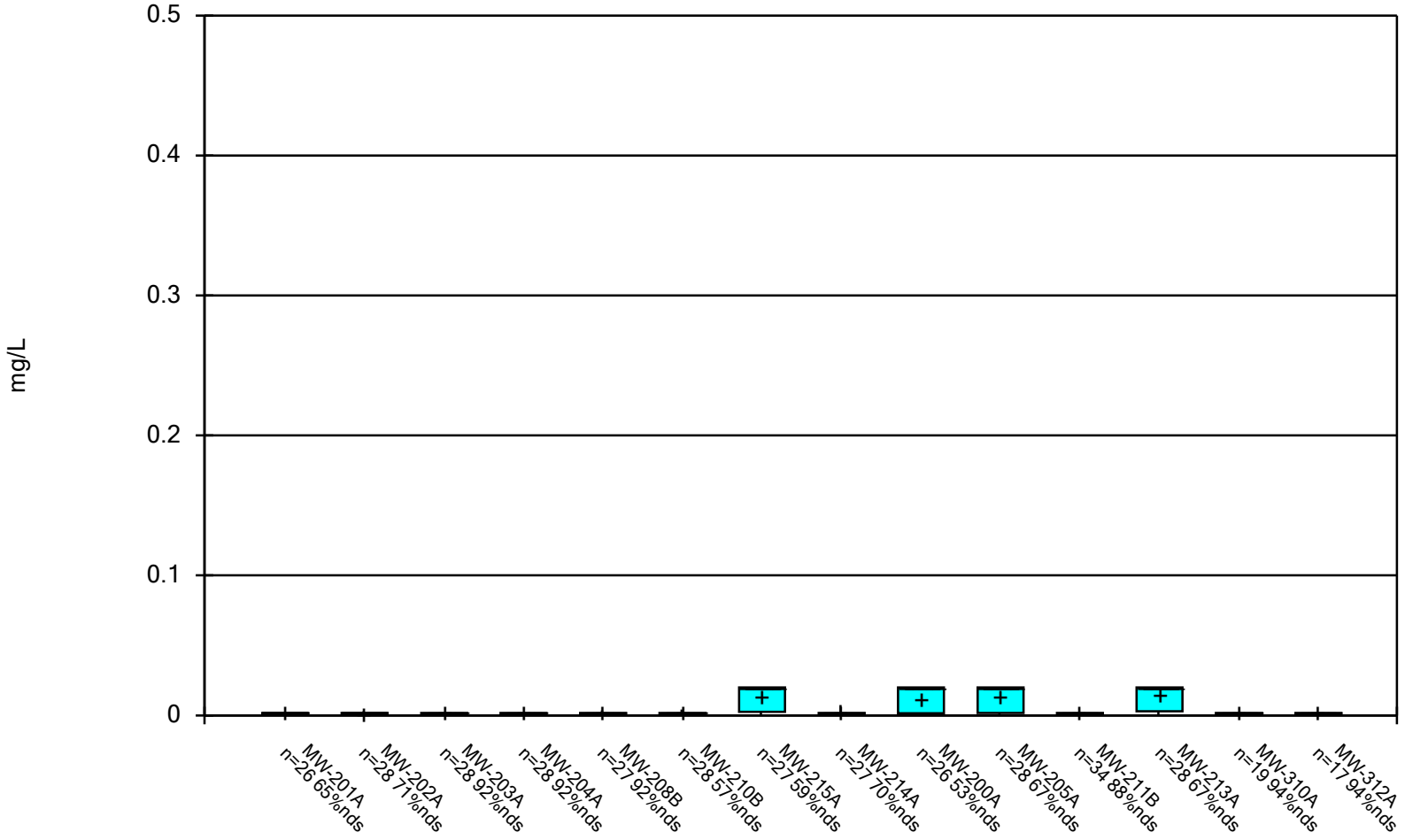
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 7/21/2026 4:30 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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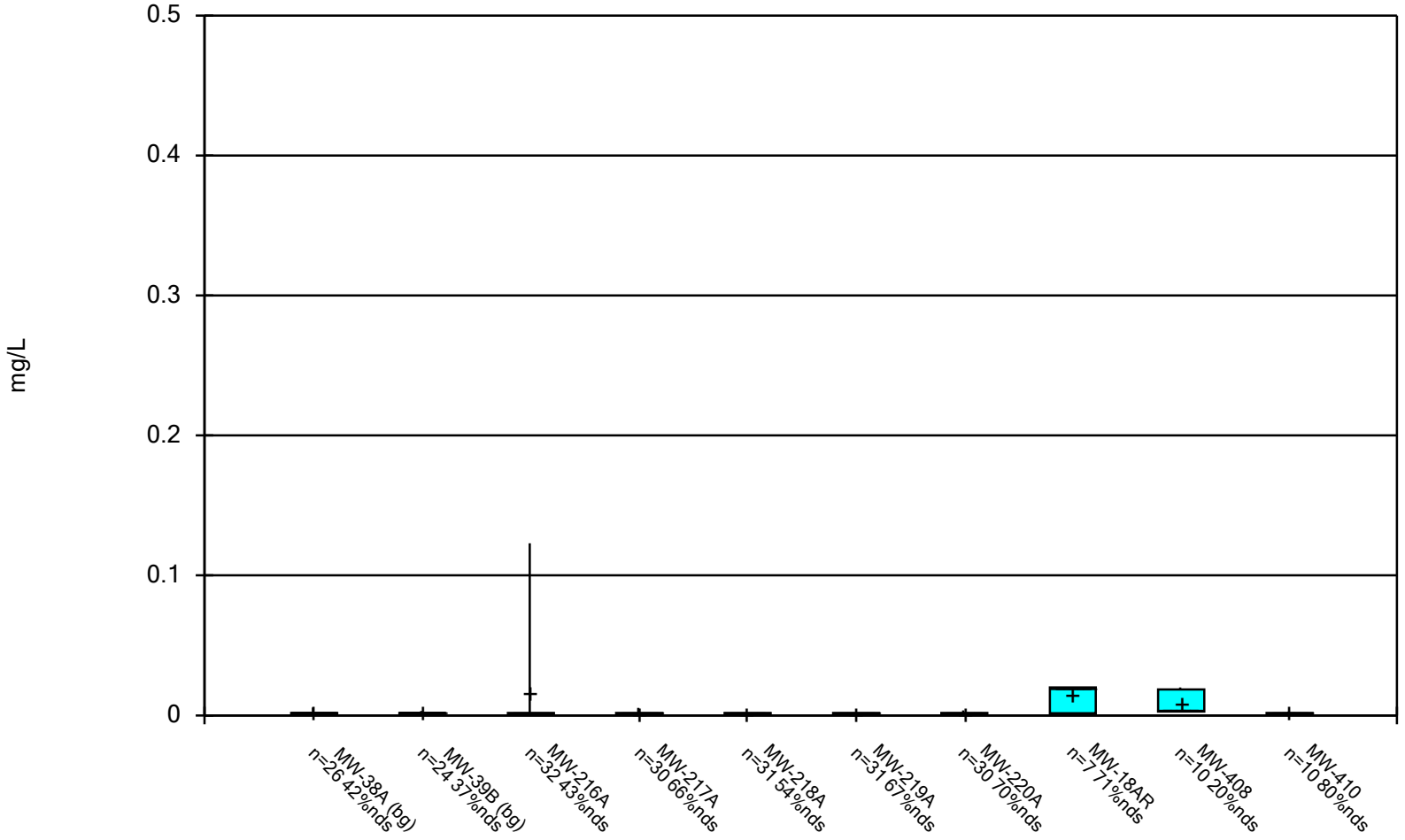
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 7/21/2026 4:31 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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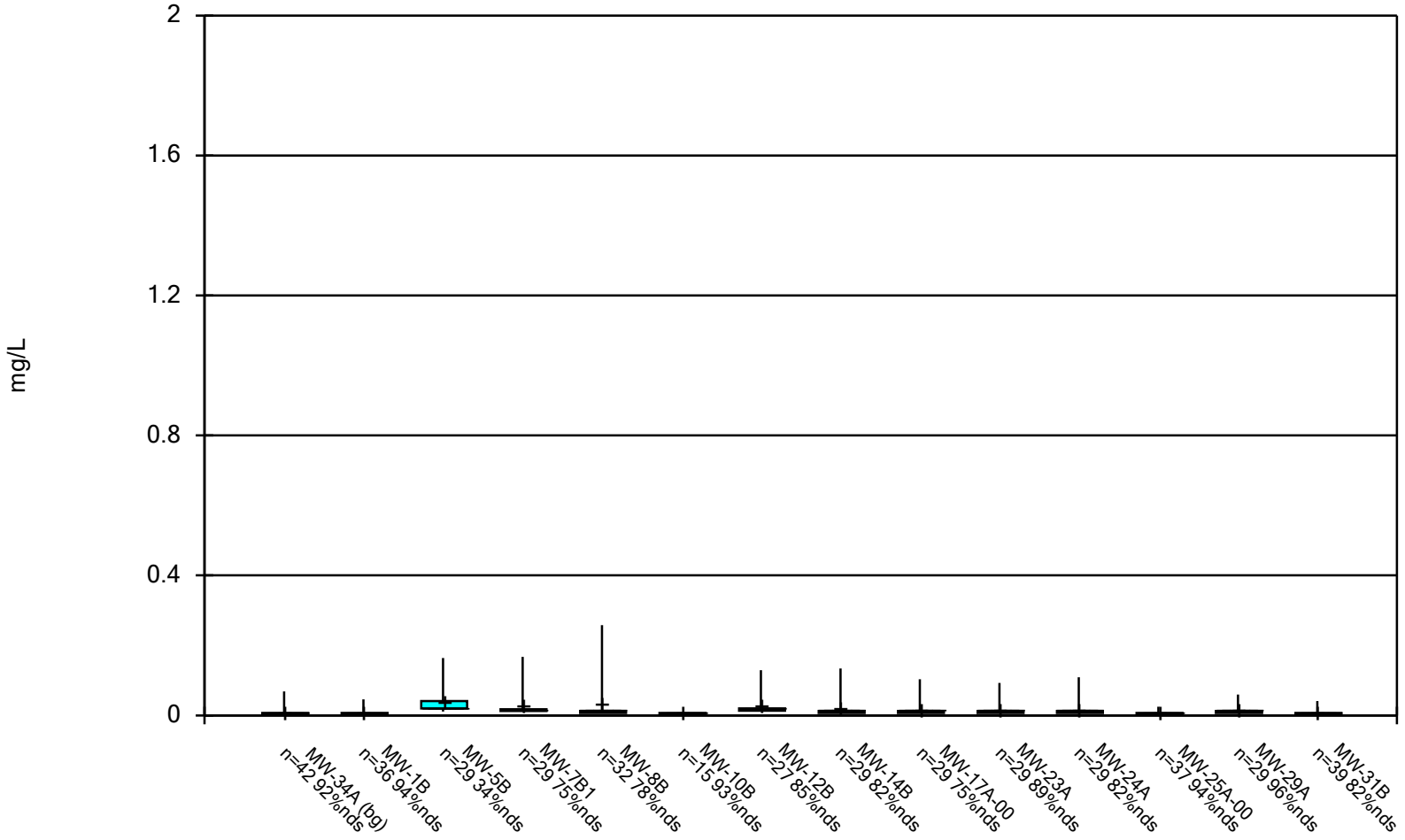
Box & Whiskers Plot

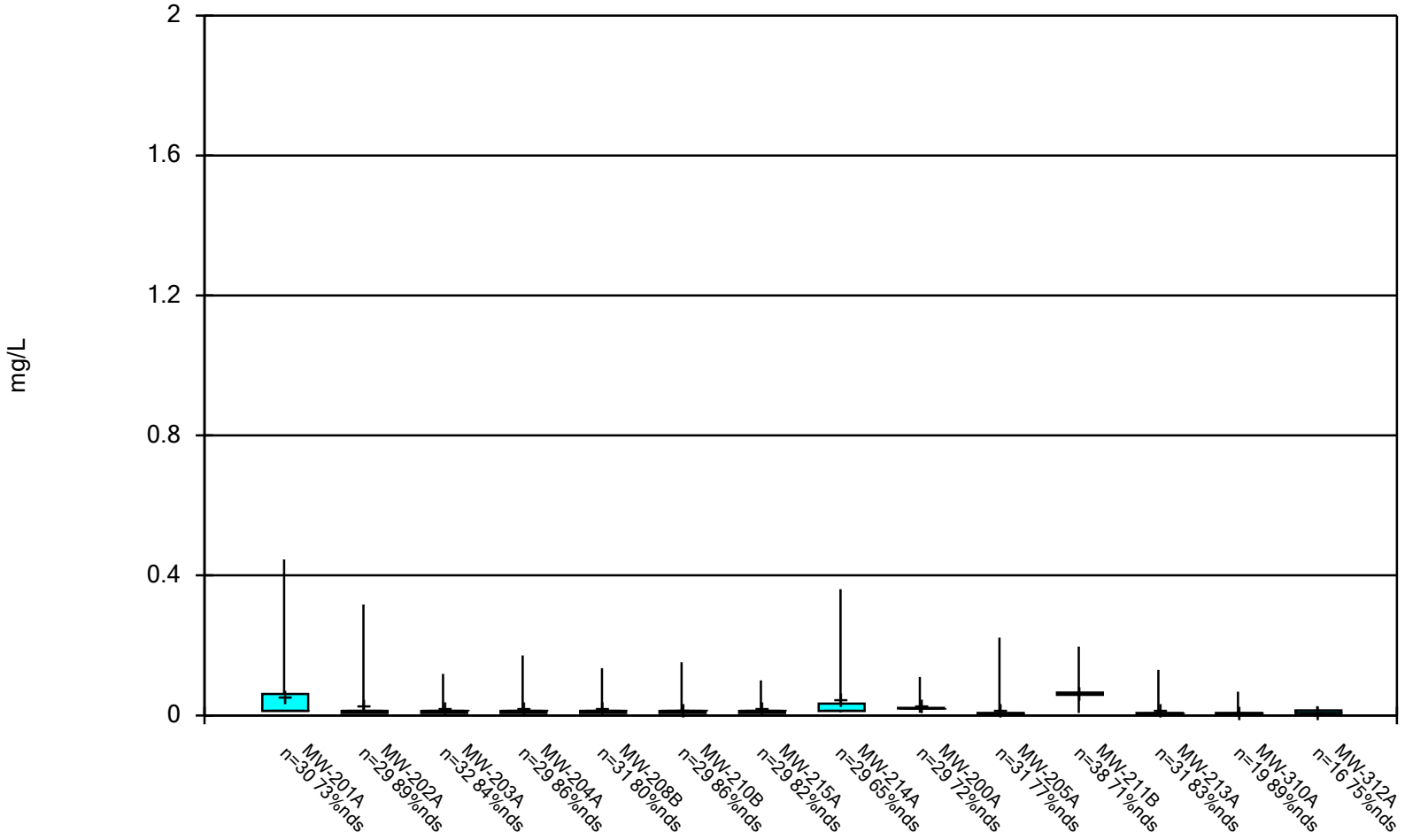


Constituent: Zinc Analysis Run 7/21/2026 4:31 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

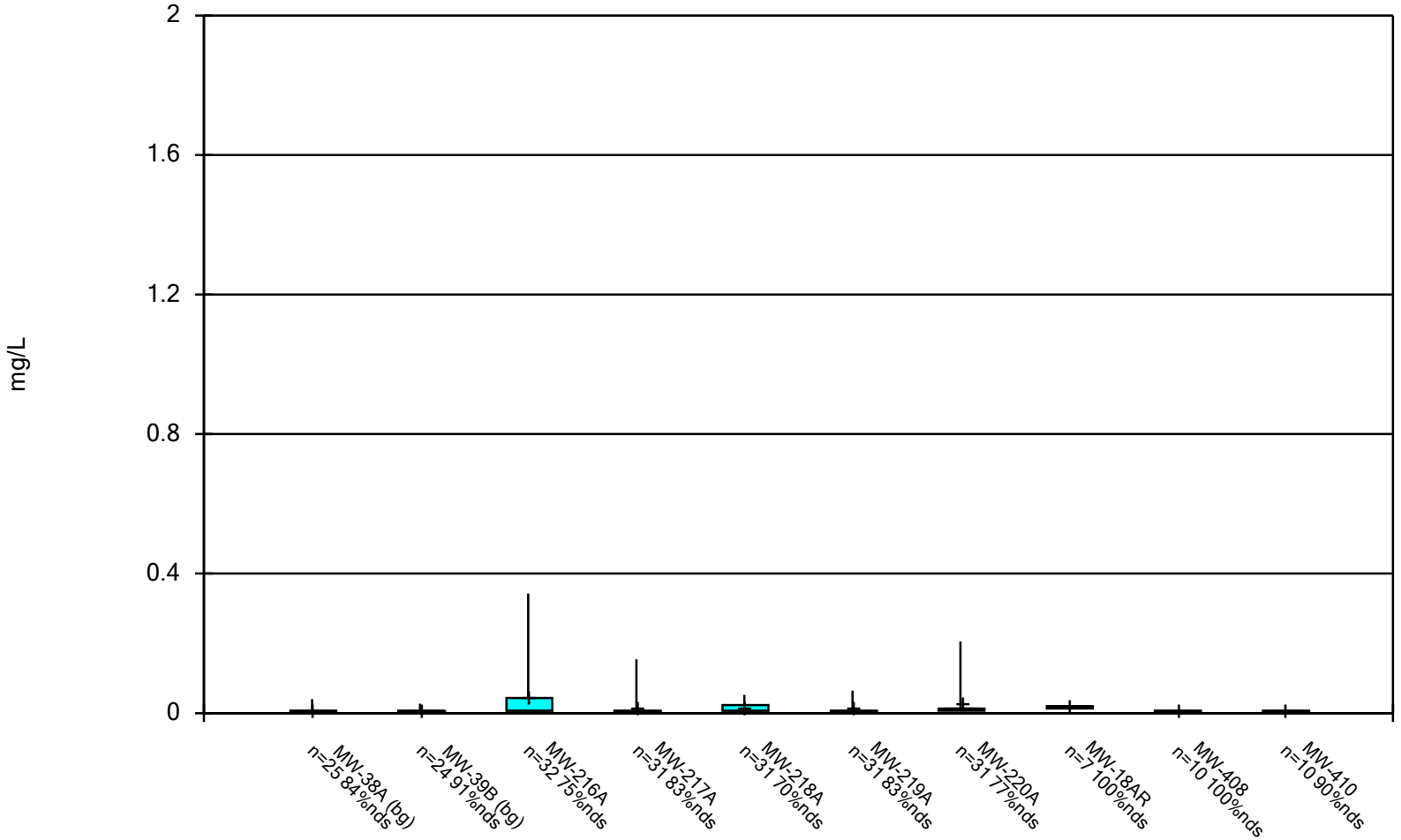


Constituent: Zinc Analysis Run 7/21/2026 4:31 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 7/21/2026 4:31 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Antimony (mg/L)	MW-34A (bg)	37	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Antimony (mg/L)	MW-1B	38	0.0009239	0.00005629	0.000009132	0.000933	0.000933	0.000933	0.000586	0.000933	97.37
Antimony (mg/L)	MW-5B	31	0.0009259	0.0002302	0.00004135	0.001	0.001	0.001	0.000201	0.001	90.32
Antimony (mg/L)	MW-7B1	31	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-8B	31	0.0009749	0.0001399	0.00002513	0.001	0.001	0.001	0.000221	0.001	96.77
Antimony (mg/L)	MW-10B	15	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Antimony (mg/L)	MW-12B	29	0.002	0	0	0.002	0.002	0.002	0.002	0.002	100
Antimony (mg/L)	MW-14B	31	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-17A-00	30	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-23A	30	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-24A	29	0.0009748	0.0001356	0.00002517	0.001	0.001	0.001	0.00027	0.001	96.55
Antimony (mg/L)	MW-25A-00	39	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Antimony (mg/L)	MW-29A	30	0.001968	0.0001734	0.00003167	0.002	0.002	0.002	0.00105	0.002	96.67
Antimony (mg/L)	MW-31B	41	0.000922	0.00006963	0.00001087	0.000933	0.000933	0.000933	0.0005	0.001	92.68
Antimony (mg/L)	MW-201A	26	0.0009678	0.0001641	0.00003219	0.001	0.001	0.001	0.000163	0.001	96.15
Antimony (mg/L)	MW-202A	28	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-203A	28	0.0009884	0.00006123	0.00001157	0.001	0.001	0.001	0.000676	0.001	96.43
Antimony (mg/L)	MW-204A	28	0.001	0	0	0.001	0.001	0.001	0.001	0.001	100
Antimony (mg/L)	MW-208B	27	0.0009718	0.0001465	0.00002819	0.001	0.001	0.001	0.000239	0.001	96.3
Antimony (mg/L)	MW-210B	28	0.0009705	0.0001563	0.00002954	0.001	0.001	0.001	0.000173	0.001	96.43
Antimony (mg/L)	MW-215A	27	0.001768	0.000531	0.0001022	0.002	0.002	0.002	0.000249	0.002	81.48
Antimony (mg/L)	MW-214A	27	0.0009331	0.0001971	0.00003793	0.001	0.001	0.001	0.000257	0.001	88.89
Antimony (mg/L)	MW-200A	27	0.002	0	0	0.002	0.002	0.002	0.002	0.002	100
Antimony (mg/L)	MW-205A	30	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Antimony (mg/L)	MW-211B	35	0.0009126	0.0001205	0.00002037	0.000933	0.000933	0.000933	0.00022	0.000933	97.14
Antimony (mg/L)	MW-213A	30	0.0009204	0.00006901	0.0000126	0.000933	0.000933	0.000933	0.000555	0.000933	96.67
Antimony (mg/L)	MW-310A	19	0.0009497	0.00007272	0.00001668	0.000933	0.000933	0.000933	0.000933	0.00125	94.74
Antimony (mg/L)	MW-312A	17	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Antimony (mg/L)	MW-38A (bg)	26	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Antimony (mg/L)	MW-39B (bg)	25	0.0008849	0.0001735	0.0000347	0.000933	0.000933	0.000933	0.000163	0.000933	92
Antimony (mg/L)	MW-216A	32	0.0009598	0.0001609	0.00002844	0.000933	0.000933	0.000933	0.000882	0.00184	93.75
Antimony (mg/L)	MW-217A	32	0.000956	0.0001303	0.00002303	0.000933	0.000933	0.000933	0.000933	0.00167	96.88
Antimony (mg/L)	MW-218A	32	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Antimony (mg/L)	MW-219A	32	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Antimony (mg/L)	MW-220A	32	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Antimony (mg/L)	MW-18AR	7	0.001953	0.0001247	0.00004714	0.002	0.002	0.002	0.00167	0.002	85.71
Antimony (mg/L)	MW-408	10	0.0008897	0.0001369	0.0000433	0.000933	0.000933	0.000933	0.0005	0.000933	90
Antimony (mg/L)	MW-410	10	0.000933	0	0	0.000933	0.000933	0.000933	0.000933	0.000933	100
Arsenic (mg/L)	MW-34A (bg)	42	0.001853	0.0008984	0.0001386	0.002	0.0011	0.002	0.000485	0.00585	54.76
Arsenic (mg/L)	MW-1B	37	0.0007937	0.0006807	0.0001119	0.00053	0.00053	0.00053	0.00053	0.00327	78.38
Arsenic (mg/L)	MW-5B	36	0.001631	0.0007836	0.0001306	0.0016	0.001115	0.002	0.000585	0.0044	25
Arsenic (mg/L)	MW-7B1	36	0.004851	0.002675	0.0004459	0.00405	0.00249	0.007275	0.00163	0.012	0
Arsenic (mg/L)	MW-8B	35	0.02594	0.01539	0.002601	0.021	0.0164	0.03	0.0105	0.08	0
Arsenic (mg/L)	MW-10B	30	0.0005481	0.0001562	0.00002852	0.00053	0.00053	0.00053	0.000267	0.0012	83.33
Arsenic (mg/L)	MW-12B	36	0.005958	0.004188	0.000698	0.00603	0.001685	0.01	0.000594	0.013	11.11
Arsenic (mg/L)	MW-14B	36	0.003077	0.001749	0.0002915	0.002455	0.002	0.00415	0.000963	0.00777	2.778
Arsenic (mg/L)	MW-17A-00	33	0.0005853	0.0009275	0.0001615	0.000232	0.000232	0.000397	0.000232	0.004	75.76
Arsenic (mg/L)	MW-23A	33	0.001232	0.001713	0.0002981	0.00053	0.00053	0.000777	0.00033	0.0082	69.7
Arsenic (mg/L)	MW-24A	40	0.006153	0.006523	0.001031	0.00354	0.00145	0.007808	0.0005	0.028	7.5
Arsenic (mg/L)	MW-25A-00	38	0.0008011	0.001219	0.0001978	0.00053	0.00053	0.00053	0.000296	0.008	78.95

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Arsenic (mg/L)	MW-29A	38	0.0007323	0.0004793	0.00007775	0.00053	0.00053	0.0007345	0.000378	0.003	65.79
Arsenic (mg/L)	MW-31B	41	0.001455	0.002113	0.00033	0.00053	0.00053	0.00157	0.00053	0.012	56.1
Arsenic (mg/L)	MW-201A	39	0.005432	0.01028	0.001647	0.00053	0.00053	0.00582	0.000223	0.054	48.72
Arsenic (mg/L)	MW-202A	36	0.001301	0.002239	0.0003732	0.00053	0.00053	0.000648	0.000365	0.011	72.22
Arsenic (mg/L)	MW-203A	34	0.0004338	0.0004459	0.00007646	0.000232	0.000232	0.000289	0.000232	0.00195	76.47
Arsenic (mg/L)	MW-204A	36	0.05093	0.03528	0.00588	0.0532	0.0141	0.08235	0.0005	0.105	2.778
Arsenic (mg/L)	MW-208B	35	0.00547	0.005377	0.000909	0.003	0.00152	0.0074	0.000921	0.0217	5.714
Arsenic (mg/L)	MW-210B	36	0.003253	0.0038	0.0006334	0.002	0.00175	0.002585	0.000865	0.0202	25
Arsenic (mg/L)	MW-215A	33	0.002424	0.001351	0.0002352	0.002	0.001315	0.003225	0.000593	0.0052	12.12
Arsenic (mg/L)	MW-214A	33	0.001666	0.001785	0.0003107	0.00053	0.00053	0.00219	0.000265	0.0062	48.48
Arsenic (mg/L)	MW-200A	37	0.0007918	0.001476	0.0002427	0.000232	0.000232	0.000232	0.000232	0.0057	81.08
Arsenic (mg/L)	MW-205A	35	0.03366	0.03544	0.005991	0.0217	0.0088	0.0492	0.00232	0.151	0
Arsenic (mg/L)	MW-211B	38	0.009701	0.02291	0.003716	0.002025	0.002	0.00696	0.000799	0.139	28.95
Arsenic (mg/L)	MW-213A	35	0.004301	0.003614	0.0006108	0.004	0.00174	0.0046	0.000614	0.015	34.29
Arsenic (mg/L)	MW-310A	32	0.000232	0	0	0.000232	0.000232	0.000232	0.000232	0.000232	100
Arsenic (mg/L)	MW-312A	19	0.0002724	0.0001762	0.00004042	0.000232	0.000232	0.000232	0.000232	0.001	94.74
Arsenic (mg/L)	MW-38A (bg)	26	0.001185	0.004298	0.0008428	0.000232	0.000232	0.000232	0.000232	0.0222	80.77
Arsenic (mg/L)	MW-39B (bg)	25	0.0007906	0.0009007	0.0001801	0.00053	0.00053	0.00053	0.00027	0.00466	80
Arsenic (mg/L)	MW-216A	32	0.002548	0.00407	0.0007196	0.00053	0.00053	0.00238	0.000254	0.0162	53.13
Arsenic (mg/L)	MW-217A	32	0.0007249	0.001693	0.0002993	0.000232	0.000232	0.000232	0.000232	0.00782	87.5
Arsenic (mg/L)	MW-218A	32	0.0003427	0.0003498	0.00006184	0.000232	0.000232	0.000232	0.000232	0.00172	87.5
Arsenic (mg/L)	MW-219A	32	0.0003228	0.0003631	0.00006419	0.000232	0.000232	0.000232	0.000232	0.00216	90.63
Arsenic (mg/L)	MW-220A	31	0.0007605	0.0005334	0.00009581	0.00053	0.00053	0.00053	0.000247	0.00222	74.19
Arsenic (mg/L)	MW-18AR	16	0.0008774	0.0005584	0.0001396	0.00053	0.00053	0.001255	0.000284	0.0023	50
Arsenic (mg/L)	MW-408	16	0.00033	0.000392	0.000098	0.000232	0.000232	0.000232	0.000232	0.0018	93.75
Arsenic (mg/L)	MW-410	10	0.0006414	0.0002734	0.00008647	0.00053	0.00053	0.0006675	0.000499	0.0014	60
Barium (mg/L)	MW-34A (bg)	44	0.2136	0.06479	0.009767	0.196	0.161	0.251	0.125	0.394	0
Barium (mg/L)	MW-1B	41	0.4694	0.1041	0.01626	0.493	0.376	0.554	0.159	0.644	0
Barium (mg/L)	MW-5B	37	0.1788	0.03908	0.006425	0.174	0.1565	0.202	0.0824	0.273	0
Barium (mg/L)	MW-7B1	37	0.5371	0.09359	0.01539	0.504	0.4635	0.5965	0.42	0.732	0
Barium (mg/L)	MW-8B	37	0.6102	0.2623	0.04312	0.583	0.429	0.7255	0.22	1.44	0
Barium (mg/L)	MW-10B	15	0.1337	0.01799	0.004645	0.138	0.128	0.148	0.0972	0.164	0
Barium (mg/L)	MW-12B	35	0.5785	0.2243	0.03792	0.653	0.335	0.799	0.243	0.866	0
Barium (mg/L)	MW-14B	37	0.4346	0.06035	0.009921	0.425	0.38	0.49	0.33	0.544	0
Barium (mg/L)	MW-17A-00	36	0.4604	0.05335	0.008892	0.462	0.413	0.4945	0.366	0.562	0
Barium (mg/L)	MW-23A	35	0.3166	0.02774	0.00469	0.316	0.294	0.34	0.27	0.373	0
Barium (mg/L)	MW-24A	40	0.3603	0.07789	0.01232	0.343	0.309	0.3905	0.263	0.605	0
Barium (mg/L)	MW-25A-00	42	0.143	0.05416	0.008357	0.1475	0.0949	0.1915	0.005	0.237	2.381
Barium (mg/L)	MW-29A	42	0.1496	0.05892	0.009091	0.1285	0.1153	0.155	0.0926	0.359	0
Barium (mg/L)	MW-31B	44	0.3608	0.1233	0.01859	0.3695	0.2555	0.448	0.169	0.6125	0
Barium (mg/L)	MW-201A	39	0.429	0.2472	0.03958	0.336	0.251	0.569	0.154	1.15	0
Barium (mg/L)	MW-202A	36	0.3565	0.06118	0.0102	0.365	0.3105	0.4045	0.232	0.451	0
Barium (mg/L)	MW-203A	36	0.3107	0.04231	0.007051	0.311	0.282	0.3335	0.235	0.415	0
Barium (mg/L)	MW-204A	36	0.1691	0.02431	0.004052	0.169	0.1555	0.185	0.0996	0.215	0
Barium (mg/L)	MW-208B	35	0.6142	0.2593	0.04383	0.694	0.53	0.777	0.0557	0.968	0
Barium (mg/L)	MW-210B	35	0.2729	0.06936	0.01172	0.272	0.237	0.302	0.113	0.434	0
Barium (mg/L)	MW-215A	33	0.1927	0.1033	0.01799	0.139	0.103	0.315	0.0787	0.366	0
Barium (mg/L)	MW-214A	32	0.2826	0.04933	0.008721	0.2765	0.2545	0.302	0.169	0.406	0
Barium (mg/L)	MW-200A	38	0.7479	0.2097	0.03403	0.768	0.5425	0.9135	0.41	1.14	0
Barium (mg/L)	MW-205A	35	0.4183	0.1771	0.02994	0.367	0.287	0.5	0.18	1.02	0

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Barium (mg/L)	MW-211B	37	0.5446	0.1982	0.03259	0.564	0.366	0.684	0.229	1.03	0
Barium (mg/L)	MW-213A	35	0.2527	0.1683	0.02845	0.27	0.0788	0.345	0.0384	0.667	0
Barium (mg/L)	MW-310A	20	0.09791	0.03876	0.008666	0.0943	0.0636	0.118	0.0522	0.2	0
Barium (mg/L)	MW-312A	17	0.1812	0.03299	0.008001	0.174	0.1635	0.1925	0.116	0.259	0
Barium (mg/L)	MW-38A (bg)	25	0.278	0.05619	0.01124	0.293	0.2265	0.317	0.183	0.406	0
Barium (mg/L)	MW-39B (bg)	23	0.1643	0.01785	0.003721	0.165	0.151	0.176	0.125	0.206	0
Barium (mg/L)	MW-216A	31	0.3115	0.2297	0.04126	0.281	0.216	0.302	0.0508	0.906	0
Barium (mg/L)	MW-217A	30	0.102	0.04824	0.008807	0.09105	0.07785	0.1045	0.0614	0.274	0
Barium (mg/L)	MW-218A	32	0.2423	0.02894	0.005116	0.236	0.2205	0.268	0.193	0.302	0
Barium (mg/L)	MW-219A	32	0.5188	0.1277	0.02257	0.5595	0.471	0.607	0.199	0.708	0
Barium (mg/L)	MW-220A	30	0.3057	0.06671	0.01218	0.2935	0.276	0.319	0.206	0.559	0
Barium (mg/L)	MW-18AR	16	0.7335	0.1612	0.04031	0.758	0.647	0.8675	0.416	0.96	0
Barium (mg/L)	MW-408	10	0.1774	0.01202	0.003801	0.1765	0.1675	0.1885	0.157	0.196	0
Barium (mg/L)	MW-410	10	0.09699	0.008451	0.002672	0.09665	0.0898	0.1027	0.0862	0.114	0
Beryllium (mg/L)	MW-34A (bg)	44	0.000255	0.0001257	0.00001895	0.000236	0.000236	0.000236	0.000236	0.00107	97.73
Beryllium (mg/L)	MW-1B	38	0.0002324	0.00002206	0.000003579	0.000236	0.000236	0.000236	0.0001	0.000236	97.37
Beryllium (mg/L)	MW-5B	30	0.0003213	0.00004783	0.000008733	0.00033	0.00033	0.00033	0.000068	0.00033	96.67
Beryllium (mg/L)	MW-7B1	30	0.0003937	0.0002427	0.00004431	0.00033	0.00033	0.00033	0.00033	0.00134	93.33
Beryllium (mg/L)	MW-8B	33	0.0004937	0.0005186	0.00009027	0.00033	0.00033	0.00033	0.000085	0.00237	81.82
Beryllium (mg/L)	MW-10B	15	0.000236	0	0	0.000236	0.000236	0.000236	0.000236	0.000236	100
Beryllium (mg/L)	MW-12B	28	0.004	0	0	0.004	0.004	0.004	0.004	0.004	100
Beryllium (mg/L)	MW-14B	30	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-17A-00	30	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-23A	30	0.0003923	0.0003414	0.00006233	0.00033	0.00033	0.00033	0.00033	0.0022	96.67
Beryllium (mg/L)	MW-24A	29	0.0003154	0.00005496	0.00001021	0.00033	0.00033	0.00033	0.000097	0.00033	93.1
Beryllium (mg/L)	MW-25A-00	39	0.0002335	0.00001553	0.000002487	0.000236	0.000236	0.000236	0.000139	0.000236	97.44
Beryllium (mg/L)	MW-29A	30	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-31B	41	0.0003323	0.0003304	0.0000516	0.000236	0.000236	0.000236	0.000236	0.00205	85.37
Beryllium (mg/L)	MW-201A	30	0.0007583	0.0008363	0.0001527	0.00033	0.00033	0.001165	0.00033	0.00332	70
Beryllium (mg/L)	MW-202A	28	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-203A	28	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-204A	28	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-208B	27	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-210B	28	0.0003261	0.00002079	0.000003929	0.00033	0.00033	0.00033	0.00022	0.00033	96.43
Beryllium (mg/L)	MW-215A	27	0.00033	0	0	0.00033	0.00033	0.00033	0.00033	0.00033	100
Beryllium (mg/L)	MW-214A	30	0.0004024	0.0003943	0.00007198	0.00033	0.00033	0.00033	0.000127	0.00246	83.33
Beryllium (mg/L)	MW-200A	29	0.003792	0.0008151	0.0001514	0.004	0.004	0.004	0.00007	0.004	93.1
Beryllium (mg/L)	MW-205A	28	0.0002288	0.00002807	0.000005305	0.000236	0.000236	0.000236	0.0001	0.000236	92.86
Beryllium (mg/L)	MW-211B	35	0.0003202	0.0003864	0.00006532	0.000236	0.000236	0.000236	0.000236	0.00241	94.29
Beryllium (mg/L)	MW-213A	28	0.0003041	0.0002504	0.00004733	0.000236	0.000236	0.000236	0.000236	0.00123	92.86
Beryllium (mg/L)	MW-310A	19	0.000236	0	0	0.000236	0.000236	0.000236	0.000236	0.000236	100
Beryllium (mg/L)	MW-312A	17	0.0002339	0.000008731	0.000002118	0.000236	0.000236	0.000236	0.0002	0.000236	94.12
Beryllium (mg/L)	MW-38A (bg)	25	0.0002291	0.0000344	0.00000688	0.000236	0.000236	0.000236	0.000064	0.000236	96
Beryllium (mg/L)	MW-39B (bg)	25	0.0002521	0.0000806	0.00001612	0.000236	0.000236	0.000236	0.000236	0.000639	96
Beryllium (mg/L)	MW-216A	30	0.0006738	0.001144	0.000209	0.000236	0.000236	0.000236	0.000041	0.0048	80
Beryllium (mg/L)	MW-217A	32	0.000415	0.0008428	0.000149	0.000236	0.000236	0.000236	0.0000845	0.00487	90.63
Beryllium (mg/L)	MW-218A	32	0.000236	0	0	0.000236	0.000236	0.000236	0.000236	0.000236	100
Beryllium (mg/L)	MW-219A	32	0.0002327	0.00001856	0.000003281	0.000236	0.000236	0.000236	0.000131	0.000236	96.88
Beryllium (mg/L)	MW-220A	31	0.0004365	0.0005913	0.0001062	0.000236	0.000236	0.000236	0.000236	0.00298	87.1
Beryllium (mg/L)	MW-18AR	7	0.004	0	0	0.004	0.004	0.004	0.004	0.004	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Beryllium (mg/L)	MW-408	10	0.0002224	0.00004301	0.0000136	0.000236	0.000236	0.000236	0.0001	0.000236	90
Beryllium (mg/L)	MW-410	10	0.000236	0	0	0.000236	0.000236	0.000236	0.000236	0.000236	100
Cadmium (mg/L)	MW-34A (bg)	38	0.000167	0	0	0.000167	0.000167	0.000167	0.000167	0.000167	100
Cadmium (mg/L)	MW-1B	37	0.0001633	0.00001582	0.000002602	0.000167	0.000167	0.000167	0.000096	0.000167	94.59
Cadmium (mg/L)	MW-5B	29	0.00009572	0.00001357	0.00000252	0.0001	0.0001	0.0001	0.000048	0.0001	89.66
Cadmium (mg/L)	MW-7B1	29	0.0001	0	0	0.0001	0.0001	0.0001	0.0001	0.0001	100
Cadmium (mg/L)	MW-8B	29	0.0001246	0.0001423	0.00002643	0.0001	0.0001	0.0001	0.00005	0.000863	93.1
Cadmium (mg/L)	MW-10B	15	0.0001714	0.00004868	0.00001257	0.000167	0.000167	0.000167	0.0001	0.000334	73.33
Cadmium (mg/L)	MW-12B	27	0.0005709	0.0003308	0.00006366	0.0008	0.000128	0.0008	0.000077	0.0008	66.67
Cadmium (mg/L)	MW-14B	29	0.00009024	0.00001846	0.000003429	0.0001	0.000087	0.0001	0.000046	0.000106	68.97
Cadmium (mg/L)	MW-17A-00	29	0.0001	0	0	0.0001	0.0001	0.0001	0.0001	0.0001	100
Cadmium (mg/L)	MW-23A	29	0.0001368	0.0002046	0.00003799	0.0001	0.0001	0.0001	0.000067	0.0012	93.1
Cadmium (mg/L)	MW-24A	29	0.0001283	0.0001002	0.00001861	0.0001	0.0001	0.0001	0.0001	0.00058	89.66
Cadmium (mg/L)	MW-25A-00	38	0.000167	0	0	0.000167	0.000167	0.000167	0.000167	0.000167	100
Cadmium (mg/L)	MW-29A	29	0.00009566	0.00001407	0.000002613	0.0001	0.0001	0.0001	0.000036	0.0001	89.66
Cadmium (mg/L)	MW-31B	41	0.0001911	0.00006964	0.00001088	0.000167	0.000167	0.000167	0.000167	0.00045	85.37
Cadmium (mg/L)	MW-201A	27	0.0001	0	0	0.0001	0.0001	0.0001	0.0001	0.0001	100
Cadmium (mg/L)	MW-202A	29	0.0001	0	0	0.0001	0.0001	0.0001	0.0001	0.0001	100
Cadmium (mg/L)	MW-203A	29	0.0000979	0.00001133	0.000002103	0.0001	0.0001	0.0001	0.000039	0.0001	96.55
Cadmium (mg/L)	MW-204A	29	0.00009531	0.00001411	0.00000262	0.0001	0.0001	0.0001	0.000045	0.0001	86.21
Cadmium (mg/L)	MW-208B	31	0.000157	0.0001396	0.00002507	0.0001	0.0001	0.0001	0.000055	0.000605	67.74
Cadmium (mg/L)	MW-210B	32	0.0005957	0.0004569	0.00008077	0.0006225	0.0001	0.0008235	0.0001	0.00172	34.38
Cadmium (mg/L)	MW-215A	27	0.0006402	0.0003048	0.00005867	0.0008	0.0008	0.0008	0.000045	0.0008	77.78
Cadmium (mg/L)	MW-214A	27	0.0001036	0.00001444	0.000002778	0.0001	0.0001	0.0001	0.0001	0.000172	92.59
Cadmium (mg/L)	MW-200A	29	0.0008	0	0	0.0008	0.0008	0.0008	0.0008	0.0008	100
Cadmium (mg/L)	MW-205A	30	0.0001694	0.00001315	0.0000024	0.000167	0.000167	0.000167	0.000167	0.000239	96.67
Cadmium (mg/L)	MW-211B	36	0.0002661	0.0002622	0.0000437	0.000167	0.000167	0.000209	0.000115	0.00145	69.44
Cadmium (mg/L)	MW-213A	30	0.0001635	0.00008592	0.00001569	0.000167	0.0001425	0.000167	0.00005	0.000573	70
Cadmium (mg/L)	MW-310A	19	0.000167	0	0	0.000167	0.000167	0.000167	0.000167	0.000167	100
Cadmium (mg/L)	MW-312A	17	0.0001689	0.000008004	0.000001941	0.000167	0.000167	0.000167	0.000167	0.0002	94.12
Cadmium (mg/L)	MW-38A (bg)	26	0.0002271	0.0003065	0.00006012	0.000167	0.000167	0.000167	0.000167	0.00173	96.15
Cadmium (mg/L)	MW-39B (bg)	25	0.0001839	0.0001121	0.00002242	0.000167	0.000118	0.000167	0.000054	0.000521	52
Cadmium (mg/L)	MW-216A	32	0.000285	0.0003562	0.00006298	0.000167	0.000167	0.000167	0.000036	0.00157	71.88
Cadmium (mg/L)	MW-217A	31	0.000167	0	0	0.000167	0.000167	0.000167	0.000167	0.000167	100
Cadmium (mg/L)	MW-218A	32	0.000165	0.00001149	0.000002031	0.000167	0.000167	0.000167	0.000102	0.000167	96.88
Cadmium (mg/L)	MW-219A	31	0.000167	0	0	0.000167	0.000167	0.000167	0.000167	0.000167	100
Cadmium (mg/L)	MW-220A	32	0.0003507	0.0005674	0.0001003	0.000167	0.000167	0.000167	0.000038	0.00251	81.25
Cadmium (mg/L)	MW-18AR	7	0.000692	0.0002857	0.000108	0.0008	0.0008	0.0008	0.000044	0.0008	85.71
Cadmium (mg/L)	MW-408	9	0.0001847	0.00008874	0.00002958	0.00015	0.0001155	0.0002505	0.0000835	0.000359	11.11
Cadmium (mg/L)	MW-410	10	0.000167	0	0	0.000167	0.000167	0.000167	0.000167	0.000167	100
Chromium (mg/L)	MW-34A (bg)	34	0.001232	0.0006015	0.0001032	0.00114	0.00114	0.00114	0.000794	0.00462	94.12
Chromium (mg/L)	MW-1B	37	0.001131	0.0000559	0.000009189	0.00114	0.00114	0.00114	0.0008	0.00114	97.3
Chromium (mg/L)	MW-5B	29	0.001696	0.000325	0.00006034	0.0018	0.0018	0.0018	0.000514	0.0018	86.21
Chromium (mg/L)	MW-7B1	29	0.0018	0	0	0.0018	0.0018	0.0018	0.0018	0.0018	100
Chromium (mg/L)	MW-8B	29	0.001881	0.0006374	0.0001184	0.0018	0.0018	0.0018	0.000867	0.00507	93.1
Chromium (mg/L)	MW-10B	15	0.00158	0.001704	0.00044	0.00114	0.00114	0.00114	0.00114	0.00774	93.33
Chromium (mg/L)	MW-12B	27	0.007839	0.0008391	0.0001615	0.008	0.008	0.008	0.00364	0.008	96.3
Chromium (mg/L)	MW-14B	29	0.001852	0.0002823	0.00005241	0.0018	0.0018	0.0018	0.0018	0.00332	96.55
Chromium (mg/L)	MW-17A-00	29	0.001801	0.0002364	0.00004389	0.0018	0.0018	0.0018	0.00138	0.00286	62.07
Chromium (mg/L)	MW-23A	29	0.001835	0.0002767	0.00005137	0.0018	0.0018	0.0018	0.00109	0.0026	58.62

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Chromium (mg/L)	MW-24A	29	0.0018	0	0	0.0018	0.0018	0.0018	0.0018	0.0018	100
Chromium (mg/L)	MW-25A-00	38	0.001152	0.0002095	0.00003399	0.00114	0.00114	0.00114	0.000839	0.00224	65.79
Chromium (mg/L)	MW-29A	29	0.0018	0	0	0.0018	0.0018	0.0018	0.0018	0.0018	100
Chromium (mg/L)	MW-31B	41	0.001752	0.00158	0.0002467	0.0012	0.0012	0.001485	0.000597	0.00988	68.29
Chromium (mg/L)	MW-201A	27	0.02702	0.08459	0.01628	0.0018	0.0018	0.0018	0.0008	0.405	81.48
Chromium (mg/L)	MW-202A	29	0.001749	0.000357	0.0000663	0.0018	0.001755	0.0018	0.000855	0.00273	55.17
Chromium (mg/L)	MW-203A	29	0.01175	0.008721	0.00162	0.02	0.0026	0.02	0.00134	0.02	51.72
Chromium (mg/L)	MW-204A	29	0.001746	0.0002091	0.00003883	0.0018	0.0018	0.0018	0.000803	0.0018	93.1
Chromium (mg/L)	MW-208B	28	0.002512	0.003479	0.0006574	0.0018	0.0018	0.0018	0.0018	0.0202	92.86
Chromium (mg/L)	MW-210B	29	0.0018	0	0	0.0018	0.0018	0.0018	0.0018	0.0018	100
Chromium (mg/L)	MW-215A	27	0.004301	0.001484	0.0002856	0.005	0.005	0.005	0.000675	0.00625	74.07
Chromium (mg/L)	MW-214A	28	0.002779	0.001671	0.0003158	0.0018	0.0018	0.003065	0.000443	0.0072	53.57
Chromium (mg/L)	MW-200A	28	0.007094	0.002359	0.0004457	0.008	0.008	0.008	0.000459	0.008	85.71
Chromium (mg/L)	MW-205A	30	0.001122	0.0001936	0.00003535	0.00114	0.00114	0.00114	0.000421	0.00163	86.67
Chromium (mg/L)	MW-211B	37	0.006172	0.0103	0.001693	0.00459	0.00459	0.00459	0.0007	0.067	94.59
Chromium (mg/L)	MW-213A	30	0.00114	0	0	0.00114	0.00114	0.00114	0.00114	0.00114	100
Chromium (mg/L)	MW-310A	19	0.001226	0.0003762	0.00008632	0.00114	0.00114	0.00114	0.00114	0.00278	94.74
Chromium (mg/L)	MW-312A	17	0.002578	0.004949	0.0012	0.00114	0.00114	0.00114	0.0006	0.0212	82.35
Chromium (mg/L)	MW-38A (bg)	26	0.009966	0.01255	0.00246	0.002715	0.00253	0.02	0.00182	0.0477	23.08
Chromium (mg/L)	MW-39B (bg)	25	0.001881	0.003265	0.0006529	0.00114	0.00114	0.00114	0.00114	0.0174	92
Chromium (mg/L)	MW-216A	31	0.001117	0.00007661	0.00001376	0.00114	0.00114	0.00114	0.0008	0.00114	90.32
Chromium (mg/L)	MW-217A	30	0.001555	0.0003748	0.00006842	0.001475	0.00129	0.0018	0.000744	0.0028	36.67
Chromium (mg/L)	MW-218A	32	0.00112	0.0001082	0.00001913	0.00114	0.00114	0.00114	0.000528	0.00114	93.75
Chromium (mg/L)	MW-219A	32	0.00114	0	0	0.00114	0.00114	0.00114	0.00114	0.00114	100
Chromium (mg/L)	MW-220A	31	0.001145	0.00002874	0.000005161	0.00114	0.00114	0.00114	0.00114	0.0013	96.77
Chromium (mg/L)	MW-18AR	7	0.008	0	0	0.008	0.008	0.008	0.008	0.008	100
Chromium (mg/L)	MW-408	10	0.001857	0.002046	0.000647	0.00114	0.00114	0.00147	0.00114	0.00765	80
Chromium (mg/L)	MW-410	10	0.00114	0	0	0.00114	0.00114	0.00114	0.00114	0.00114	100
Cobalt (mg/L)	MW-34A (bg)	44	0.0007562	0.001255	0.0001892	0.000402	0.000402	0.000402	0.000049	0.0074	68.18
Cobalt (mg/L)	MW-1B	38	0.0004766	0.0006993	0.0001134	0.000402	0.0002595	0.000402	0.00006	0.00417	60.53
Cobalt (mg/L)	MW-5B	34	0.001295	0.0015	0.0002572	0.0005	0.0005	0.001685	0.000111	0.00548	38.24
Cobalt (mg/L)	MW-7B1	34	0.0007223	0.0009251	0.0001587	0.000402	0.0002785	0.000445	0.000106	0.0034	44.12
Cobalt (mg/L)	MW-8B	35	0.003269	0.003611	0.0006103	0.00241	0.00103	0.0031	0.0006	0.0151	25.71
Cobalt (mg/L)	MW-10B	15	0.000475	0.0003124	0.00008065	0.000402	0.000402	0.000402	0.000299	0.0016	86.67
Cobalt (mg/L)	MW-12B	32	0.007964	0.007416	0.001311	0.008065	0.0008645	0.01015	0.000328	0.02	21.88
Cobalt (mg/L)	MW-14B	34	0.008816	0.006065	0.00104	0.007015	0.005655	0.008405	0.00118	0.02	20.59
Cobalt (mg/L)	MW-17A-00	34	0.0004602	0.0003392	0.00005818	0.000402	0.000402	0.000402	0.000402	0.00238	97.06
Cobalt (mg/L)	MW-23A	34	0.0007319	0.001389	0.0002382	0.000402	0.000402	0.000402	0.000243	0.00817	61.76
Cobalt (mg/L)	MW-24A	37	0.01123	0.00494	0.0008122	0.01	0.007985	0.01305	0.00394	0.02	18.92
Cobalt (mg/L)	MW-25A-00	39	0.0006043	0.0007543	0.0001208	0.000402	0.000402	0.000402	0.000058	0.00331	71.79
Cobalt (mg/L)	MW-29A	39	0.001324	0.00203	0.000325	0.000402	0.000402	0.0015	0.000061	0.00919	43.59
Cobalt (mg/L)	MW-31B	41	0.003778	0.003269	0.0005106	0.00198	0.000543	0.007	0.000195	0.0107	34.15
Cobalt (mg/L)	MW-201A	39	0.001128	0.001697	0.0002718	0.000402	0.000402	0.00104	0.000092	0.0089	53.85
Cobalt (mg/L)	MW-202A	32	0.0003747	0.00009132	0.00001614	0.000402	0.000402	0.000402	0.000038	0.000402	90.63
Cobalt (mg/L)	MW-203A	32	0.0007494	0.001837	0.0003247	0.000402	0.000402	0.000402	0.000035	0.0106	81.25
Cobalt (mg/L)	MW-204A	36	0.001945	0.001738	0.0002896	0.00145	0.000402	0.003635	0.0001	0.0064	33.33
Cobalt (mg/L)	MW-208B	35	0.01141	0.008285	0.0014	0.0141	0.000456	0.0176	0.000268	0.0337	17.14
Cobalt (mg/L)	MW-210B	36	0.005835	0.001355	0.0002258	0.00609	0.00536	0.006845	0.0024	0.0093	16.67
Cobalt (mg/L)	MW-215A	33	0.001565	0.000859	0.0001495	0.00161	0.0007015	0.00241	0.000115	0.00335	30.3
Cobalt (mg/L)	MW-214A	34	0.0008663	0.001127	0.0001933	0.000402	0.000402	0.000478	0.000053	0.00465	61.76

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Cobalt (mg/L)	MW-200A	38	0.001149	0.002287	0.0003711	0.000402	0.000402	0.000402	0.000051	0.0106	65.79
Cobalt (mg/L)	MW-205A	35	0.0008661	0.001208	0.0002042	0.000402	0.0003	0.000608	0.000155	0.00643	42.86
Cobalt (mg/L)	MW-211B	38	0.04022	0.03939	0.006389	0.03245	0.01365	0.05185	0.00484	0.223	0
Cobalt (mg/L)	MW-213A	35	0.01152	0.008293	0.001402	0.00979	0.0042	0.0176	0.000417	0.0293	0
Cobalt (mg/L)	MW-310A	30	0.0003041	0.0001369	0.00002499	0.000402	0.000139	0.000402	0.000053	0.000402	63.33
Cobalt (mg/L)	MW-312A	17	0.0006809	0.0007143	0.0001732	0.000402	0.000402	0.000402	0.000203	0.0029	70.59
Cobalt (mg/L)	MW-38A (bg)	26	0.0008399	0.001833	0.0003595	0.000402	0.000402	0.000402	0.000074	0.00939	80.77
Cobalt (mg/L)	MW-39B (bg)	25	0.001577	0.002309	0.0004619	0.0007	0.000402	0.001625	0.000204	0.009	20
Cobalt (mg/L)	MW-216A	32	0.006282	0.01297	0.002293	0.000402	0.000189	0.001058	0.000054	0.0437	28.13
Cobalt (mg/L)	MW-217A	30	0.001125	0.002808	0.0005127	0.000402	0.000402	0.000402	0.000041	0.015	73.33
Cobalt (mg/L)	MW-218A	32	0.0007782	0.001237	0.0002186	0.000402	0.000402	0.000402	0.000048	0.00594	78.13
Cobalt (mg/L)	MW-219A	32	0.0008891	0.0014	0.0002475	0.000402	0.000402	0.000402	0.00009	0.00508	81.25
Cobalt (mg/L)	MW-220A	32	0.00518	0.0175	0.003094	0.000402	0.000402	0.000402	0.000107	0.0941	75
Cobalt (mg/L)	MW-18AR	16	0.001109	0.0007146	0.0001787	0.00107	0.000402	0.0019	0.000402	0.00219	43.75
Cobalt (mg/L)	MW-408	9	0.0004719	0.0003268	0.0001089	0.0004	0.0001745	0.000724	0.00017	0.00109	22.22
Cobalt (mg/L)	MW-410	14	0.0008391	0.0006911	0.0001847	0.0006755	0.0002995	0.001055	0.000085	0.00255	7.143
Copper (mg/L)	MW-34A (bg)	37	0.000781	0.001013	0.0001665	0.000497	0.000497	0.000497	0.000497	0.00534	91.89
Copper (mg/L)	MW-1B	37	0.001331	0.004534	0.0007455	0.000497	0.000497	0.000497	0.000497	0.028	91.89
Copper (mg/L)	MW-5B	32	0.003038	0.0006252	0.0001105	0.0032	0.00301	0.0032	0.00129	0.0052	65.63
Copper (mg/L)	MW-7B1	36	0.007734	0.01893	0.003155	0.000497	0.000497	0.0005665	0.000497	0.095	75
Copper (mg/L)	MW-8B	36	0.007168	0.01242	0.00207	0.0032	0.0032	0.0032	0.000756	0.049	77.78
Copper (mg/L)	MW-10B	13	0.0007905	0.0008691	0.0002411	0.000497	0.000497	0.000497	0.000497	0.00361	84.62
Copper (mg/L)	MW-12B	31	0.004307	0.005473	0.0009829	0.0032	0.0032	0.0032	0.000704	0.027	77.42
Copper (mg/L)	MW-14B	33	0.003006	0.0007969	0.0001387	0.0032	0.0032	0.0032	0.000491	0.00547	81.82
Copper (mg/L)	MW-17A-00	33	0.002568	0.006585	0.001146	0.000497	0.000497	0.000497	0.000497	0.028	84.85
Copper (mg/L)	MW-23A	33	0.006352	0.01507	0.002623	0.0032	0.0032	0.0032	0.00103	0.087	87.88
Copper (mg/L)	MW-24A	37	0.005071	0.007252	0.001192	0.0032	0.0032	0.0032	0.000601	0.031	75.68
Copper (mg/L)	MW-25A-00	38	0.003105	0.0004475	0.00007259	0.0032	0.0032	0.0032	0.000617	0.0032	94.74
Copper (mg/L)	MW-29A	38	0.003808	0.005074	0.0008231	0.0032	0.0032	0.0032	0.000857	0.034	78.95
Copper (mg/L)	MW-31B	41	0.01324	0.02686	0.004195	0.0032	0.0032	0.00624	0.000937	0.128	51.22
Copper (mg/L)	MW-201A	35	0.007658	0.0175	0.002958	0.000497	0.000497	0.00191	0.000497	0.07	65.71
Copper (mg/L)	MW-202A	33	0.001487	0.005312	0.0009246	0.000497	0.000497	0.000497	0.000497	0.031	93.94
Copper (mg/L)	MW-203A	33	0.001552	0.006005	0.001045	0.000497	0.000497	0.000497	0.000497	0.035	93.94
Copper (mg/L)	MW-204A	33	0.003795	0.001718	0.000299	0.0032	0.0032	0.0032	0.000627	0.00924	69.7
Copper (mg/L)	MW-208B	26	0.003197	0.00003436	0.000006738	0.0032	0.0032	0.0032	0.00304	0.00325	88.46
Copper (mg/L)	MW-210B	32	0.003212	0.000934	0.0001651	0.0032	0.0032	0.0032	0.000781	0.00636	62.5
Copper (mg/L)	MW-215A	31	0.003339	0.001216	0.0002183	0.0032	0.0032	0.0032	0.000511	0.00754	61.29
Copper (mg/L)	MW-214A	32	0.001676	0.002927	0.0005174	0.000497	0.000497	0.001365	0.000497	0.0149	71.88
Copper (mg/L)	MW-200A	38	0.001674	0.006563	0.001065	0.000497	0.000497	0.000497	0.000497	0.041	86.84
Copper (mg/L)	MW-205A	34	0.003754	0.00416	0.0007134	0.0032	0.0032	0.0032	0.000735	0.027	79.41
Copper (mg/L)	MW-211B	37	0.004965	0.01583	0.002602	0.000497	0.000497	0.0014	0.000497	0.0888	70.27
Copper (mg/L)	MW-213A	34	0.003522	0.003819	0.000655	0.0032	0.0032	0.0032	0.000564	0.0247	82.35
Copper (mg/L)	MW-310A	19	0.0005815	0.0002722	0.00006245	0.000497	0.000497	0.000497	0.000497	0.0016	89.47
Copper (mg/L)	MW-312A	17	0.0007211	0.0006447	0.0001564	0.000497	0.000497	0.000497	0.000497	0.0031	82.35
Copper (mg/L)	MW-38A (bg)	26	0.002718	0.0008614	0.0001689	0.0032	0.002055	0.0032	0.000763	0.0032	73.08
Copper (mg/L)	MW-39B (bg)	24	0.0008814	0.0009089	0.0001855	0.000497	0.000497	0.000497	0.000497	0.00376	79.17
Copper (mg/L)	MW-216A	29	0.002651	0.0007863	0.000146	0.0032	0.001905	0.0032	0.00102	0.0032	62.07
Copper (mg/L)	MW-217A	32	0.006237	0.02363	0.004178	0.000497	0.000497	0.000497	0.000497	0.121	87.5
Copper (mg/L)	MW-218A	32	0.0006674	0.0005526	0.00009769	0.000497	0.000497	0.000497	0.000497	0.00342	84.38
Copper (mg/L)	MW-219A	32	0.003555	0.003294	0.0005823	0.0032	0.0032	0.0032	0.000607	0.0209	81.25

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Copper (mg/L)	MW-220A	30	0.008792	0.01673	0.003055	0.0032	0.0032	0.0032	0.000635	0.0709	60
Copper (mg/L)	MW-18AR	14	0.0006689	0.0004438	0.0001186	0.000497	0.000497	0.000497	0.000497	0.0019	85.71
Copper (mg/L)	MW-408	10	0.003059	0.0008581	0.0002714	0.0032	0.0032	0.003445	0.000705	0.0038	70
Copper (mg/L)	MW-410	10	0.00248	0.0007994	0.0002528	0.0027	0.00167	0.0032	0.0013	0.0032	50
Cyanide (mg/L)	MW-34A (bg)	7	0.01	0	0	0.01	0.01	0.01	0.01	0.01	100
Cyanide (mg/L)	MW-1B	5	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-5B	5	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-7B1	5	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-8B	5	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-10B	2	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-12B	4	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Cyanide (mg/L)	MW-14B	5	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-17A-00	5	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-23A	5	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-24A	5	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-25A-00	5	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-29A	14	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-31B	5	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-201A	4	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-202A	4	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-203A	4	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-204A	4	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-208B	4	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-210B	4	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-215A	4	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-214A	4	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-200A	3	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Cyanide (mg/L)	MW-205A	4	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-211B	3	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Cyanide (mg/L)	MW-213A	4	0.0035	0	0	0.0035	0.0035	0.0035	0.0035	0.0035	100
Cyanide (mg/L)	MW-310A	1	0.01	0	0	0.01	0.01	0.01	0.01	0.01	100
Cyanide (mg/L)	MW-312A	1	0.01	0	0	0.01	0.01	0.01	0.01	0.01	100
Cyanide (mg/L)	MW-216A	3	0.01	0	0	0.01	0.01	0.01	0.01	0.01	100
Cyanide (mg/L)	MW-217A	3	0.01	0	0	0.01	0.01	0.01	0.01	0.01	100
Cyanide (mg/L)	MW-218A	3	0.01	0	0	0.01	0.01	0.01	0.01	0.01	100
Cyanide (mg/L)	MW-219A	3	0.01	0	0	0.01	0.01	0.01	0.01	0.01	100
Cyanide (mg/L)	MW-220A	3	0.01	0	0	0.01	0.01	0.01	0.01	0.01	100
Cyanide (mg/L)	MW-18AR	2	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Lead (mg/L)	MW-34A (bg)	42	0.000351	0.0008109	0.0001251	0.000186	0.000186	0.000186	0.000186	0.00509	92.86
Lead (mg/L)	MW-1B	37	0.0003579	0.0007566	0.0001244	0.000186	0.000186	0.000186	0.000167	0.0042	91.89
Lead (mg/L)	MW-5B	33	0.0008433	0.001906	0.0003318	0.000186	0.000186	0.000434	0.000186	0.00892	63.64
Lead (mg/L)	MW-7B1	36	0.005406	0.009303	0.00155	0.000186	0.000186	0.008335	0.000186	0.041	61.11
Lead (mg/L)	MW-8B	35	0.006054	0.01345	0.002273	0.000186	0.000186	0.0016	0.000186	0.063	60
Lead (mg/L)	MW-10B	15	0.000186	0	0	0.000186	0.000186	0.000186	0.000186	0.000186	100
Lead (mg/L)	MW-12B	31	0.0002235	0.0002091	0.00003755	0.000186	0.000186	0.000186	0.000186	0.00135	96.77
Lead (mg/L)	MW-14B	33	0.000186	0	0	0.000186	0.000186	0.000186	0.000186	0.000186	100
Lead (mg/L)	MW-17A-00	33	0.0005081	0.001294	0.0002252	0.000186	0.000186	0.000186	0.000186	0.006	93.94
Lead (mg/L)	MW-23A	33	0.001788	0.006629	0.001154	0.00033	0.00033	0.00033	0.0001925	0.038	75.76
Lead (mg/L)	MW-24A	37	0.0007457	0.001488	0.0002447	0.00033	0.00033	0.00033	0.00033	0.008	78.38
Lead (mg/L)	MW-25A-00	38	0.000339	0.0009432	0.000153	0.000186	0.000186	0.000186	0.000186	0.006	97.37

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Lead (mg/L)	MW-29A	38	0.0003127	0.0007809	0.0001267	0.000186	0.000186	0.000186	0.000186	0.005	97.37
Lead (mg/L)	MW-31B	41	0.003349	0.003244	0.0005066	0.004	0.0007785	0.004	0.000388	0.018	36.59
Lead (mg/L)	MW-201A	39	0.01208	0.03114	0.004986	0.000186	0.000186	0.01	0.000186	0.18	51.28
Lead (mg/L)	MW-202A	33	0.0005576	0.001885	0.0003281	0.000186	0.000186	0.000186	0.000135	0.011	87.88
Lead (mg/L)	MW-203A	33	0.0009082	0.002364	0.0004116	0.000186	0.000186	0.000186	0.000111	0.012	84.85
Lead (mg/L)	MW-204A	33	0.0003608	0.0001214	0.00002113	0.00033	0.00033	0.0003415	0.00011	0.000791	63.64
Lead (mg/L)	MW-208B	35	0.0003736	0.0009055	0.0001531	0.000186	0.000186	0.000186	0.000186	0.00544	91.43
Lead (mg/L)	MW-210B	34	0.0007215	0.0005572	0.00009556	0.0005	0.0005	0.0006965	0.000282	0.00243	58.82
Lead (mg/L)	MW-215A	31	0.0008731	0.000744	0.0001336	0.0005	0.0005	0.00089	0.000424	0.00368	51.61
Lead (mg/L)	MW-214A	34	0.002068	0.003781	0.0006485	0.000186	0.000186	0.00205	0.000186	0.014	64.71
Lead (mg/L)	MW-200A	38	0.001402	0.004676	0.0007585	0.000186	0.000186	0.000186	0.000186	0.023	86.84
Lead (mg/L)	MW-205A	35	0.001203	0.003195	0.0005401	0.000186	0.000186	0.000461	0.000186	0.0165	68.57
Lead (mg/L)	MW-211B	37	0.001813	0.006853	0.001127	0.000186	0.000186	0.000186	0.000186	0.04	86.49
Lead (mg/L)	MW-213A	35	0.002345	0.003836	0.0006485	0.00033	0.00033	0.0034	0.000138	0.015	48.57
Lead (mg/L)	MW-310A	19	0.000186	0	0	0.000186	0.000186	0.000186	0.000186	0.000186	100
Lead (mg/L)	MW-312A	17	0.000186	0	0	0.000186	0.000186	0.000186	0.000186	0.000186	100
Lead (mg/L)	MW-38A (bg)	26	0.0006317	0.001424	0.0002793	0.000186	0.000186	0.000186	0.000186	0.00626	80.77
Lead (mg/L)	MW-39B (bg)	25	0.001125	0.002931	0.0005862	0.000186	0.000186	0.00026	0.000186	0.0128	76
Lead (mg/L)	MW-216A	32	0.002949	0.005648	0.0009984	0.000186	0.000186	0.000357	0.00015	0.02	59.38
Lead (mg/L)	MW-217A	32	0.002069	0.007867	0.001391	0.000186	0.000186	0.000186	0.0001165	0.0432	84.38
Lead (mg/L)	MW-218A	32	0.0004023	0.001217	0.0002151	0.000186	0.000186	0.000186	0.000104	0.00707	87.5
Lead (mg/L)	MW-219A	32	0.0008406	0.002235	0.0003951	0.000186	0.000186	0.000186	0.000186	0.0115	87.5
Lead (mg/L)	MW-220A	32	0.002113	0.00461	0.000815	0.000186	0.000186	0.000186	0.000186	0.0197	78.13
Lead (mg/L)	MW-18AR	16	0.0001934	0.00003701	0.000009252	0.000186	0.000186	0.000186	0.00016	0.00033	87.5
Lead (mg/L)	MW-408	10	0.0002474	0.0001942	0.0000614	0.000186	0.000186	0.000186	0.000186	0.0008	90
Lead (mg/L)	MW-410	10	0.000186	0	0	0.000186	0.000186	0.000186	0.000186	0.000186	100
Mercury (mg/L)	MW-34A (bg)	2	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-1B	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-5B	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-7B1	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-8B	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-10B	2	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-12B	4	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Mercury (mg/L)	MW-14B	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-17A-00	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-23A	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-24A	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-25A-00	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-29A	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-31B	5	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-201A	4	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-202A	4	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-203A	4	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-204A	4	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-208B	4	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-210B	4	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-215A	4	0.0001315	0.000043	0.0000215	0.00011	0.00011	0.000153	0.00011	0.000196	75
Mercury (mg/L)	MW-214A	4	0.00011	0	0	0.00011	0.00011	0.00011	0.00011	0.00011	100
Mercury (mg/L)	MW-200A	3	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Mercury (mg/L)	MW-205A	4	0.000076	0	0	0.000076	0.000076	0.000076	0.000076	0.000076	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Mercury (mg/L)	MW-211B	3	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Mercury (mg/L)	MW-213A	4	0.000076	0	0	0.000076	0.000076	0.000076	0.000076	0.000076	100
Mercury (mg/L)	MW-310A	1	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-312A	1	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-216A	3	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-217A	3	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-218A	3	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-219A	3	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-220A	3	0.0002	0	0	0.0002	0.0002	0.0002	0.0002	0.0002	100
Mercury (mg/L)	MW-18AR	2	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Nickel (mg/L)	MW-34A (bg)	41	0.002354	0.001453	0.000227	0.0023	0.0023	0.0023	0.00074	0.011	80.49
Nickel (mg/L)	MW-1B	37	0.0008966	0.00159	0.0002614	0.000625	0.000625	0.000625	0.000625	0.0103	94.59
Nickel (mg/L)	MW-5B	33	0.004317	0.001497	0.0002606	0.005	0.00289	0.005	0.0011	0.00764	57.58
Nickel (mg/L)	MW-7B1	36	0.008883	0.01298	0.002164	0.0023	0.0023	0.01215	0.0008	0.058	47.22
Nickel (mg/L)	MW-8B	36	0.009695	0.01163	0.001938	0.00415	0.0023	0.0118	0.0012	0.046	27.78
Nickel (mg/L)	MW-10B	15	0.005846	0.01362	0.003517	0.0023	0.0023	0.0023	0.000986	0.055	73.33
Nickel (mg/L)	MW-12B	34	0.01901	0.0165	0.002829	0.013	0.00838	0.019	0.00299	0.05	20.59
Nickel (mg/L)	MW-14B	36	0.02361	0.01985	0.003308	0.0108	0.00797	0.05	0.00346	0.05	33.33
Nickel (mg/L)	MW-17A-00	36	0.003934	0.006883	0.001147	0.0023	0.0023	0.0023	0.000806	0.041	75
Nickel (mg/L)	MW-23A	31	0.002173	0.0004705	0.0000845	0.0023	0.0023	0.0023	0.0007245	0.003515	70.97
Nickel (mg/L)	MW-24A	40	0.01122	0.009799	0.001549	0.006345	0.005	0.016	0.0034	0.0474	22.5
Nickel (mg/L)	MW-25A-00	38	0.002555	0.002382	0.0003865	0.0023	0.0023	0.0023	0.000872	0.016	71.05
Nickel (mg/L)	MW-29A	38	0.007727	0.00676	0.001097	0.005	0.004912	0.008605	0.00093	0.0292	42.11
Nickel (mg/L)	MW-31B	40	0.004449	0.005651	0.0008934	0.0021	0.0021	0.003255	0.00108	0.023	55
Nickel (mg/L)	MW-201A	36	0.0133	0.03544	0.005907	0.001535	0.000625	0.00545	0.000625	0.2	41.67
Nickel (mg/L)	MW-202A	33	0.001534	0.003885	0.0006764	0.000625	0.000625	0.000625	0.000625	0.022	87.88
Nickel (mg/L)	MW-203A	33	0.0023	0.00589	0.001025	0.000625	0.000625	0.000625	0.000625	0.03	87.88
Nickel (mg/L)	MW-204A	33	0.01076	0.008708	0.001516	0.00506	0.00462	0.0168	0.00224	0.038	24.24
Nickel (mg/L)	MW-208B	32	0.01491	0.01096	0.001938	0.0195	0.0023	0.0239	0.000936	0.037	28.13
Nickel (mg/L)	MW-210B	33	0.02394	0.01418	0.002468	0.0182	0.0152	0.0245	0.00951	0.05	21.21
Nickel (mg/L)	MW-215A	31	0.004369	0.002161	0.0003882	0.005	0.00258	0.005	0.00176	0.0131	54.84
Nickel (mg/L)	MW-214A	32	0.00277	0.001659	0.0002933	0.0023	0.0023	0.0023	0.001	0.00918	68.75
Nickel (mg/L)	MW-200A	38	0.004318	0.006758	0.001096	0.0023	0.0023	0.0023	0.000761	0.038	71.05
Nickel (mg/L)	MW-205A	35	0.01848	0.0304	0.005138	0.0023	0.0023	0.0274	0.00125	0.147	48.57
Nickel (mg/L)	MW-211B	38	0.05345	0.03283	0.005326	0.04358	0.03285	0.06658	0.025	0.195	13.16
Nickel (mg/L)	MW-213A	34	0.006273	0.006559	0.001125	0.00342	0.0023	0.007655	0.002	0.0265	38.24
Nickel (mg/L)	MW-310A	19	0.0007697	0.0004536	0.0001041	0.000625	0.000625	0.000625	0.000625	0.0024	89.47
Nickel (mg/L)	MW-312A	17	0.001443	0.001886	0.0004575	0.000625	0.000625	0.001412	0.000625	0.0077	76.47
Nickel (mg/L)	MW-38A (bg)	26	0.007862	0.02531	0.004964	0.000625	0.000625	0.000625	0.000588	0.105	76.92
Nickel (mg/L)	MW-39B (bg)	25	0.004466	0.004075	0.0008149	0.00269	0.0023	0.00475	0.00195	0.0165	28
Nickel (mg/L)	MW-216A	32	0.01692	0.02046	0.003617	0.00573	0.00477	0.02972	0.00236	0.0594	18.75
Nickel (mg/L)	MW-217A	32	0.006419	0.01741	0.003077	0.0023	0.0023	0.0023	0.0009	0.0888	81.25
Nickel (mg/L)	MW-218A	32	0.0006251	5.3e-7	9.4e-8	0.000625	0.000625	0.000625	0.000625	0.000628	96.88
Nickel (mg/L)	MW-219A	32	0.000652	0.0001374	0.00002429	0.000625	0.000625	0.000625	0.000625	0.0014	93.75
Nickel (mg/L)	MW-220A	31	0.002279	0.0001817	0.00003264	0.0023	0.0023	0.0023	0.00133	0.00253	90.32
Nickel (mg/L)	MW-18AR	16	0.003817	0.001673	0.0004182	0.00391	0.0023	0.00491	0.00138	0.00661	31.25
Nickel (mg/L)	MW-408	9	0.003631	0.002449	0.0008164	0.0029	0.0023	0.003805	0.00205	0.00989	22.22
Nickel (mg/L)	MW-410	10	0.003403	0.001062	0.0003357	0.003205	0.0023	0.0045	0.0021	0.0049	20
Selenium (mg/L)	MW-34A (bg)	38	0.000982	0	0	0.000982	0.000982	0.000982	0.000982	0.000982	100
Selenium (mg/L)	MW-1B	37	0.001104	0.0007428	0.0001221	0.000982	0.000982	0.000982	0.000982	0.0055	97.3

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Selenium (mg/L)	MW-5B	29	0.001367	0.0001361	0.00002527	0.0014	0.0014	0.0014	0.000709	0.0014	93.1
Selenium (mg/L)	MW-7B1	29	0.001459	0.0003157	0.00005862	0.0014	0.0014	0.0014	0.0014	0.0031	96.55
Selenium (mg/L)	MW-8B	29	0.001438	0.0002043	0.00003793	0.0014	0.0014	0.0014	0.0014	0.0025	96.55
Selenium (mg/L)	MW-10B	15	0.003747	0.001276	0.0003293	0.00375	0.00285	0.005	0.00134	0.00519	33.33
Selenium (mg/L)	MW-12B	27	0.003891	0.0005677	0.0001093	0.004	0.004	0.004	0.00105	0.004	92.59
Selenium (mg/L)	MW-14B	29	0.001448	0.00026	0.00004828	0.0014	0.0014	0.0014	0.0014	0.0028	96.55
Selenium (mg/L)	MW-17A-00	29	0.00138	0.0001097	0.00002038	0.0014	0.0014	0.0014	0.000809	0.0014	96.55
Selenium (mg/L)	MW-23A	29	0.001541	0.0004842	0.00008991	0.0014	0.0014	0.0014	0.00105	0.00307	68.97
Selenium (mg/L)	MW-24A	29	0.001447	0.0002683	0.00004981	0.0014	0.0014	0.0014	0.00132	0.002839	93.1
Selenium (mg/L)	MW-25A-00	38	0.001022	0.0002495	0.00004047	0.000982	0.000982	0.000982	0.000982	0.00252	97.37
Selenium (mg/L)	MW-29A	29	0.001406	0.00003343	0.000006207	0.0014	0.0014	0.0014	0.0014	0.00158	96.55
Selenium (mg/L)	MW-31B	41	0.00106	0.0005026	0.00007849	0.000982	0.000982	0.000982	0.000982	0.0042	97.56
Selenium (mg/L)	MW-201A	27	0.001412	0.00004458	0.000008579	0.0014	0.0014	0.0014	0.0014	0.00159	92.59
Selenium (mg/L)	MW-202A	29	0.001421	0.0001665	0.00003091	0.0014	0.0014	0.0014	0.00108	0.00216	68.97
Selenium (mg/L)	MW-203A	29	0.00139	0.0001394	0.00002589	0.0014	0.0014	0.0014	0.000754	0.00176	93.1
Selenium (mg/L)	MW-204A	32	0.003924	0.0006993	0.0001236	0.004	0.004	0.004	0.000746	0.0059	90.63
Selenium (mg/L)	MW-208B	31	0.0014	0	0	0.0014	0.0014	0.0014	0.0014	0.0014	100
Selenium (mg/L)	MW-210B	32	0.001482	0.0005998	0.000106	0.0014	0.0014	0.0014	0.000711	0.0047	93.75
Selenium (mg/L)	MW-215A	27	0.001394	0.00004492	0.000008645	0.0014	0.0014	0.0014	0.00118	0.00147	88.89
Selenium (mg/L)	MW-214A	28	0.001784	0.001448	0.0002736	0.0014	0.0014	0.0015	0.00122	0.00892	57.14
Selenium (mg/L)	MW-200A	29	0.004	0	0	0.004	0.004	0.004	0.004	0.004	100
Selenium (mg/L)	MW-205A	30	0.0009938	0.0001096	0.00002001	0.000982	0.000982	0.000982	0.000779	0.00154	93.33
Selenium (mg/L)	MW-211B	38	0.001071	0.0002895	0.00004696	0.000982	0.000982	0.000982	0.000982	0.0023	89.47
Selenium (mg/L)	MW-213A	30	0.0009668	0.00005802	0.00001059	0.000982	0.000982	0.000982	0.000732	0.000982	93.33
Selenium (mg/L)	MW-310A	19	0.001574	0.0007023	0.0001611	0.0014	0.0014	0.0014	0.0011	0.0044	84.21
Selenium (mg/L)	MW-312A	17	0.001337	0.001464	0.0003552	0.000982	0.000982	0.000982	0.000982	0.00702	94.12
Selenium (mg/L)	MW-38A (bg)	26	0.001013	0.0001525	0.0000299	0.000982	0.000982	0.000982	0.000982	0.00176	92.31
Selenium (mg/L)	MW-39B (bg)	25	0.00139	0.0009027	0.0001805	0.000982	0.000982	0.001101	0.000982	0.00409	76
Selenium (mg/L)	MW-216A	32	0.00101	0.0001293	0.00002286	0.000982	0.000982	0.000982	0.00067	0.00144	81.25
Selenium (mg/L)	MW-217A	32	0.000982	0	0	0.000982	0.000982	0.000982	0.000982	0.000982	100
Selenium (mg/L)	MW-218A	32	0.0009838	0.00001025	0.000001812	0.000982	0.000982	0.000982	0.000982	0.00104	96.88
Selenium (mg/L)	MW-219A	32	0.0009713	0.00006063	0.00001072	0.000982	0.000982	0.000982	0.000639	0.000982	96.88
Selenium (mg/L)	MW-220A	32	0.0009795	0.00001414	0.0000025	0.000982	0.000982	0.000982	0.000902	0.000982	96.88
Selenium (mg/L)	MW-18AR	7	0.004	0	0	0.004	0.004	0.004	0.004	0.004	100
Selenium (mg/L)	MW-408	9	0.001674	0.0005713	0.0001904	0.0014	0.0014	0.001845	0.0014	0.00298	77.78
Selenium (mg/L)	MW-410	10	0.000982	0	0	0.000982	0.000982	0.000982	0.000982	0.000982	100
Silver (mg/L)	MW-34A (bg)	37	0.0001155	0.000002795	4.6e-7	0.000115	0.000115	0.000115	0.000115	0.000132	97.3
Silver (mg/L)	MW-1B	37	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	MW-5B	29	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Silver (mg/L)	MW-7B1	29	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Silver (mg/L)	MW-8B	28	0.0004884	0.00006161	0.00001164	0.0005	0.0005	0.0005	0.000174	0.0005	96.43
Silver (mg/L)	MW-10B	15	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	MW-12B	27	0.004	0	0	0.004	0.004	0.004	0.004	0.004	100
Silver (mg/L)	MW-14B	29	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	100
Silver (mg/L)	MW-17A-00	29	0.0004889	0.00005961	0.00001107	0.0005	0.0005	0.0005	0.000179	0.0005	96.55
Silver (mg/L)	MW-23A	29	0.0005012	0.000006221	0.000001155	0.0005	0.0005	0.0005	0.0005	0.0005335	96.55
Silver (mg/L)	MW-24A	29	0.0004844	0.00008412	0.00001562	0.0005	0.0005	0.0005	0.000047	0.0005	96.55
Silver (mg/L)	MW-25A-00	38	0.0001155	0.000003082	5.0e-7	0.000115	0.000115	0.000115	0.000115	0.000134	97.37
Silver (mg/L)	MW-29A	29	0.0004869	0.00007038	0.00001307	0.0005	0.0005	0.0005	0.000121	0.0005	96.55
Silver (mg/L)	MW-31B	41	0.000114	0.000006247	9.8e-7	0.000115	0.000115	0.000115	0.000075	0.000115	97.56

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Silver (mg/L)	MW-201A	27	0.0004699	0.000109	0.00002097	0.0005	0.0005	0.0005	0.000062	0.0005	92.59
Silver (mg/L)	MW-202A	29	0.0005859	0.0004624	0.00008586	0.0005	0.0005	0.0005	0.0005	0.00299	96.55
Silver (mg/L)	MW-203A	29	0.0004876	0.00006666	0.00001238	0.0005	0.0005	0.0005	0.000141	0.0005	96.55
Silver (mg/L)	MW-204A	29	0.0004905	0.00005125	0.000009517	0.0005	0.0005	0.0005	0.000224	0.0005	96.55
Silver (mg/L)	MW-208B	27	0.0004852	0.00007698	0.00001481	0.0005	0.0005	0.0005	0.0001	0.0005	96.3
Silver (mg/L)	MW-210B	29	0.0004892	0.00005831	0.00001083	0.0005	0.0005	0.0005	0.000186	0.0005	96.55
Silver (mg/L)	MW-215A	27	0.0004876	0.00006428	0.00001237	0.0005	0.0005	0.0005	0.000166	0.0005	96.3
Silver (mg/L)	MW-214A	28	0.0004871	0.00006841	0.00001293	0.0005	0.0005	0.0005	0.000138	0.0005	96.43
Silver (mg/L)	MW-200A	29	0.004	0	0	0.004	0.004	0.004	0.004	0.004	100
Silver (mg/L)	MW-205A	30	0.0001152	0.00001513	0.000002762	0.000115	0.000115	0.000115	0.000061	0.000176	93.33
Silver (mg/L)	MW-211B	37	0.0001283	0.00009032	0.00001485	0.000115	0.000115	0.000115	0.000063	0.0006605	94.59
Silver (mg/L)	MW-213A	30	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	MW-310A	19	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	MW-312A	17	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	MW-38A (bg)	26	0.000116	0.000005099	1.0e-6	0.000115	0.000115	0.000115	0.000115	0.000141	96.15
Silver (mg/L)	MW-39B (bg)	25	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	MW-216A	32	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	MW-217A	32	0.0001274	0.00007877	0.00001392	0.000115	0.000115	0.000115	0.000071	0.000557	93.75
Silver (mg/L)	MW-218A	32	0.0001155	0.000002828	5.0e-7	0.000115	0.000115	0.000115	0.000115	0.000131	96.88
Silver (mg/L)	MW-219A	32	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	MW-220A	32	0.0001152	0.000001061	1.9e-7	0.000115	0.000115	0.000115	0.000115	0.000121	96.88
Silver (mg/L)	MW-18AR	7	0.004	0	0	0.004	0.004	0.004	0.004	0.004	100
Silver (mg/L)	MW-408	10	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Silver (mg/L)	MW-410	10	0.000115	0	0	0.000115	0.000115	0.000115	0.000115	0.000115	100
Sulfide (mg/L)	MW-34A (bg)	12	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-1B	5	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-5B	5	0.3294	0.22	0.0984	0.231	0.231	0.477	0.231	0.723	80
Sulfide (mg/L)	MW-7B1	5	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-8B	20	1.087	1.524	0.3407	0.231	0.231	1.081	0.231	4.39	65
Sulfide (mg/L)	MW-10B	2	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-12B	4	0.1	0	0	0.1	0.1	0.1	0.1	0.1	100
Sulfide (mg/L)	MW-14B	5	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-17A-00	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-23A	11	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-24A	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-25A-00	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-29A	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-31B	5	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-201A	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-202A	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-203A	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-204A	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-208B	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-210B	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-215A	4	0.2578	0.0535	0.02675	0.231	0.231	0.2845	0.231	0.338	75
Sulfide (mg/L)	MW-214A	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100
Sulfide (mg/L)	MW-200A	3	0.1	0	0	0.1	0.1	0.1	0.1	0.1	100
Sulfide (mg/L)	MW-205A	4	0.1825	0.097	0.0485	0.231	0.134	0.231	0.037	0.231	75
Sulfide (mg/L)	MW-211B	3	0.1	0	0	0.1	0.1	0.1	0.1	0.1	100
Sulfide (mg/L)	MW-213A	4	0.231	0	0	0.231	0.231	0.231	0.231	0.231	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Sulfide (mg/L)	MW-310A	1	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-312A	1	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-38A (bg)	8	0.1	0	0	0.1	0.1	0.1	0.1	0.1	100
Sulfide (mg/L)	MW-39B (bg)	4	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-216A	22	1.066	0.3003	0.06402	1	1	1	1	2.41	90.91
Sulfide (mg/L)	MW-217A	3	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-218A	14	0.9522	0.1906	0.05094	1	1	1	0.291	1.04	85.71
Sulfide (mg/L)	MW-219A	13	1	0	0	1	1	1	1	1	100
Sulfide (mg/L)	MW-220A	3	0.773	0.3932	0.227	1	0.319	1	0.319	1	66.67
Sulfide (mg/L)	MW-18AR	14	0.4648	0.8537	0.2282	0.231	0.231	0.231	0.231	3.43	85.71
Thallium (mg/L)	MW-34A (bg)	37	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	MW-1B	38	0.000285	0.0001776	0.00002881	0.000255	0.000255	0.000255	0.000255	0.00135	94.74
Thallium (mg/L)	MW-5B	30	0.0005585	0.00006317	0.00001153	0.00057	0.00057	0.00057	0.000224	0.00057	96.67
Thallium (mg/L)	MW-7B1	30	0.00057	0	0	0.00057	0.00057	0.00057	0.00057	0.00057	100
Thallium (mg/L)	MW-8B	31	0.0005706	0.000003592	6.5e-7	0.00057	0.00057	0.00057	0.00057	0.00059	96.77
Thallium (mg/L)	MW-10B	15	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	MW-12B	28	0.001859	0.0005169	0.00009769	0.002	0.002	0.002	0.000026	0.002	92.86
Thallium (mg/L)	MW-14B	30	0.0005351	0.0001329	0.00002426	0.00057	0.00057	0.00057	0.000033	0.00057	93.33
Thallium (mg/L)	MW-17A-00	30	0.00057	0	0	0.00057	0.00057	0.00057	0.00057	0.00057	100
Thallium (mg/L)	MW-23A	30	0.0005753	0.00002921	0.000005333	0.00057	0.00057	0.00057	0.00057	0.00073	96.67
Thallium (mg/L)	MW-24A	29	0.0005414	0.0001114	0.00002069	0.00057	0.00057	0.00057	0.000038	0.00057	93.1
Thallium (mg/L)	MW-25A-00	39	0.0002673	0.00007654	0.00001226	0.000255	0.000255	0.000255	0.000255	0.000733	97.44
Thallium (mg/L)	MW-29A	30	0.00057	0	0	0.00057	0.00057	0.00057	0.00057	0.00057	100
Thallium (mg/L)	MW-31B	41	0.0003318	0.0003897	0.00006086	0.000255	0.000255	0.000255	0.000103	0.00253	73.17
Thallium (mg/L)	MW-201A	26	0.0005495	0.0001043	0.00002046	0.00057	0.00057	0.00057	0.000038	0.00057	96.15
Thallium (mg/L)	MW-202A	28	0.00057	0	0	0.00057	0.00057	0.00057	0.00057	0.00057	100
Thallium (mg/L)	MW-203A	28	0.00057	0	0	0.00057	0.00057	0.00057	0.00057	0.00057	100
Thallium (mg/L)	MW-204A	28	0.00057	0	0	0.00057	0.00057	0.00057	0.00057	0.00057	100
Thallium (mg/L)	MW-208B	27	0.0005334	0.0001445	0.00002781	0.00057	0.00057	0.00057	0.000034	0.000652	88.89
Thallium (mg/L)	MW-210B	28	0.0005506	0.0001028	0.00001943	0.00057	0.00057	0.00057	0.000026	0.00057	96.43
Thallium (mg/L)	MW-215A	27	0.00055	0.0001041	0.00002004	0.00057	0.00057	0.00057	0.000029	0.00057	96.3
Thallium (mg/L)	MW-214A	27	0.0006776	0.0006716	0.0001293	0.00057	0.00057	0.00057	0.000045	0.004	92.59
Thallium (mg/L)	MW-200A	30	0.001906	0.0003582	0.0000654	0.002	0.002	0.002	0.00048	0.002	93.33
Thallium (mg/L)	MW-205A	28	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	MW-211B	35	0.0002308	0.00006838	0.00001156	0.000255	0.000255	0.000255	0.000036	0.000255	88.57
Thallium (mg/L)	MW-213A	28	0.0002472	0.00004101	0.00000775	0.000255	0.000255	0.000255	0.000038	0.000255	96.43
Thallium (mg/L)	MW-310A	19	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	MW-312A	17	0.0002796	0.00009044	0.00002194	0.000255	0.000255	0.000255	0.000255	0.000628	88.24
Thallium (mg/L)	MW-38A (bg)	26	0.0002529	0.00001079	0.000002115	0.000255	0.000255	0.000255	0.0002	0.000255	96.15
Thallium (mg/L)	MW-39B (bg)	25	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	MW-216A	32	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	MW-217A	32	0.0002636	0.00004888	0.000008641	0.000255	0.000255	0.000255	0.000255	0.0005315	96.88
Thallium (mg/L)	MW-218A	32	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	MW-219A	32	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	MW-220A	32	0.000255	0	0	0.000255	0.000255	0.000255	0.000255	0.000255	100
Thallium (mg/L)	MW-18AR	7	0.002	0	0	0.002	0.002	0.002	0.002	0.002	100
Thallium (mg/L)	MW-408	10	0.0003108	0.0001335	0.00004222	0.000255	0.000255	0.0003275	0.000255	0.000668	80
Thallium (mg/L)	MW-410	10	0.0003395	0.0002672	0.0000845	0.000255	0.000255	0.000255	0.000255	0.0011	90
Tin (mg/L)	MW-34A (bg)	8	0.1	0	0	0.1	0.1	0.1	0.1	0.1	100
Tin (mg/L)	MW-1B	5	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Tin (mg/L)	MW-5B	5	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-7B1	5	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-8B	5	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-10B	2	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-12B	22	0.03085	0.03036	0.006472	0.02	0.02	0.02	0.0038	0.106	81.82
Tin (mg/L)	MW-14B	6	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-17A-00	5	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-23A	5	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-24A	5	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-25A-00	5	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-29A	5	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-31B	5	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-201A	4	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-202A	4	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-203A	4	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-204A	4	0.00266	0.00032	0.00016	0.0025	0.0025	0.00282	0.0025	0.00314	75
Tin (mg/L)	MW-208B	15	0.01396	0.03374	0.00871	0.0025	0.0025	0.0025	0.0025	0.128	86.67
Tin (mg/L)	MW-210B	4	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-215A	4	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-214A	4	0.0025	0	0	0.0025	0.0025	0.0025	0.0025	0.0025	100
Tin (mg/L)	MW-200A	3	0.02	0	0	0.02	0.02	0.02	0.02	0.02	100
Tin (mg/L)	MW-205A	4	0.001385	0.00017	0.000085	0.0013	0.0013	0.00147	0.0013	0.00164	75
Tin (mg/L)	MW-211B	3	0.02	0	0	0.02	0.02	0.02	0.02	0.02	100
Tin (mg/L)	MW-213A	4	0.0013	0	0	0.0013	0.0013	0.0013	0.0013	0.0013	100
Tin (mg/L)	MW-310A	1	0.1	0	0	0.1	0.1	0.1	0.1	0.1	100
Tin (mg/L)	MW-312A	1	0.1	0	0	0.1	0.1	0.1	0.1	0.1	100
Tin (mg/L)	MW-38A (bg)	2	0.1	0	0	0.1	0.1	0.1	0.1	0.1	100
Tin (mg/L)	MW-39B (bg)	4	0.03775	0.0655	0.03275	0.005	0.005	0.0705	0.005	0.136	75
Tin (mg/L)	MW-216A	3	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Tin (mg/L)	MW-217A	3	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Tin (mg/L)	MW-218A	3	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Tin (mg/L)	MW-219A	3	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Tin (mg/L)	MW-220A	3	0.005	0	0	0.005	0.005	0.005	0.005	0.005	100
Tin (mg/L)	MW-18AR	2	0.02	0	0	0.02	0.02	0.02	0.02	0.02	100
Vanadium (mg/L)	MW-34A (bg)	37	0.001769	0.0006773	0.0001114	0.0017	0.0017	0.0017	0.000452	0.00523	89.19
Vanadium (mg/L)	MW-1B	38	0.001683	0.0001071	0.00001737	0.0017	0.0017	0.0017	0.00104	0.0017	97.37
Vanadium (mg/L)	MW-5B	30	0.001916	0.0008801	0.0001607	0.0017	0.0017	0.0017	0.000599	0.00518	66.67
Vanadium (mg/L)	MW-7B1	30	0.001767	0.0006164	0.0001125	0.0017	0.0017	0.0017	0.000277	0.00376	83.33
Vanadium (mg/L)	MW-8B	33	0.001934	0.001189	0.0002069	0.0017	0.0017	0.0017	0.000947	0.00729	63.64
Vanadium (mg/L)	MW-10B	15	0.001629	0.0002005	0.00005177	0.0017	0.0017	0.0017	0.00105	0.00176	73.33
Vanadium (mg/L)	MW-12B	28	0.01941	0.003111	0.0005879	0.02	0.02	0.02	0.00354	0.02	96.43
Vanadium (mg/L)	MW-14B	30	0.001807	0.0004441	0.00008109	0.0017	0.0017	0.0017	0.0017	0.00398	93.33
Vanadium (mg/L)	MW-17A-00	30	0.001566	0.000412	0.00007522	0.0017	0.0017	0.0017	0.000565	0.00253	80
Vanadium (mg/L)	MW-23A	30	0.001566	0.0004512	0.00008238	0.0017	0.0017	0.0017	0.000591	0.002945	76.67
Vanadium (mg/L)	MW-24A	29	0.001641	0.0004062	0.00007544	0.0017	0.0017	0.0017	0.000625	0.00315	82.76
Vanadium (mg/L)	MW-25A-00	39	0.001604	0.0006215	0.00009951	0.0017	0.0017	0.0017	0.000587	0.00456	74.36
Vanadium (mg/L)	MW-29A	30	0.001647	0.0003786	0.00006912	0.0017	0.0017	0.0017	0.000368	0.00268	90
Vanadium (mg/L)	MW-31B	40	0.002099	0.002361	0.0003733	0.0011	0.0011	0.00114	0.000663	0.0117	65
Vanadium (mg/L)	MW-201A	26	0.001642	0.0004161	0.00008161	0.0017	0.001645	0.0017	0.000276	0.00244	65.38
Vanadium (mg/L)	MW-202A	28	0.001545	0.0004535	0.00008571	0.0017	0.001365	0.0017	0.000685	0.00298	71.43

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Vanadium (mg/L)	MW-203A	28	0.001612	0.0003242	0.00006126	0.0017	0.0017	0.0017	0.000337	0.0017	92.86
Vanadium (mg/L)	MW-204A	28	0.001631	0.0002769	0.00005233	0.0017	0.0017	0.0017	0.000325	0.0017	92.86
Vanadium (mg/L)	MW-208B	27	0.001716	0.0004364	0.00008398	0.0017	0.0017	0.0017	0.000362	0.00348	92.59
Vanadium (mg/L)	MW-210B	28	0.001702	0.0006286	0.0001188	0.0017	0.0017	0.0017	0.000584	0.00421	57.14
Vanadium (mg/L)	MW-215A	27	0.01278	0.008937	0.00172	0.02	0.00262	0.02	0.00049	0.02	59.26
Vanadium (mg/L)	MW-214A	27	0.002205	0.001598	0.0003075	0.0017	0.0017	0.0017	0.000608	0.00751	70.37
Vanadium (mg/L)	MW-200A	26	0.01165	0.009231	0.00181	0.02	0.00153	0.02	0.00126	0.02	53.85
Vanadium (mg/L)	MW-205A	28	0.01404	0.008852	0.001673	0.02	0.001675	0.02	0.000601	0.02	67.86
Vanadium (mg/L)	MW-211B	34	0.0016	0.0003375	0.00005788	0.0017	0.0017	0.0017	0.000373	0.00176	88.24
Vanadium (mg/L)	MW-213A	28	0.01424	0.008573	0.00162	0.02	0.00303	0.02	0.000325	0.02	67.86
Vanadium (mg/L)	MW-310A	19	0.001631	0.0003005	0.00006895	0.0017	0.0017	0.0017	0.00039	0.0017	94.74
Vanadium (mg/L)	MW-312A	17	0.001632	0.0002794	0.00006776	0.0017	0.0017	0.0017	0.000548	0.0017	94.12
Vanadium (mg/L)	MW-38A (bg)	26	0.001735	0.0009238	0.0001812	0.0017	0.00136	0.0017	0.000281	0.00554	42.31
Vanadium (mg/L)	MW-39B (bg)	24	0.001713	0.0004905	0.0001001	0.0017	0.00145	0.0017	0.00109	0.00308	37.5
Vanadium (mg/L)	MW-216A	32	0.01632	0.03611	0.006383	0.0017	0.001125	0.0017	0.000363	0.123	43.75
Vanadium (mg/L)	MW-217A	30	0.001558	0.0008302	0.0001516	0.0017	0.001025	0.0017	0.000495	0.00535	66.67
Vanadium (mg/L)	MW-218A	31	0.001453	0.0003214	0.00005772	0.0017	0.00119	0.0017	0.000504	0.0017	54.84
Vanadium (mg/L)	MW-219A	31	0.001428	0.0004173	0.00007494	0.0017	0.00102	0.0017	0.000437	0.0017	67.74
Vanadium (mg/L)	MW-220A	30	0.001506	0.0005929	0.0001083	0.0017	0.001008	0.0017	0.000274	0.00356	70
Vanadium (mg/L)	MW-18AR	7	0.01466	0.009126	0.003449	0.02	0.00159	0.02	0.00101	0.02	71.43
Vanadium (mg/L)	MW-408	10	0.008221	0.007549	0.002387	0.004345	0.002795	0.01855	0.00239	0.02	20
Vanadium (mg/L)	MW-410	10	0.001668	0.000621	0.0001964	0.0017	0.0017	0.0017	0.000231	0.00285	80
Zinc (mg/L)	MW-34A (bg)	42	0.01012	0.01264	0.001951	0.00692	0.00692	0.00692	0.00692	0.0684	92.86
Zinc (mg/L)	MW-1B	36	0.008091	0.006487	0.001081	0.00692	0.00692	0.00692	0.00692	0.0458	94.44
Zinc (mg/L)	MW-5B	29	0.04015	0.03846	0.007142	0.02	0.02	0.04095	0.0114	0.164	34.48
Zinc (mg/L)	MW-7B1	29	0.02857	0.03723	0.006913	0.013	0.013	0.0177	0.013	0.167	75.86
Zinc (mg/L)	MW-8B	32	0.0333	0.05221	0.00923	0.013	0.013	0.013	0.013	0.258	78.13
Zinc (mg/L)	MW-10B	15	0.006913	0.0000284	0.000007333	0.00692	0.00692	0.00692	0.00681	0.00692	93.33
Zinc (mg/L)	MW-12B	27	0.0253	0.02196	0.004226	0.02	0.02	0.02	0.0144	0.129	85.19
Zinc (mg/L)	MW-14B	29	0.01896	0.02297	0.004265	0.013	0.013	0.013	0.0085	0.134	82.76
Zinc (mg/L)	MW-17A-00	29	0.01768	0.01778	0.003302	0.013	0.013	0.013	0.00757	0.103	75.86
Zinc (mg/L)	MW-23A	29	0.01816	0.01752	0.003254	0.013	0.013	0.013	0.013	0.0924	89.66
Zinc (mg/L)	MW-24A	29	0.01842	0.01839	0.003415	0.013	0.013	0.013	0.013	0.109	82.76
Zinc (mg/L)	MW-25A-00	37	0.007835	0.003894	0.0006402	0.00692	0.00692	0.00692	0.00692	0.0252	94.59
Zinc (mg/L)	MW-29A	29	0.0146	0.008598	0.001597	0.013	0.013	0.013	0.013	0.0593	96.55
Zinc (mg/L)	MW-31B	39	0.01117	0.00982	0.001572	0.00692	0.00692	0.00692	0.00692	0.0407	82.05
Zinc (mg/L)	MW-201A	30	0.05218	0.09059	0.01654	0.013	0.013	0.06125	0.013	0.446	73.33
Zinc (mg/L)	MW-202A	29	0.02571	0.0568	0.01055	0.013	0.013	0.013	0.013	0.317	89.66
Zinc (mg/L)	MW-203A	32	0.02066	0.02277	0.004026	0.013	0.013	0.013	0.013	0.119	84.38
Zinc (mg/L)	MW-204A	29	0.02399	0.03378	0.006272	0.013	0.013	0.013	0.013	0.171	86.21
Zinc (mg/L)	MW-208B	31	0.02052	0.02544	0.00457	0.013	0.013	0.013	0.00594	0.135	80.65
Zinc (mg/L)	MW-210B	29	0.01847	0.02597	0.004822	0.013	0.013	0.013	0.008775	0.152	86.21
Zinc (mg/L)	MW-215A	29	0.01886	0.01868	0.003468	0.013	0.013	0.013	0.0119	0.1	82.76
Zinc (mg/L)	MW-214A	29	0.04556	0.082	0.01523	0.013	0.013	0.03345	0.00824	0.3605	65.52
Zinc (mg/L)	MW-200A	29	0.02851	0.02143	0.003979	0.02	0.02	0.0214	0.00776	0.11	72.41
Zinc (mg/L)	MW-205A	31	0.01642	0.03893	0.006993	0.00692	0.00692	0.00692	0.00572	0.222	77.42
Zinc (mg/L)	MW-211B	38	0.06754	0.03599	0.005838	0.065	0.065	0.065	0.00734	0.196	71.05
Zinc (mg/L)	MW-213A	31	0.0176	0.02965	0.005326	0.00692	0.00692	0.00692	0.00692	0.13	83.87
Zinc (mg/L)	MW-310A	19	0.01099	0.01419	0.003256	0.00692	0.00692	0.00692	0.00692	0.0674	89.47
Zinc (mg/L)	MW-312A	16	0.01117	0.007703	0.001926	0.00692	0.00692	0.01391	0.00692	0.0268	75

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:34 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Zinc (mg/L)	MW-38A (bg)	25	0.01075	0.009297	0.001859	0.00692	0.00692	0.00692	0.00692	0.0403	84
Zinc (mg/L)	MW-39B (bg)	24	0.008331	0.004864	0.0009928	0.00692	0.00692	0.00692	0.00692	0.0269	91.67
Zinc (mg/L)	MW-216A	32	0.04914	0.08284	0.01464	0.00692	0.00692	0.04316	0.00692	0.343	75
Zinc (mg/L)	MW-217A	31	0.01508	0.0298	0.005351	0.00692	0.00692	0.00692	0.00692	0.154	83.87
Zinc (mg/L)	MW-218A	31	0.01503	0.01481	0.002659	0.00692	0.00692	0.0234	0.00692	0.0526	70.97
Zinc (mg/L)	MW-219A	31	0.01337	0.01585	0.002847	0.00692	0.00692	0.00692	0.00692	0.0643	83.87
Zinc (mg/L)	MW-220A	31	0.03111	0.04573	0.008213	0.013	0.013	0.013	0.013	0.205	77.42
Zinc (mg/L)	MW-18AR	7	0.02	0	0	0.02	0.02	0.02	0.02	0.02	100
Zinc (mg/L)	MW-408	10	0.00692	0	0	0.00692	0.00692	0.00692	0.00692	0.00692	100
Zinc (mg/L)	MW-410	10	0.007152	0.0007336	0.000232	0.00692	0.00692	0.00692	0.00692	0.00924	90

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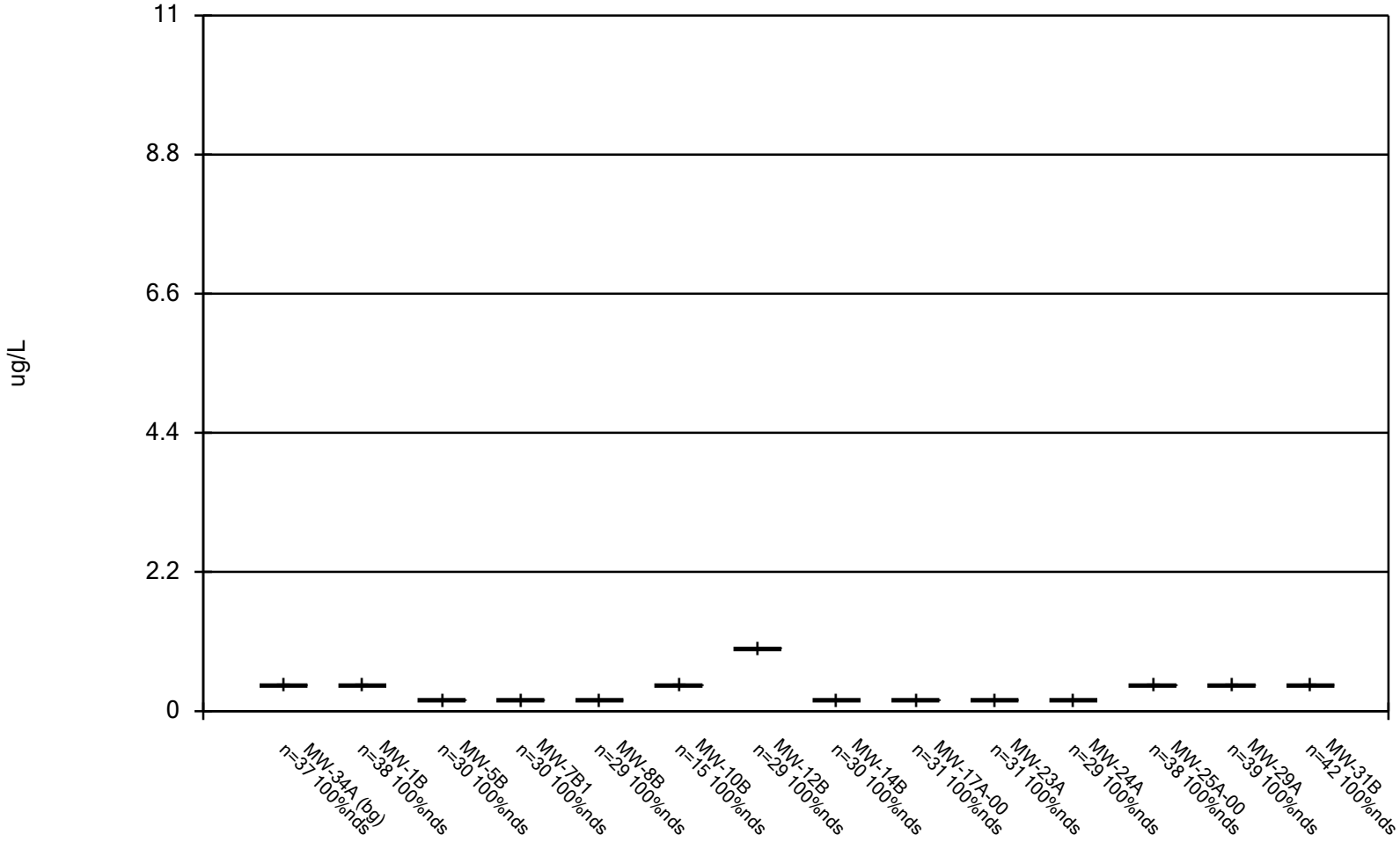

Constituent: 1,1,1-Trichloroethane Analysis Run 7/8/2026 10:14 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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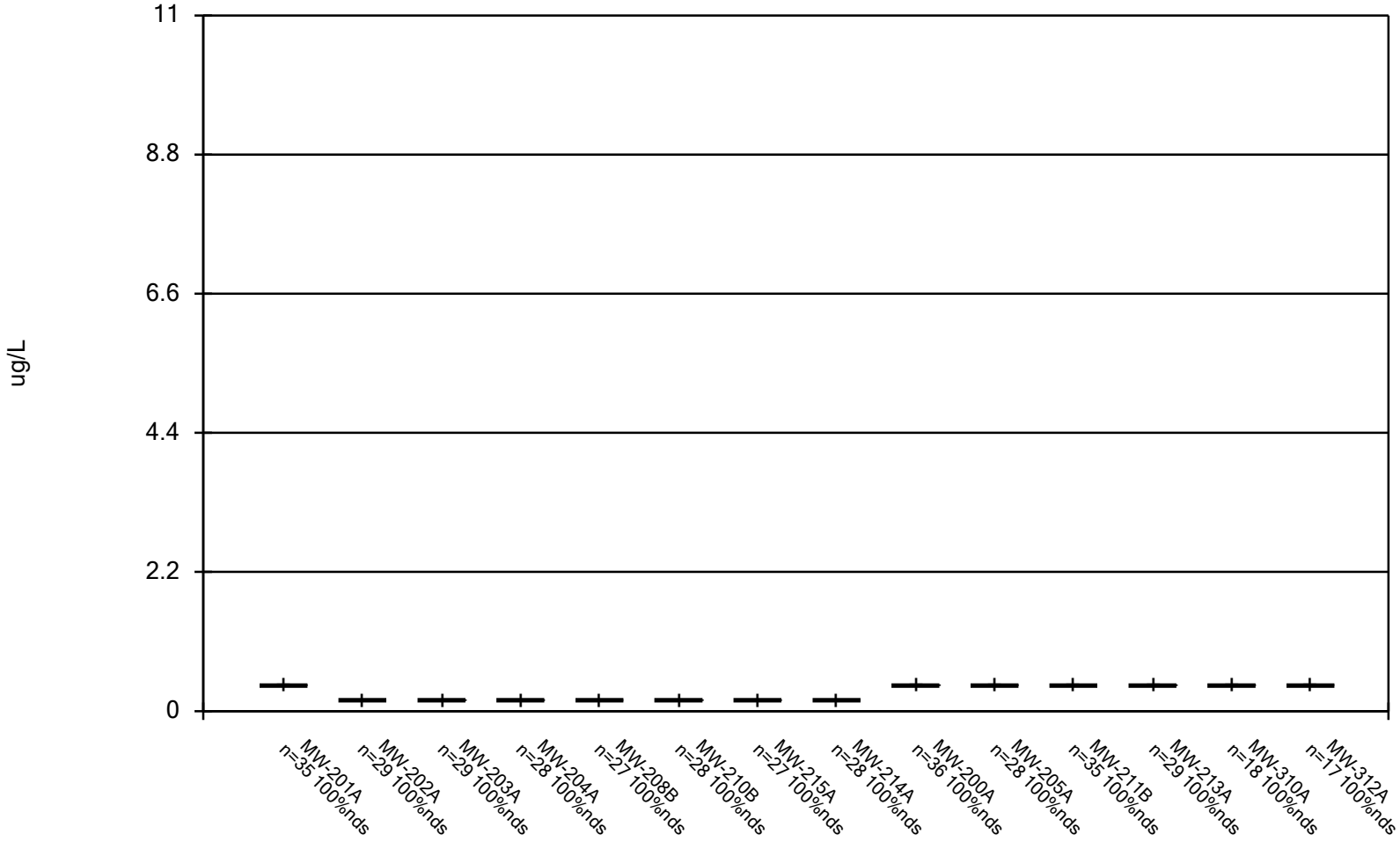

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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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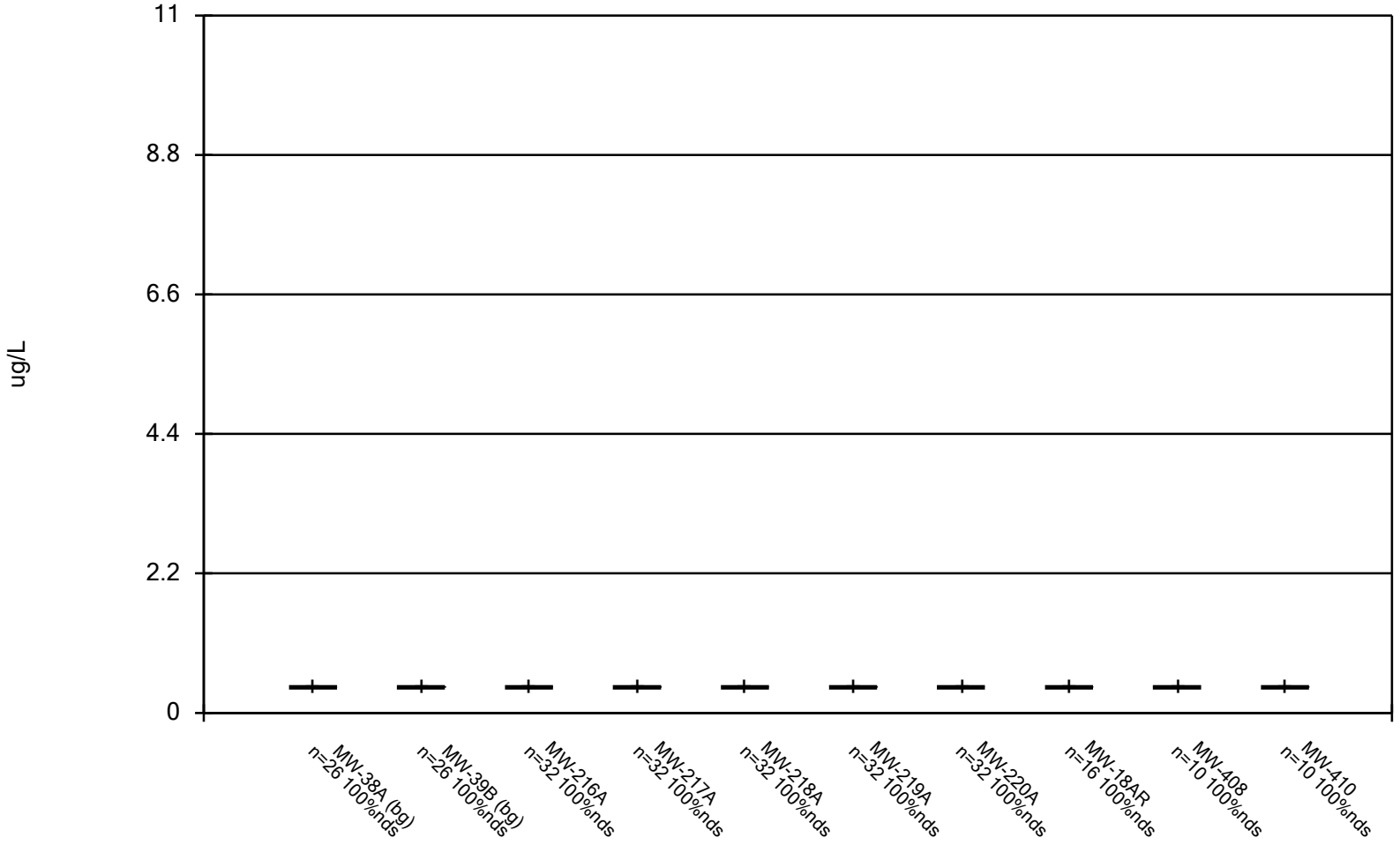

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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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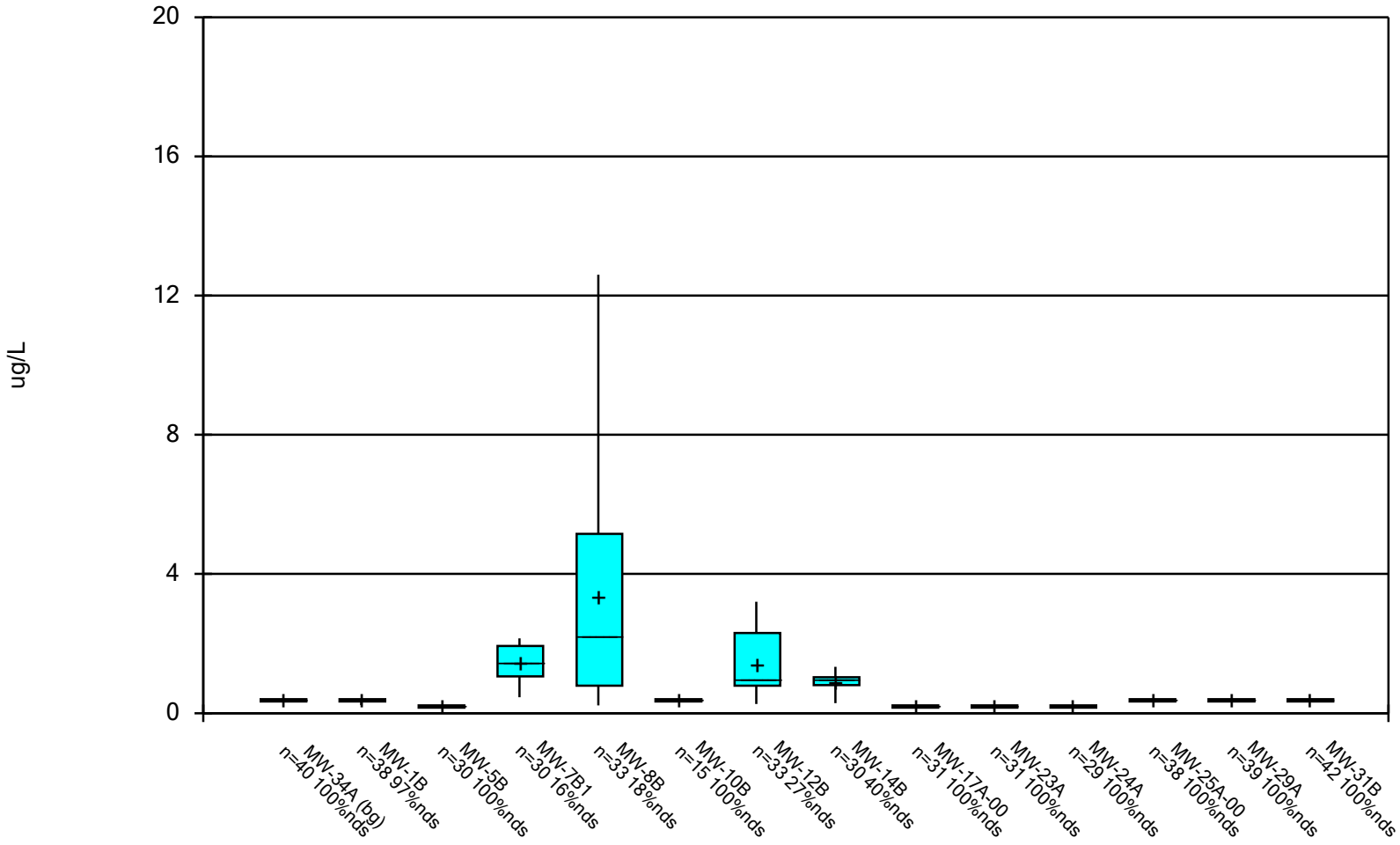

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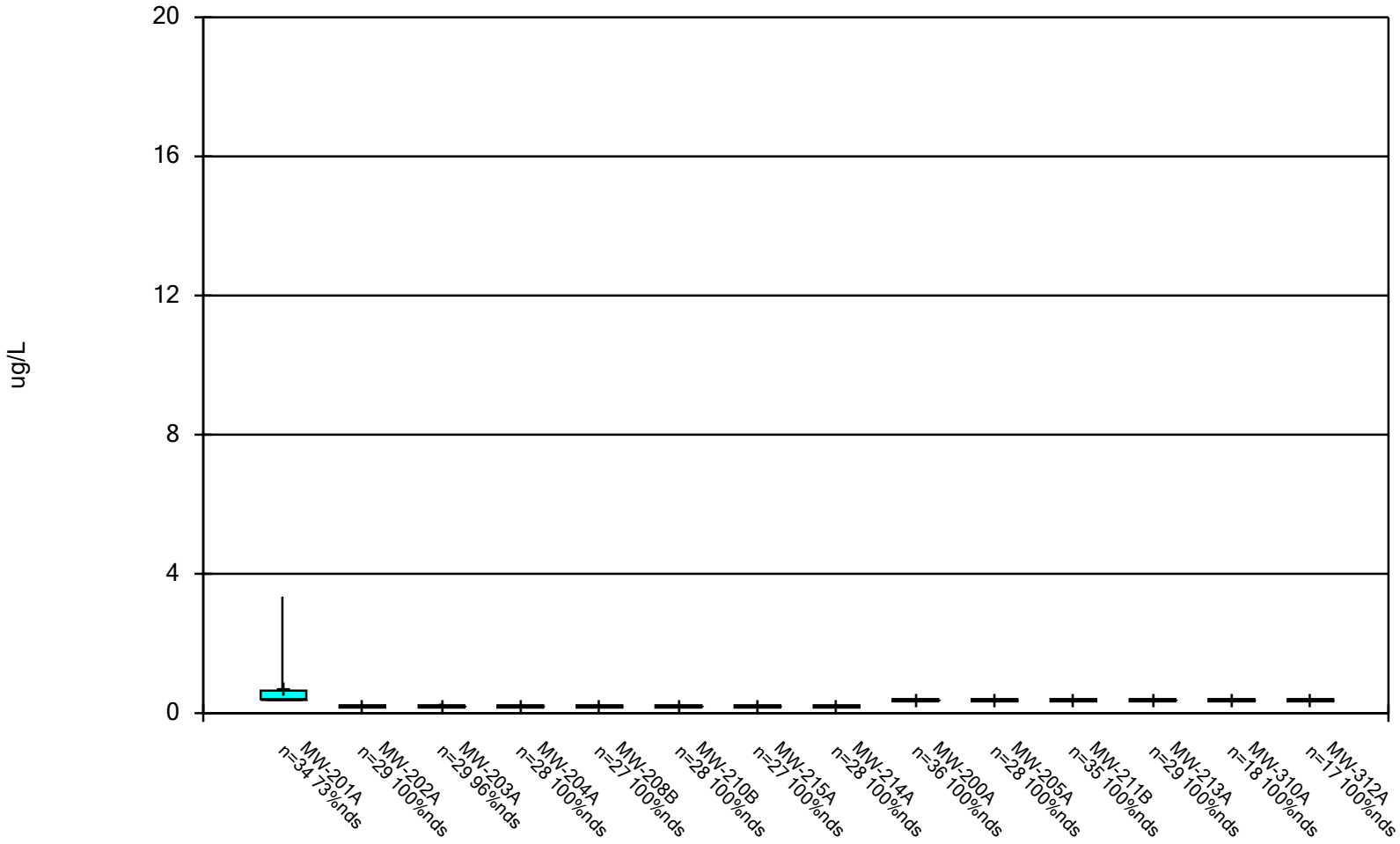

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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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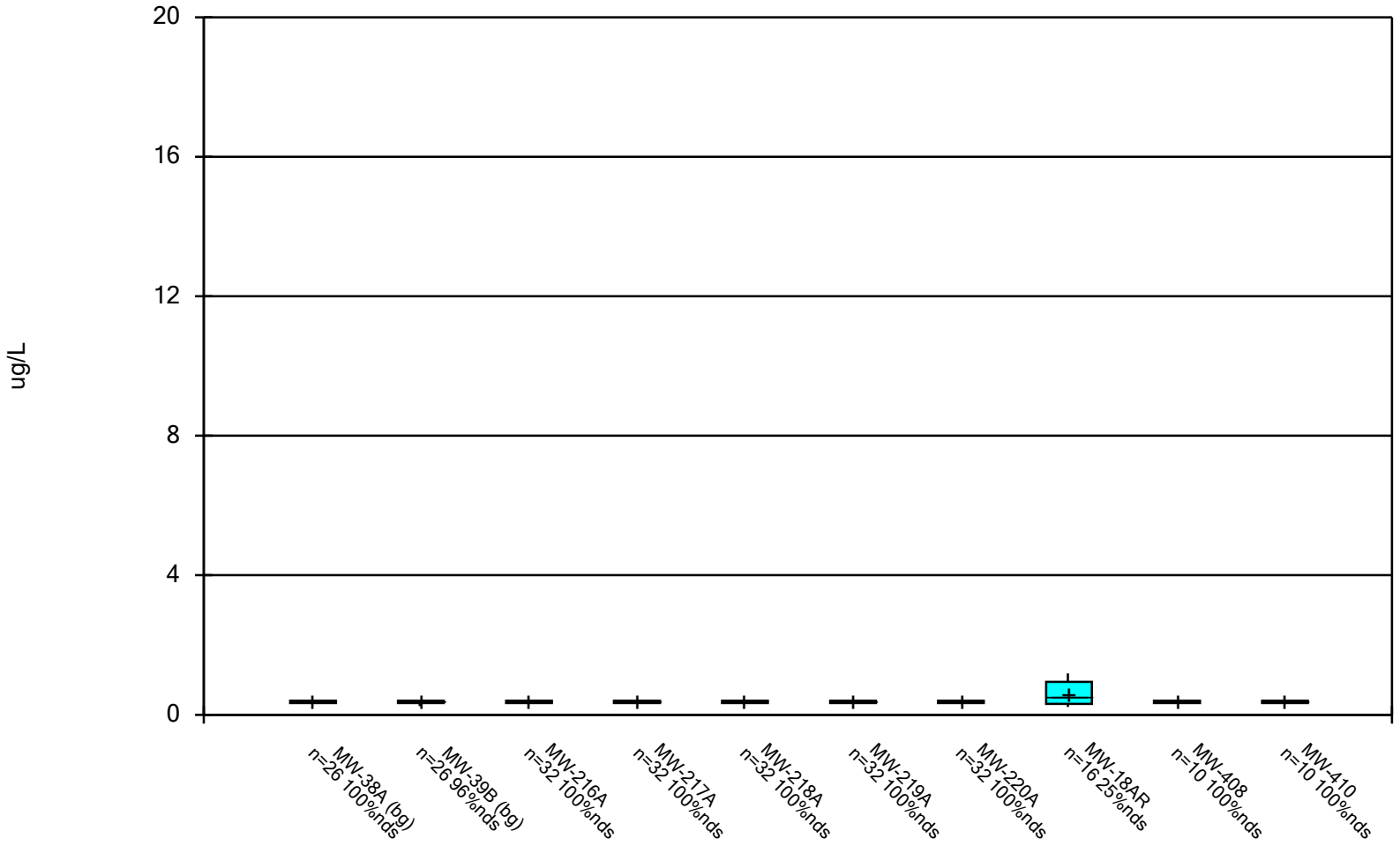

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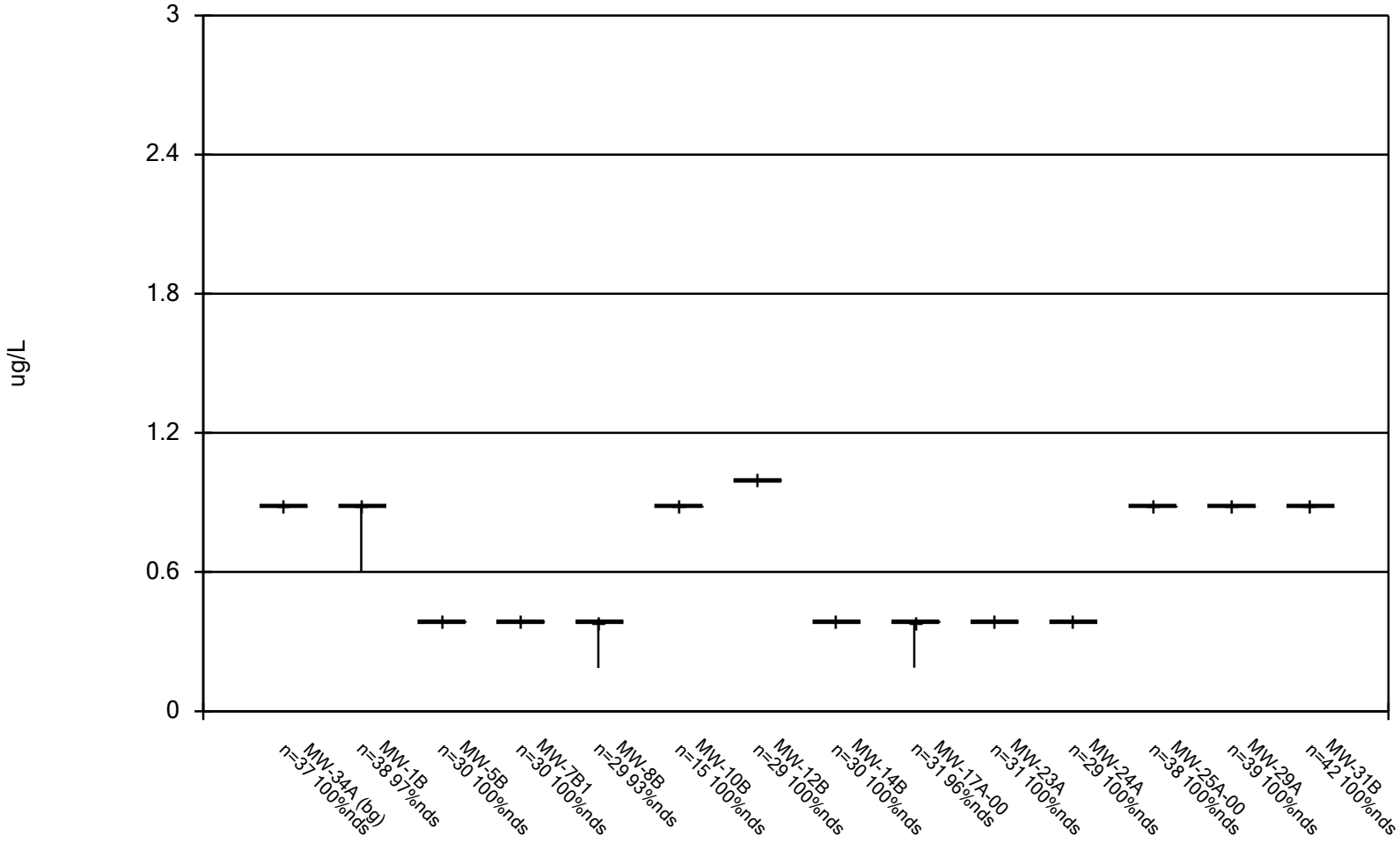

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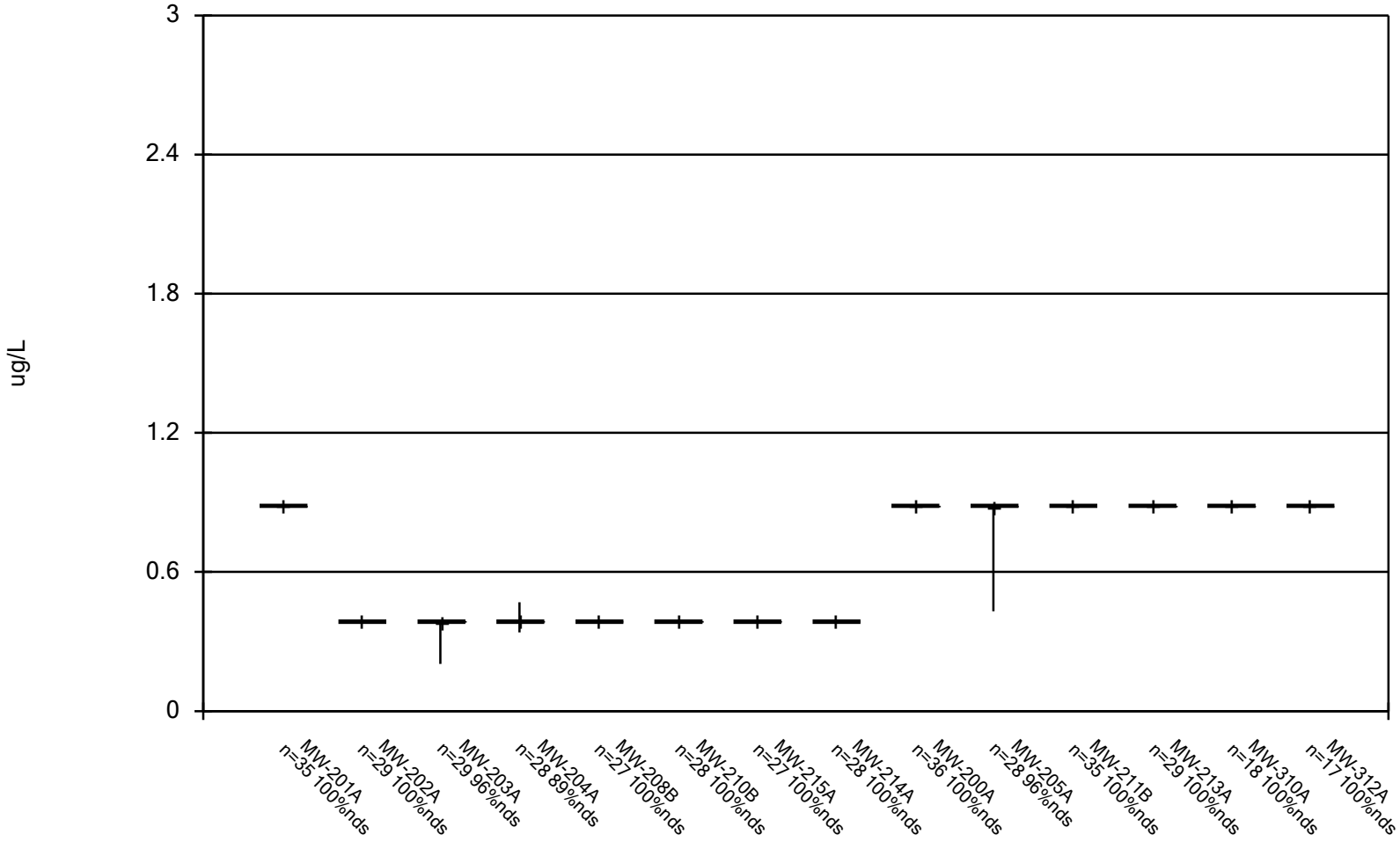

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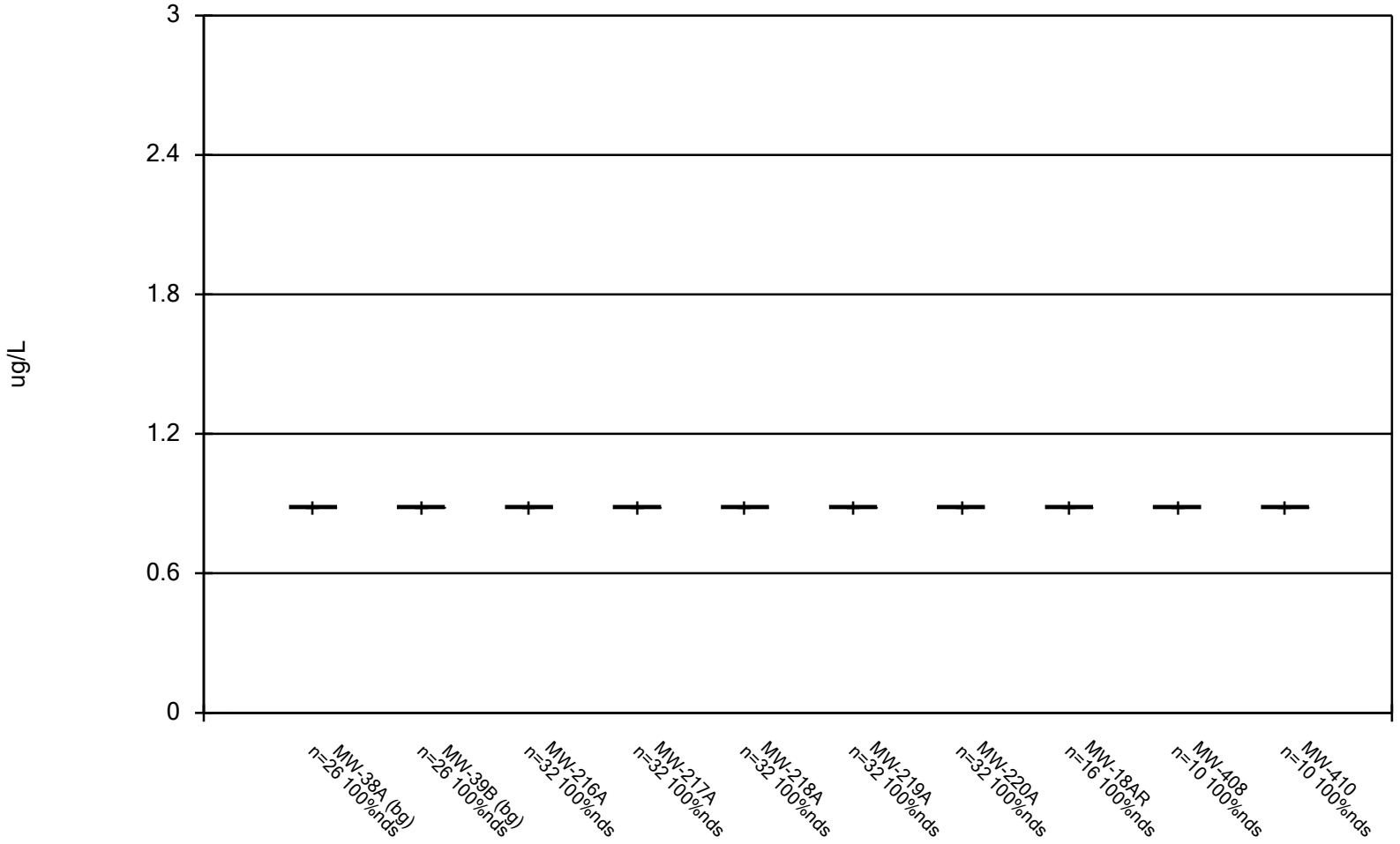

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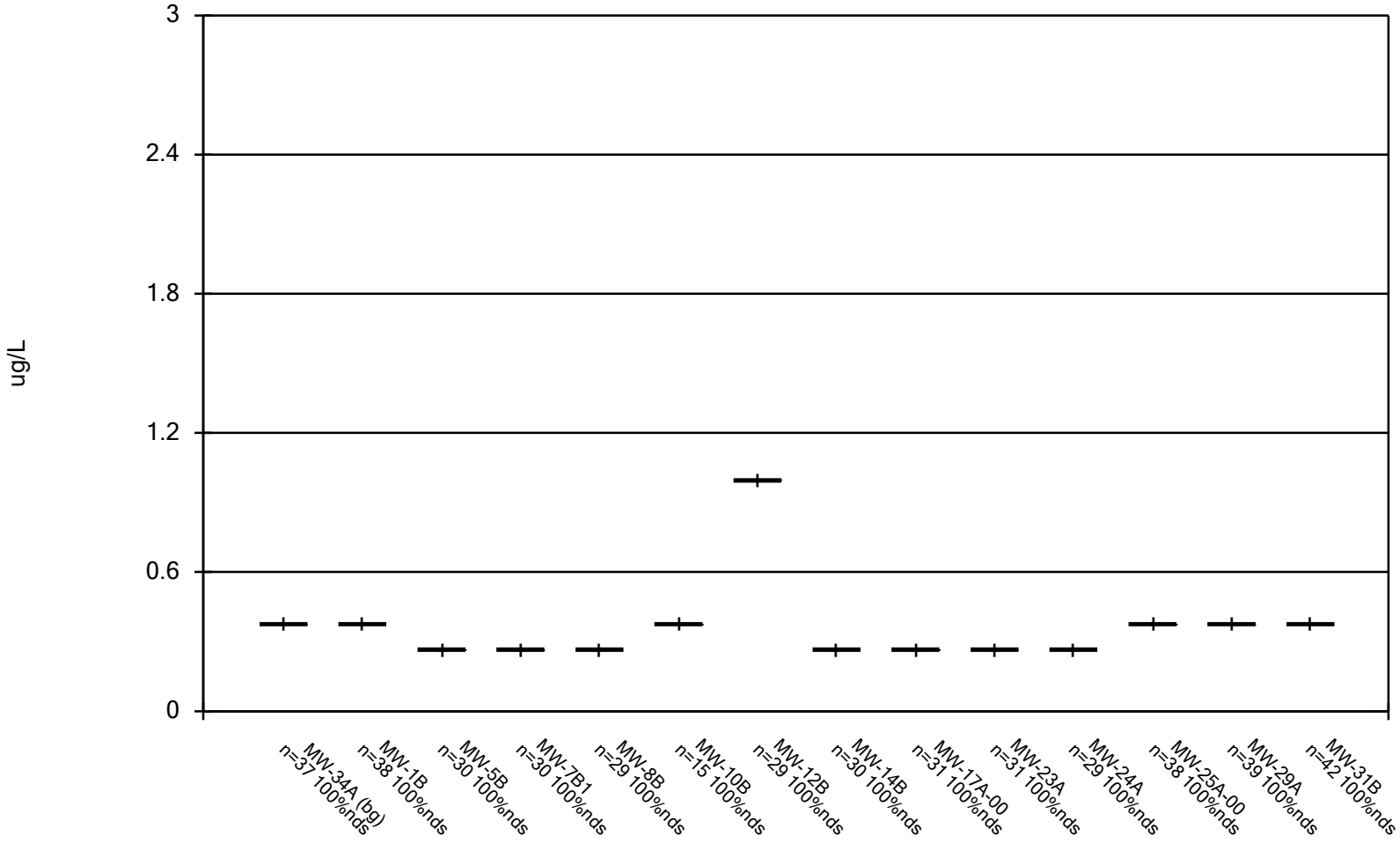

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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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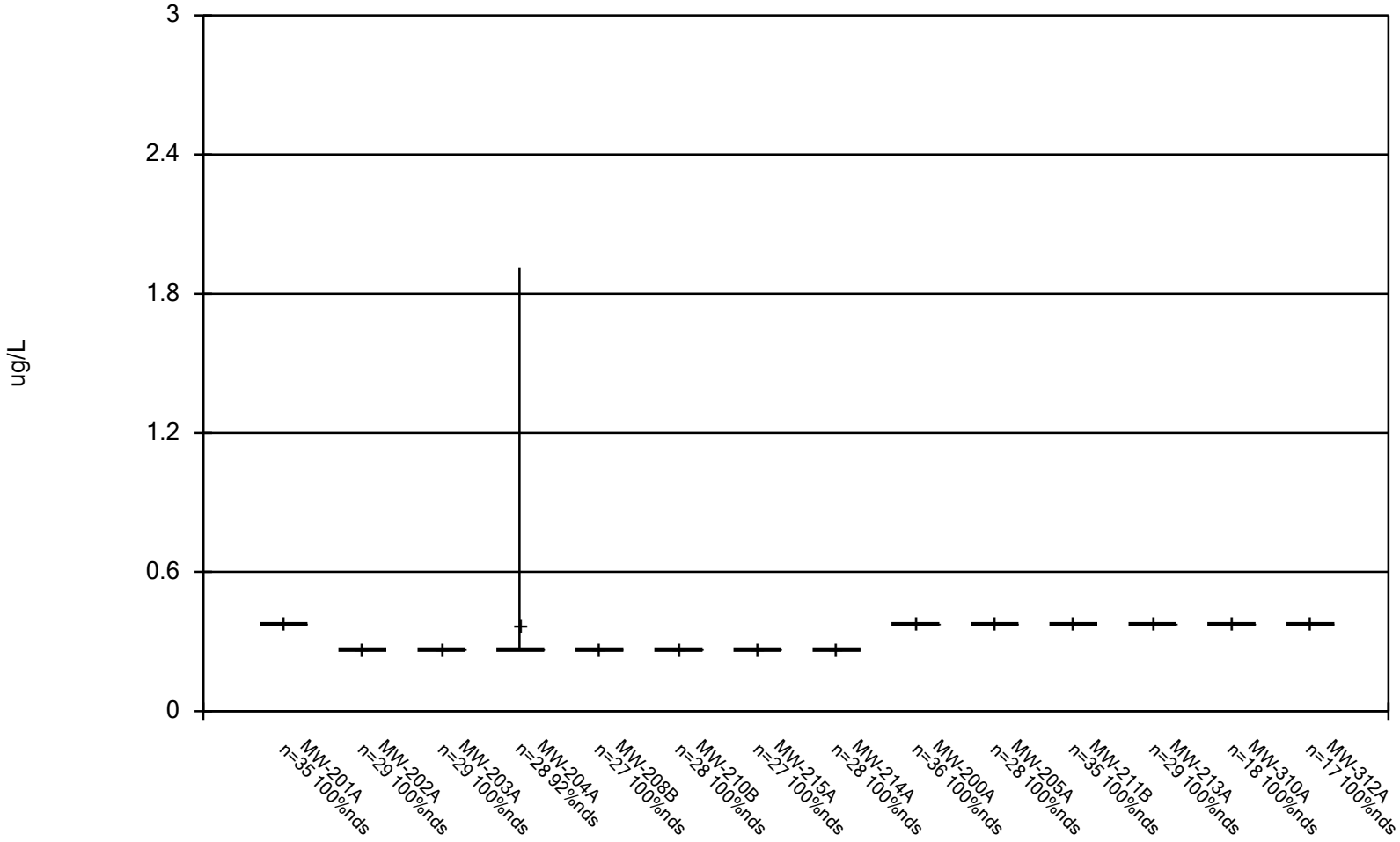

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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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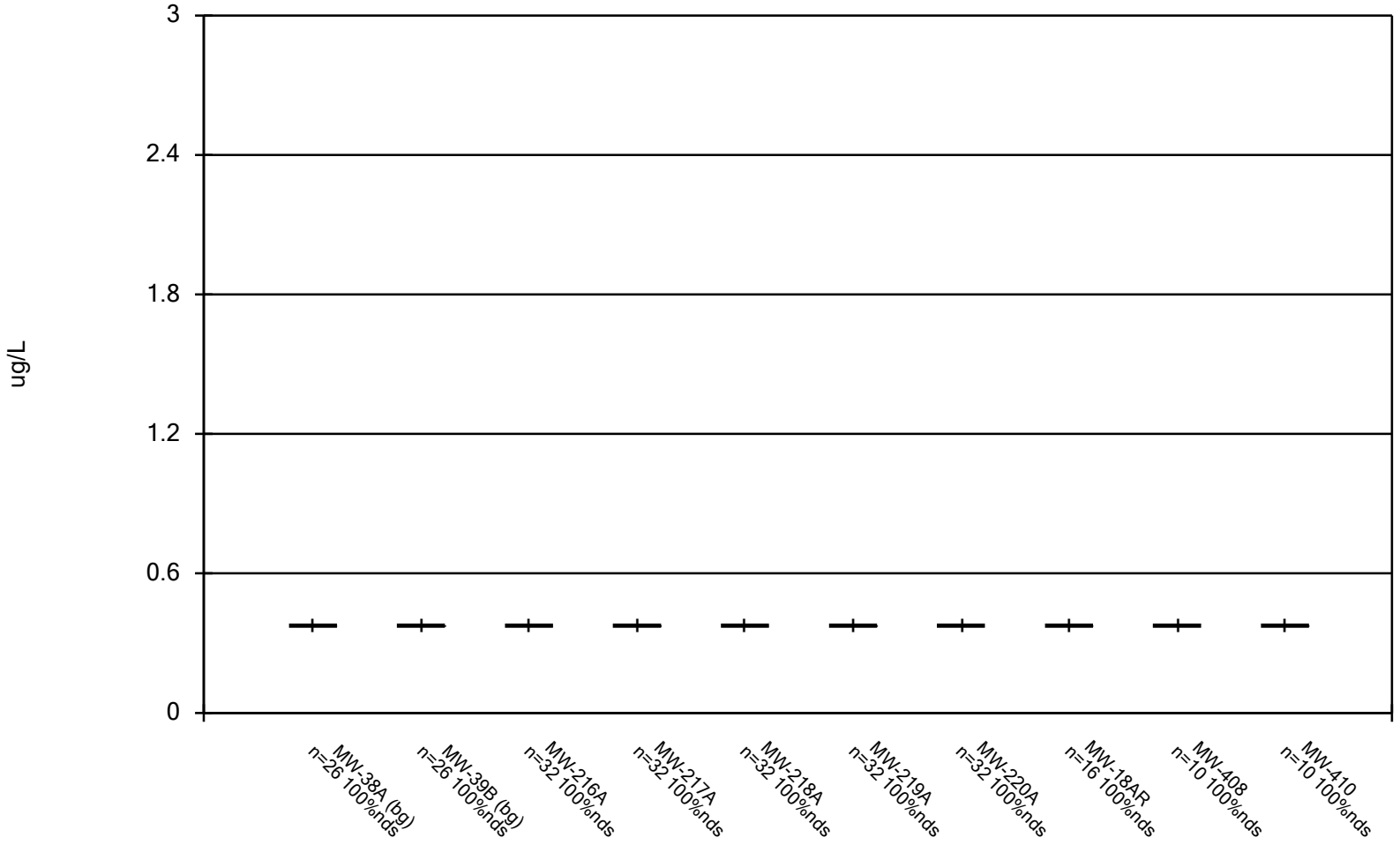
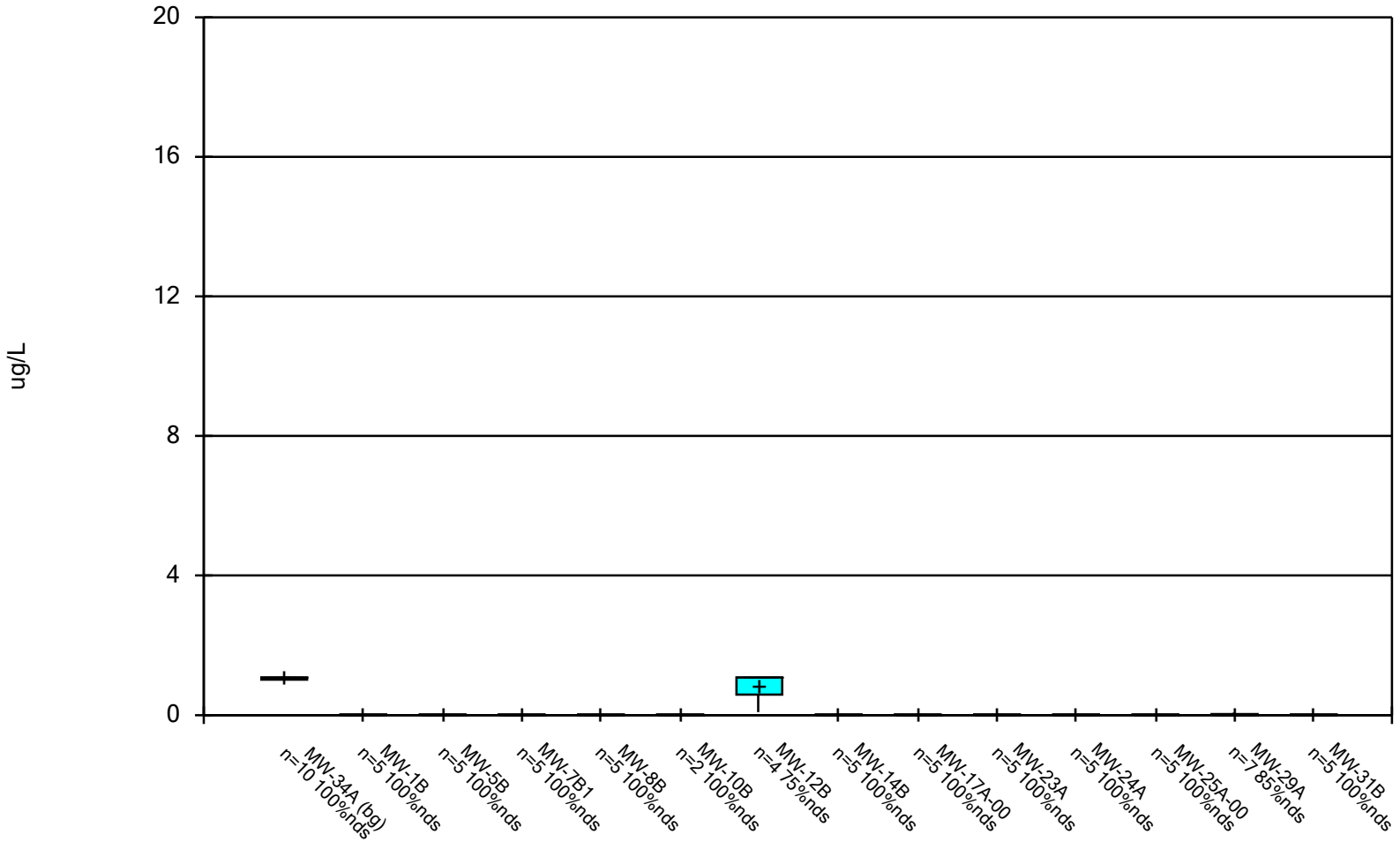


Constituent: 1,2-Dichloropropane Analysis Run 7/8/2026 10:15 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

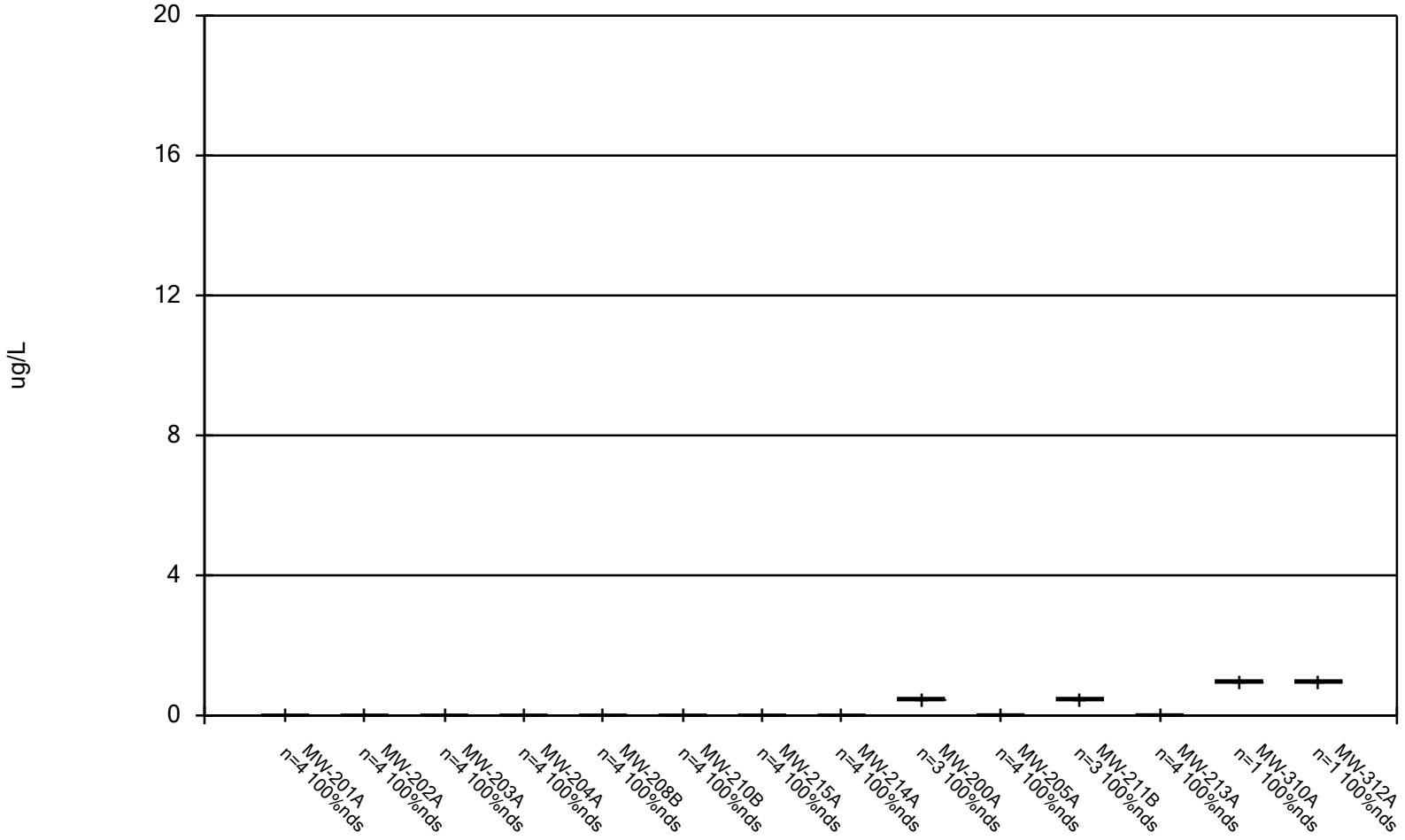


Constituent: 2,4,5-TP [Silvex] Analysis Run 7/8/2026 10:15 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

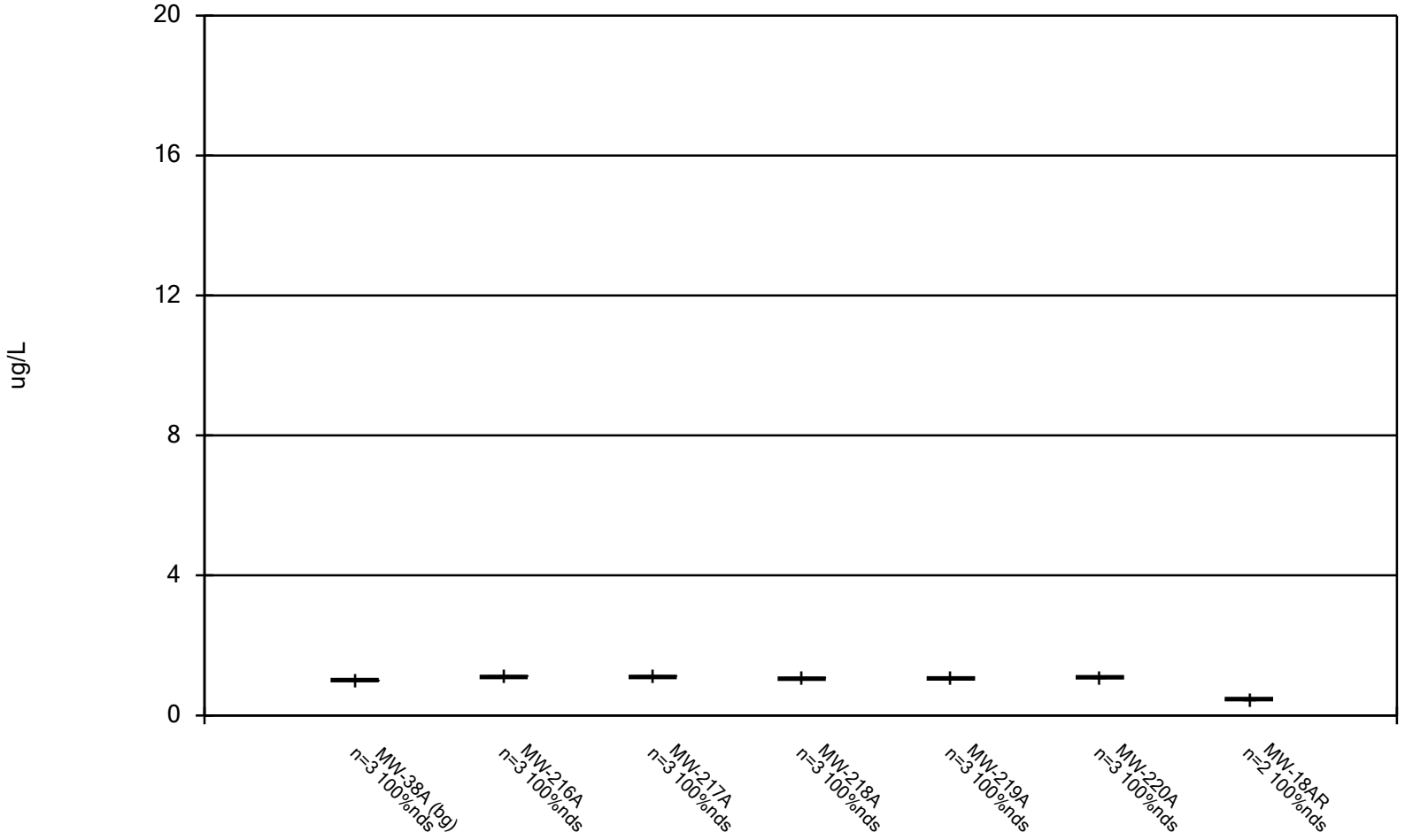


Constituent: 2,4,5-TP [Silvex] Analysis Run 7/8/2026 10:15 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

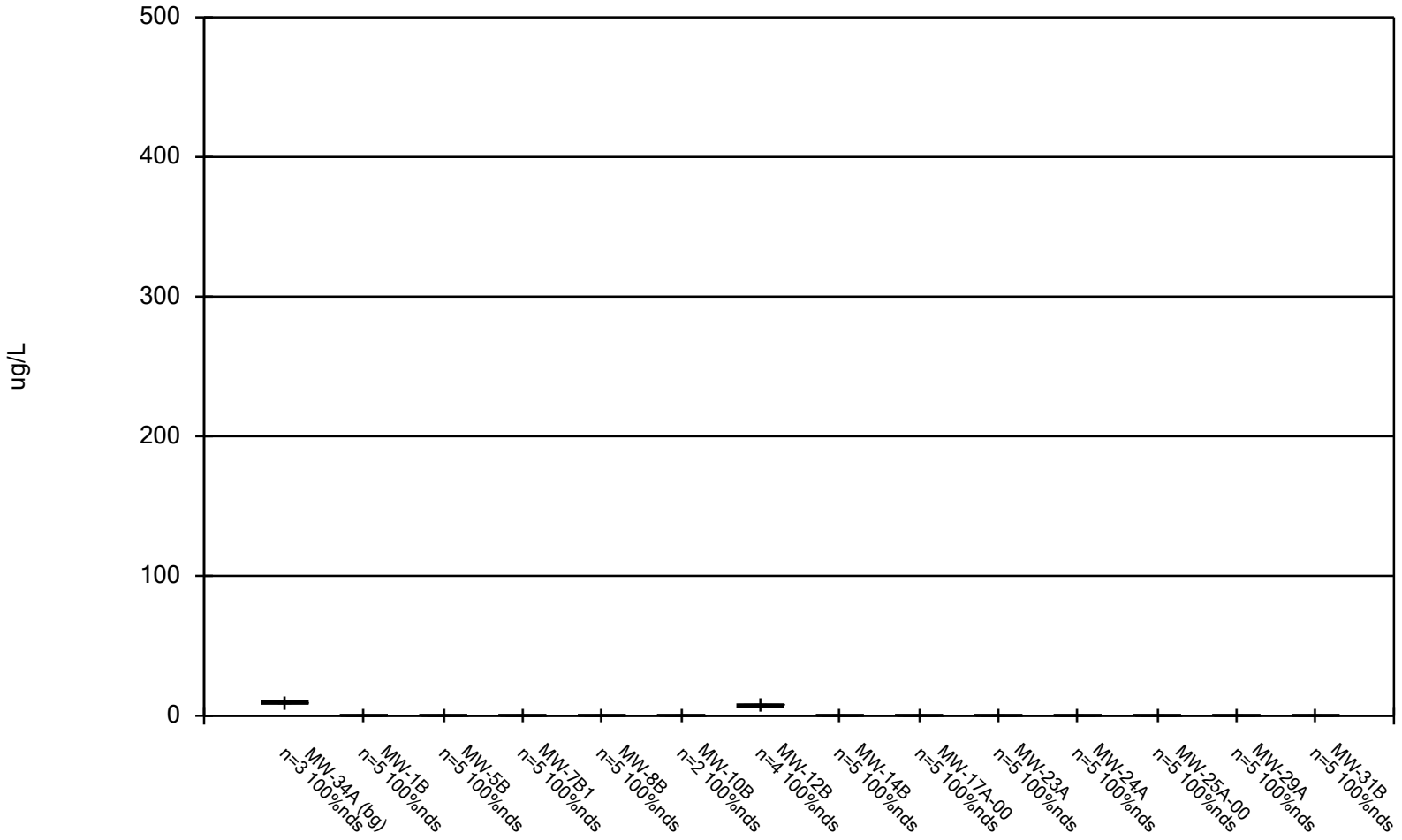


Constituent: 2,4,5-TP [Silvex] Analysis Run 7/8/2026 10:15 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

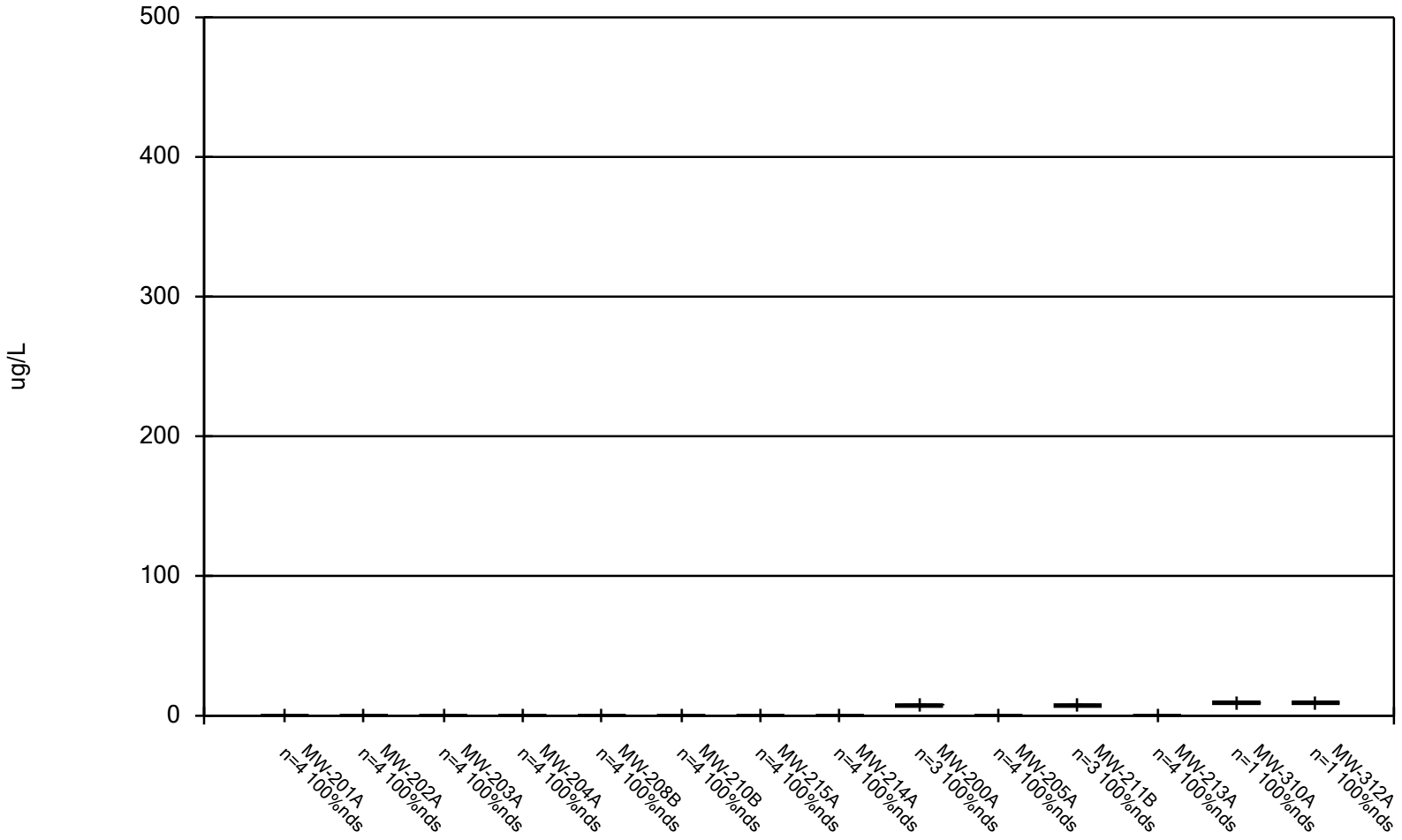


Constituent: 2,4-Dimethylphenol Analysis Run 7/8/2026 10:15 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

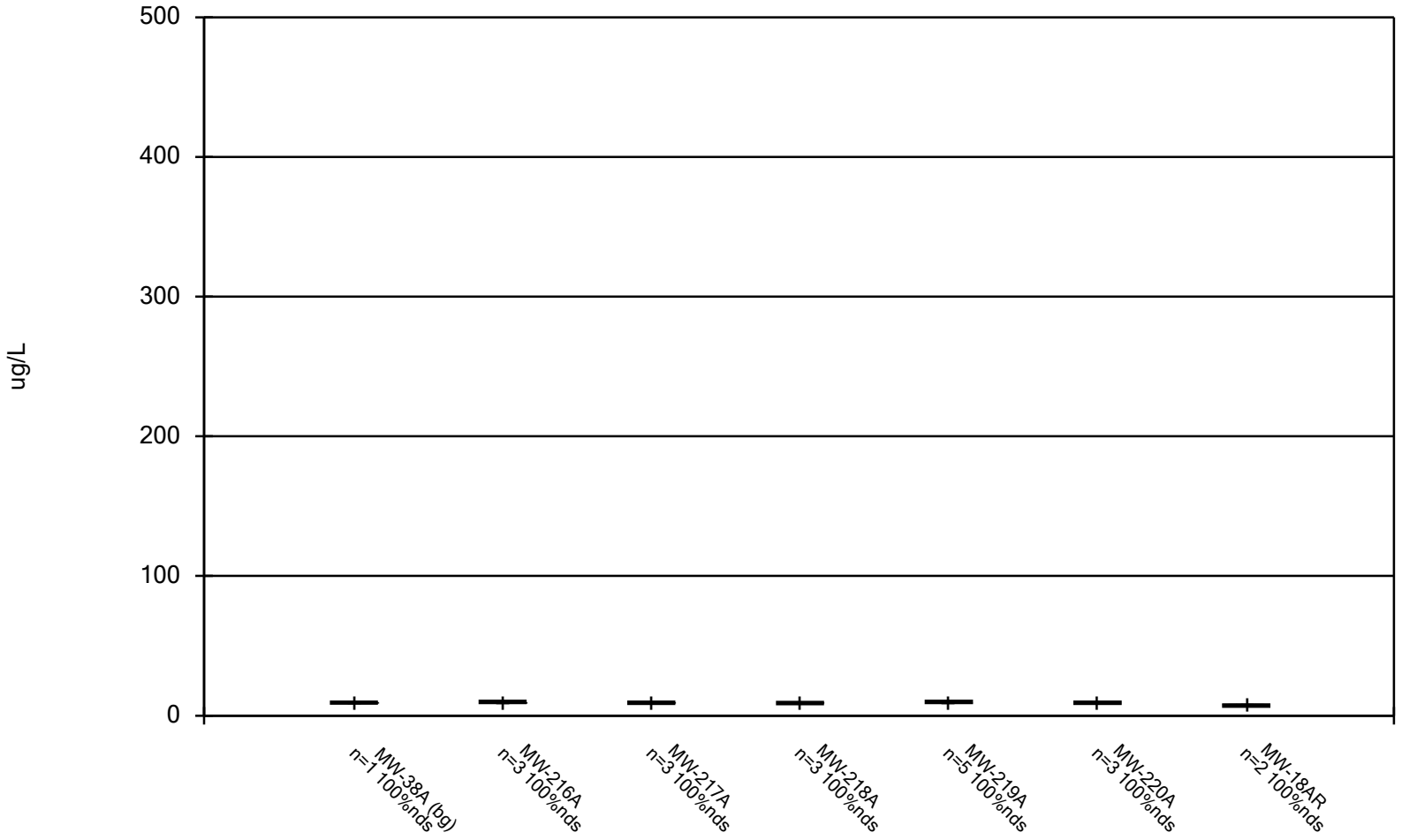


Constituent: 2,4-Dimethylphenol Analysis Run 7/8/2026 10:15 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

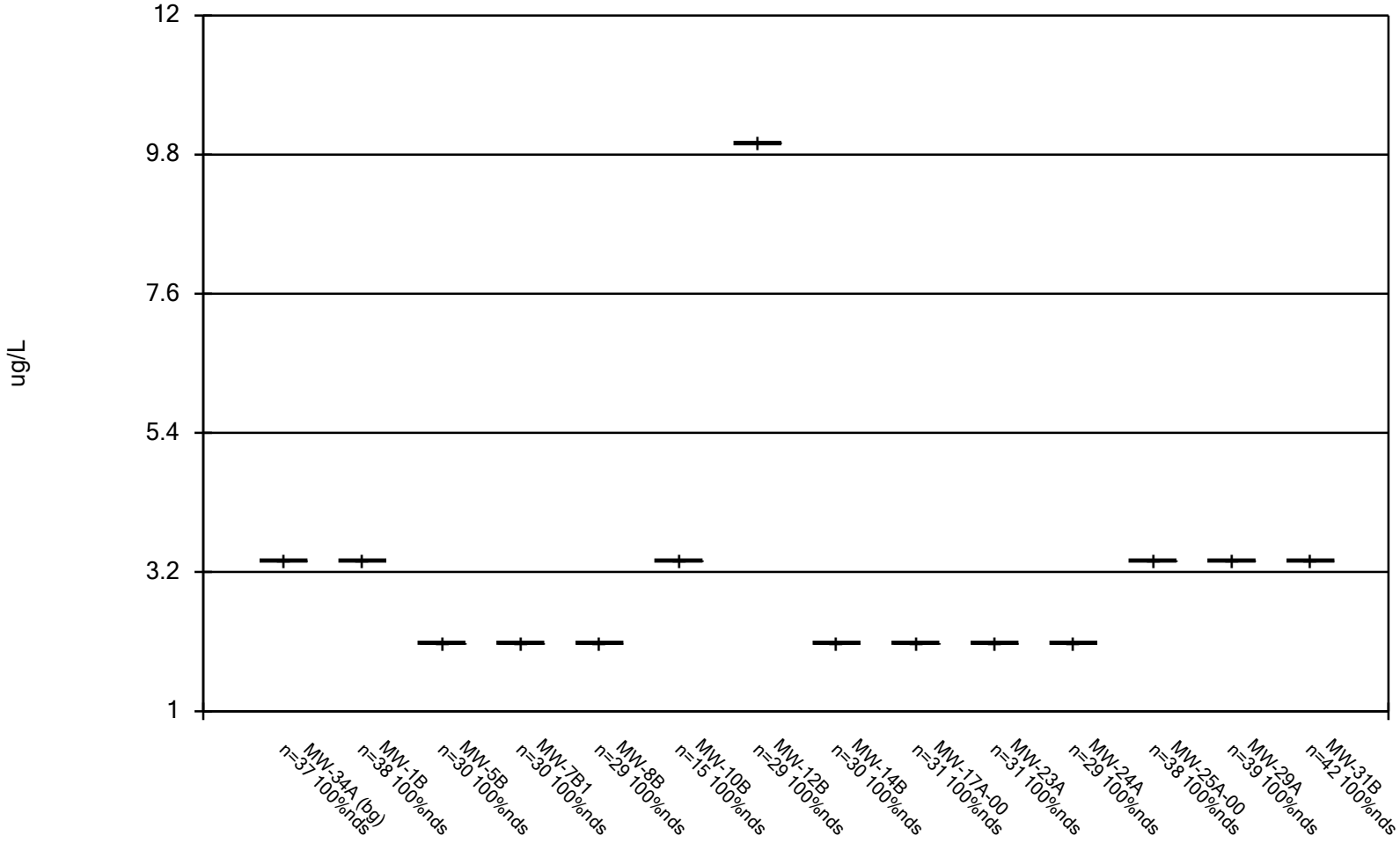


Constituent: 2,4-Dimethylphenol Analysis Run 7/8/2026 10:15 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: 2-Butanone [MEK] Analysis Run 7/8/2026 10:15 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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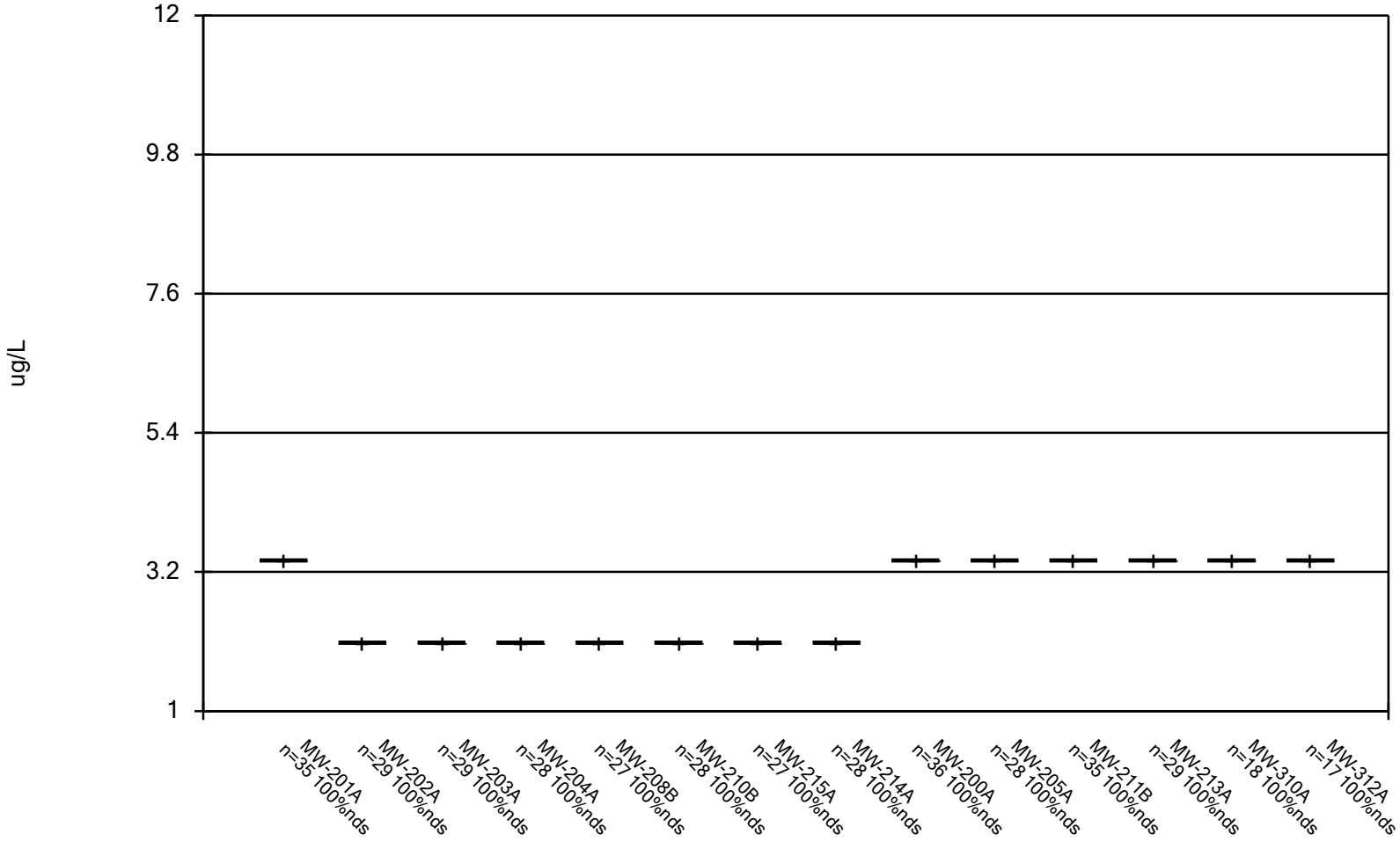
Box & Whiskers Plot

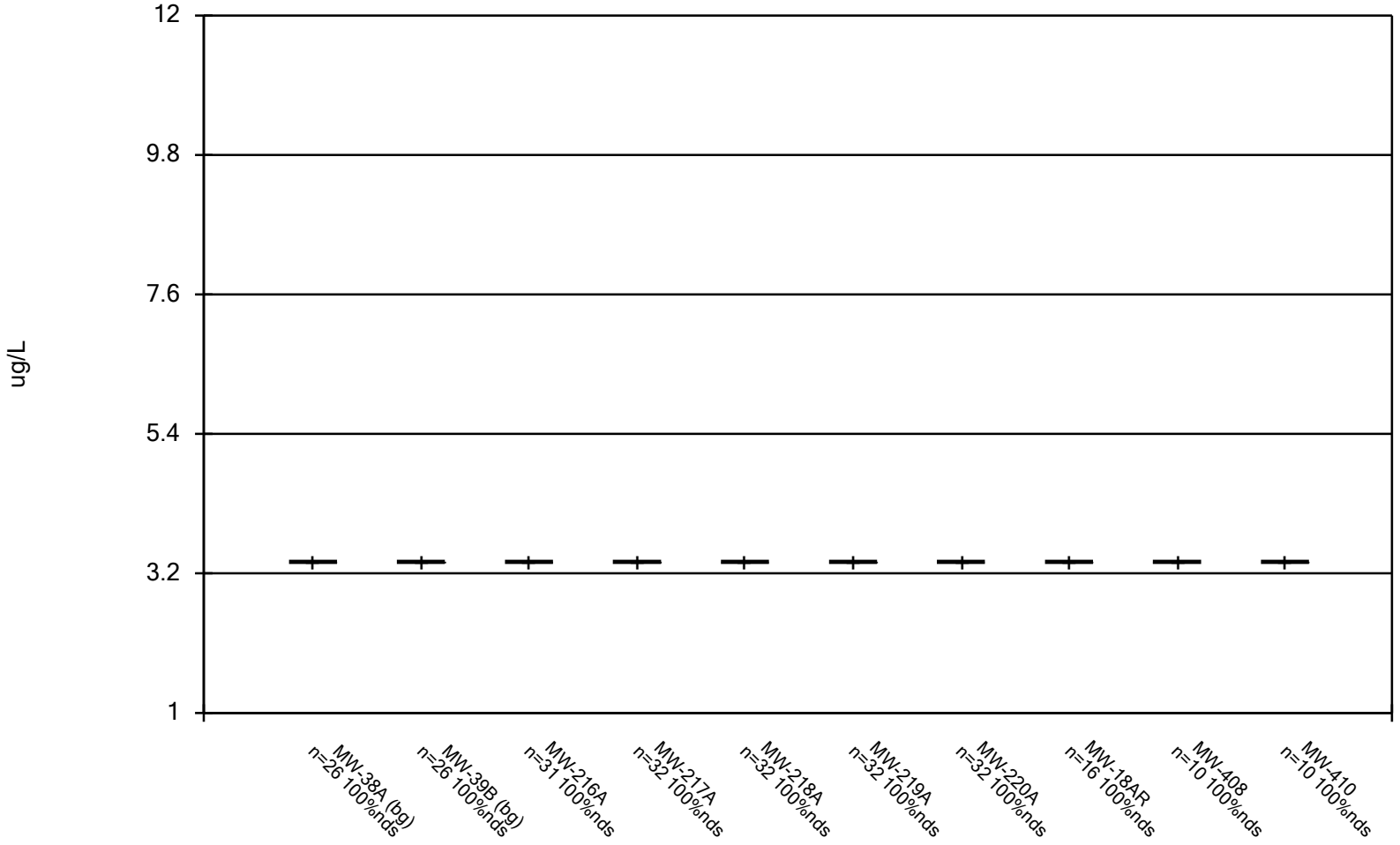


Constituent: 2-Butanone [MEK] Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

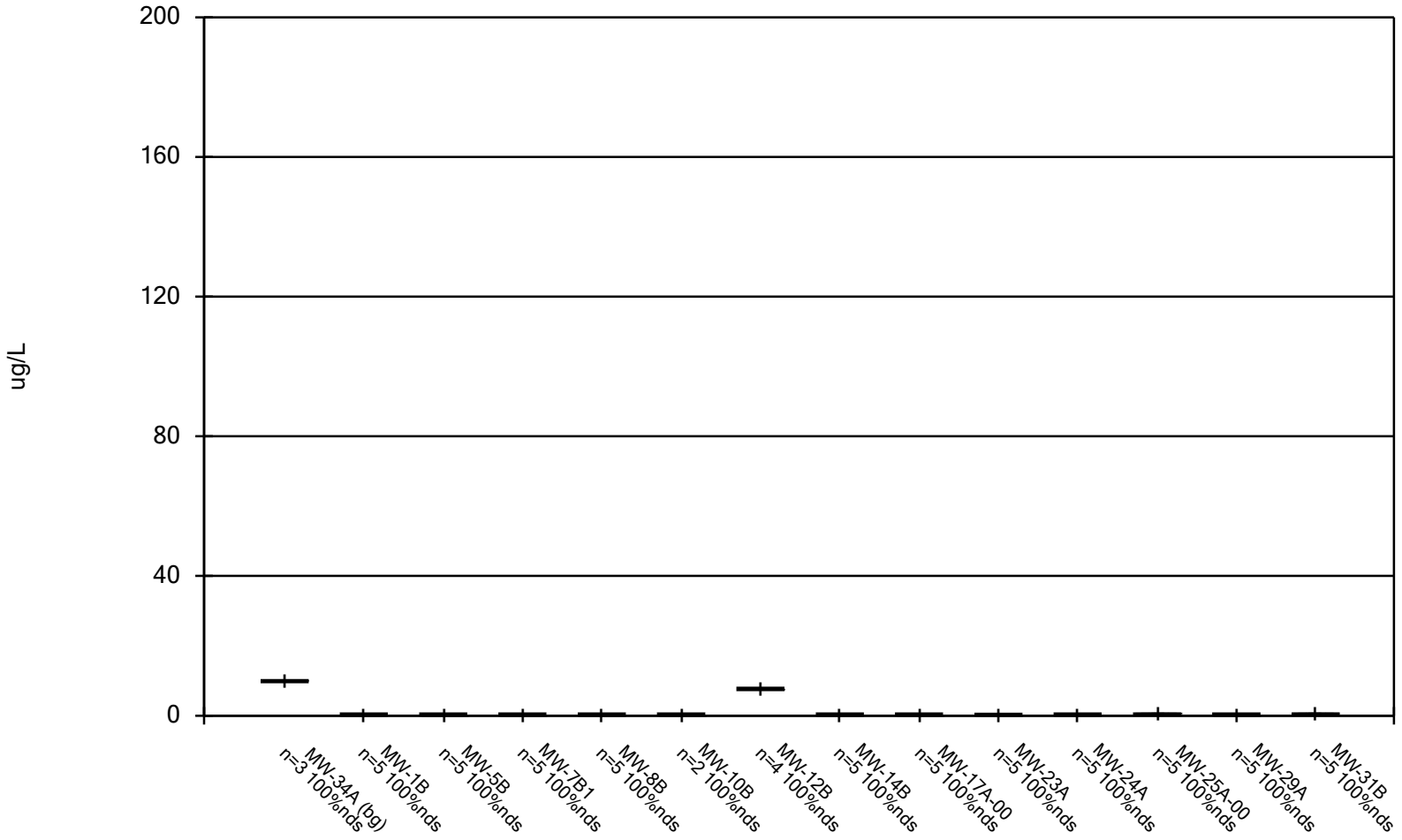


Constituent: 2-Butanone [MEK] Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

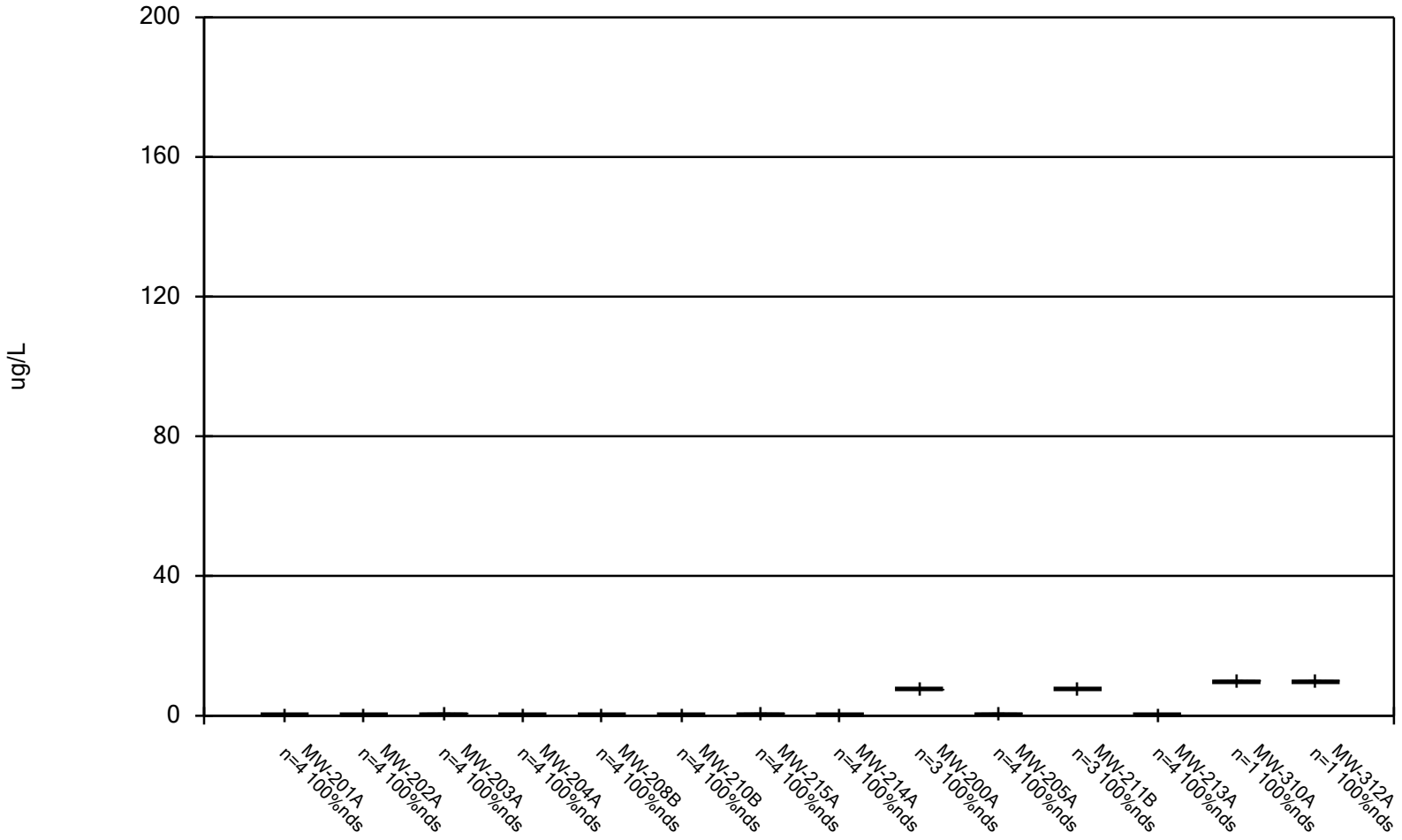


Constituent: 2-Methylnaphthalene Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

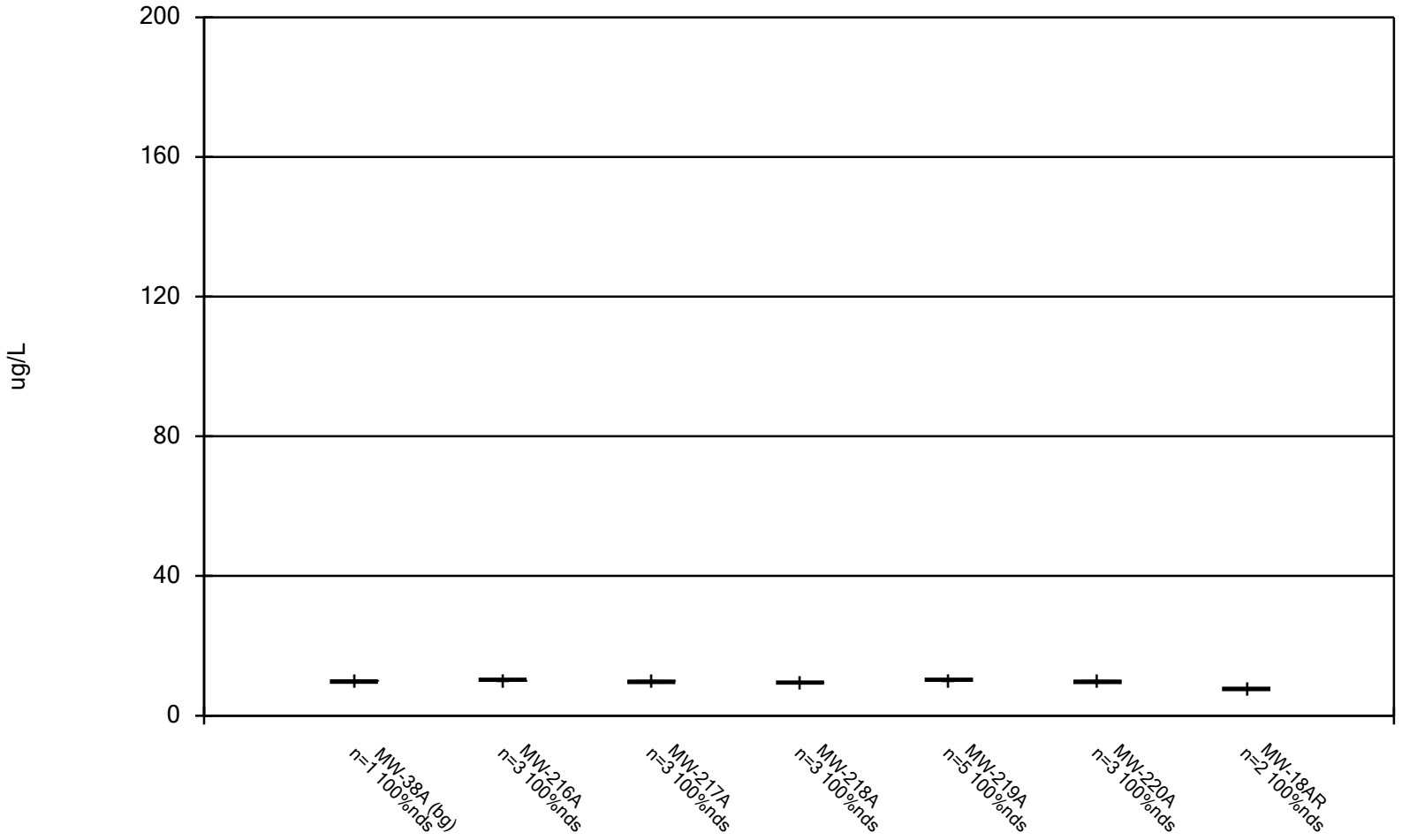


Constituent: 2-Methylnaphthalene Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

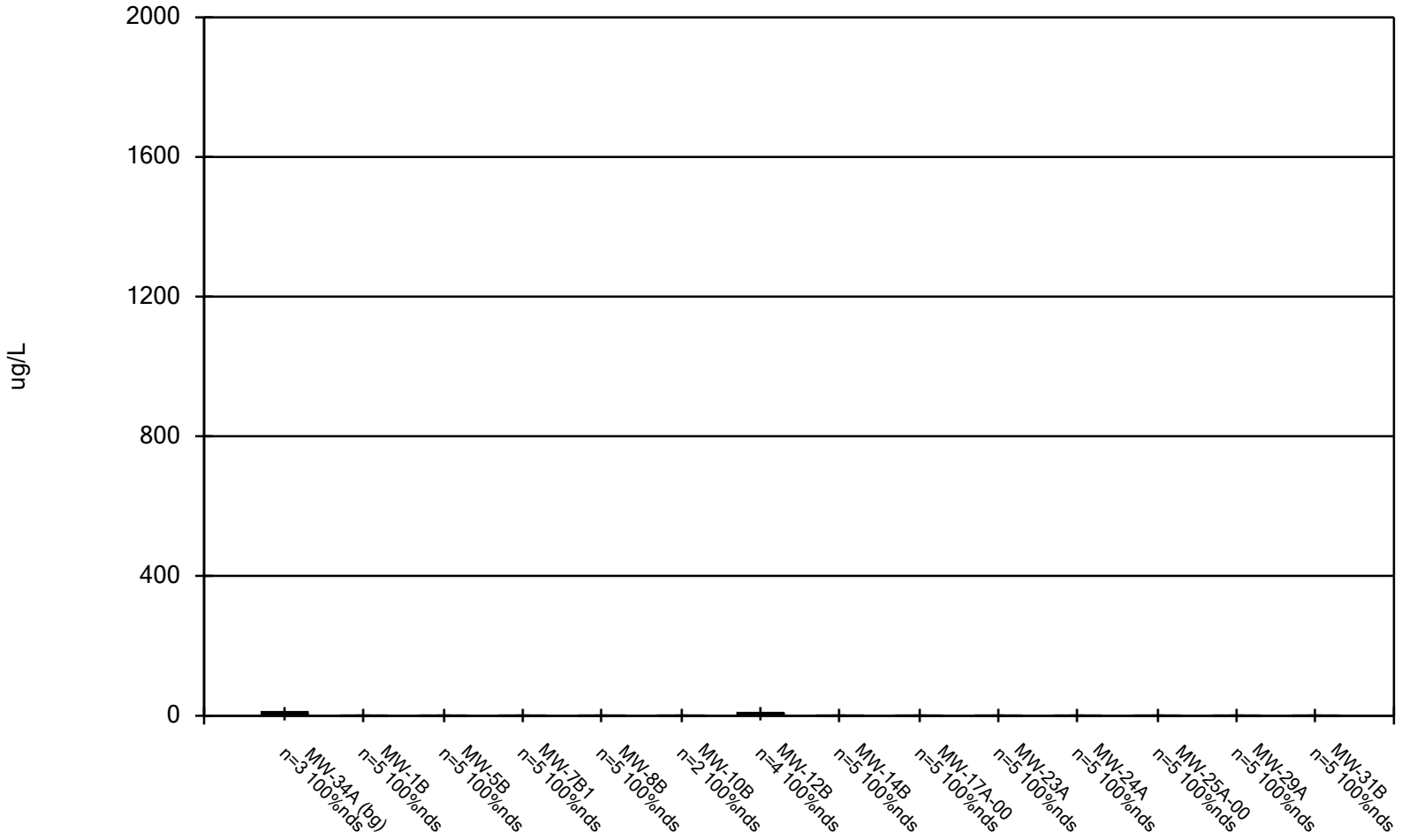


Constituent: 2-Methylnaphthalene Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: 2-Methylphenol Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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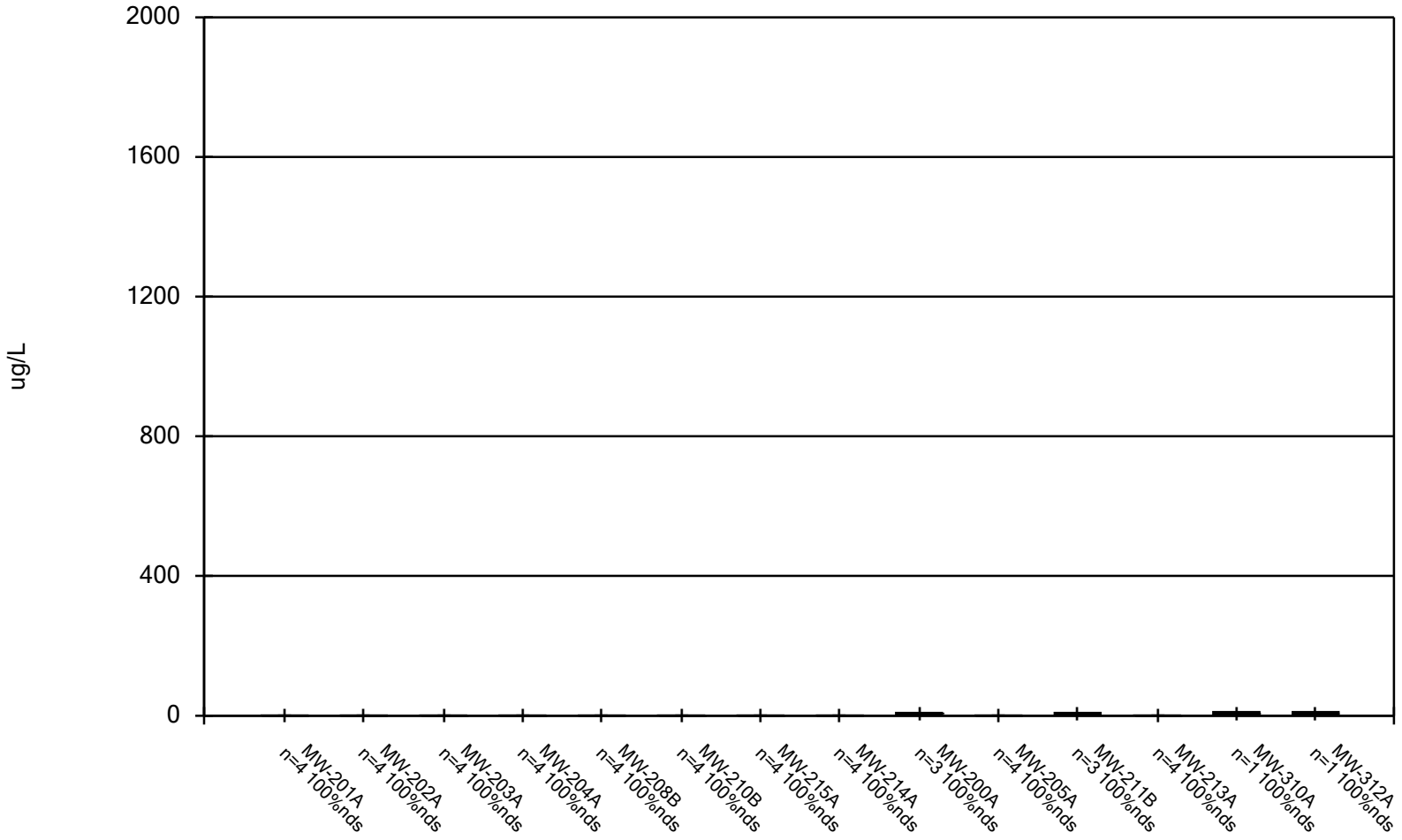
Box & Whiskers Plot



Constituent: 2-Methylphenol Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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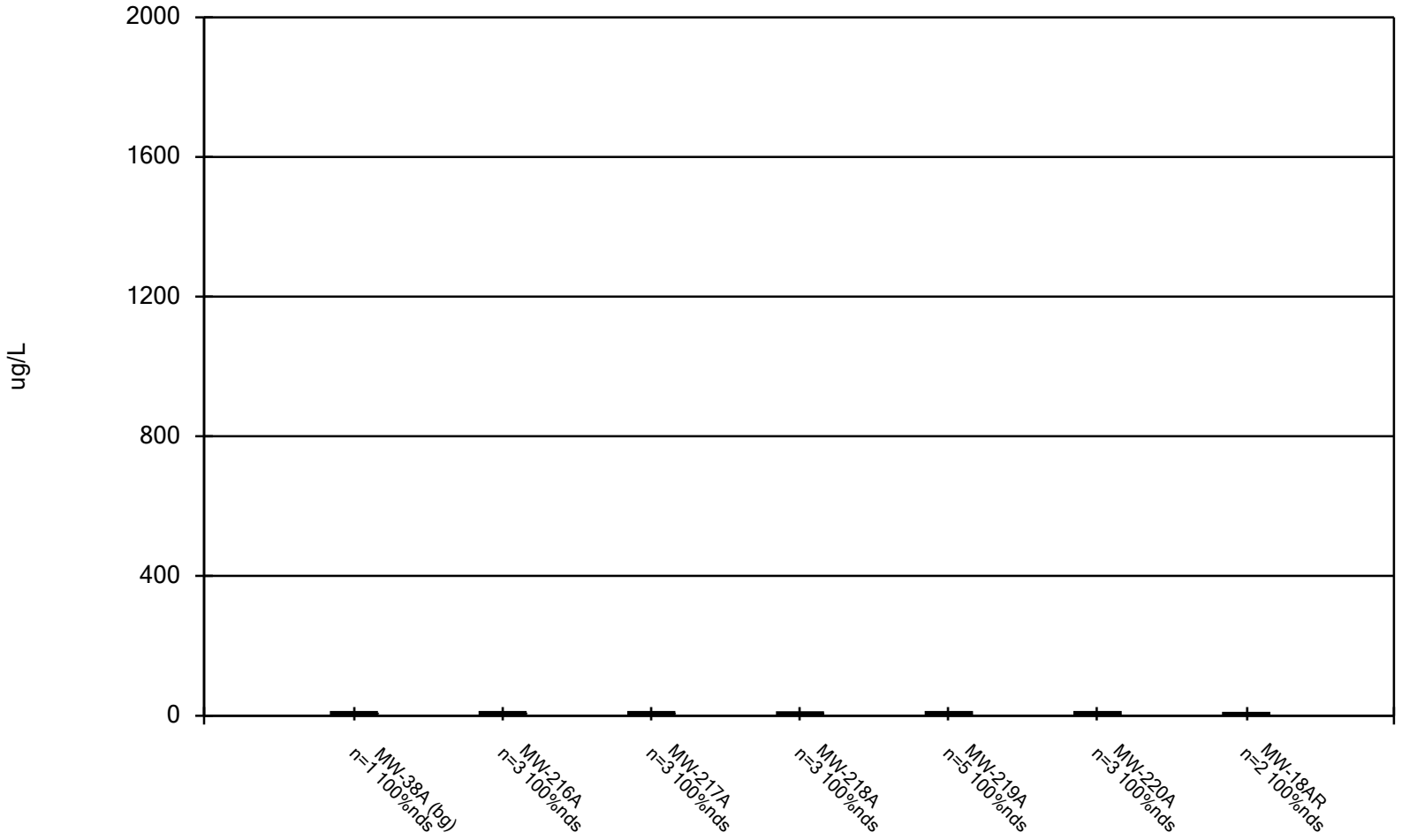
Box & Whiskers Plot

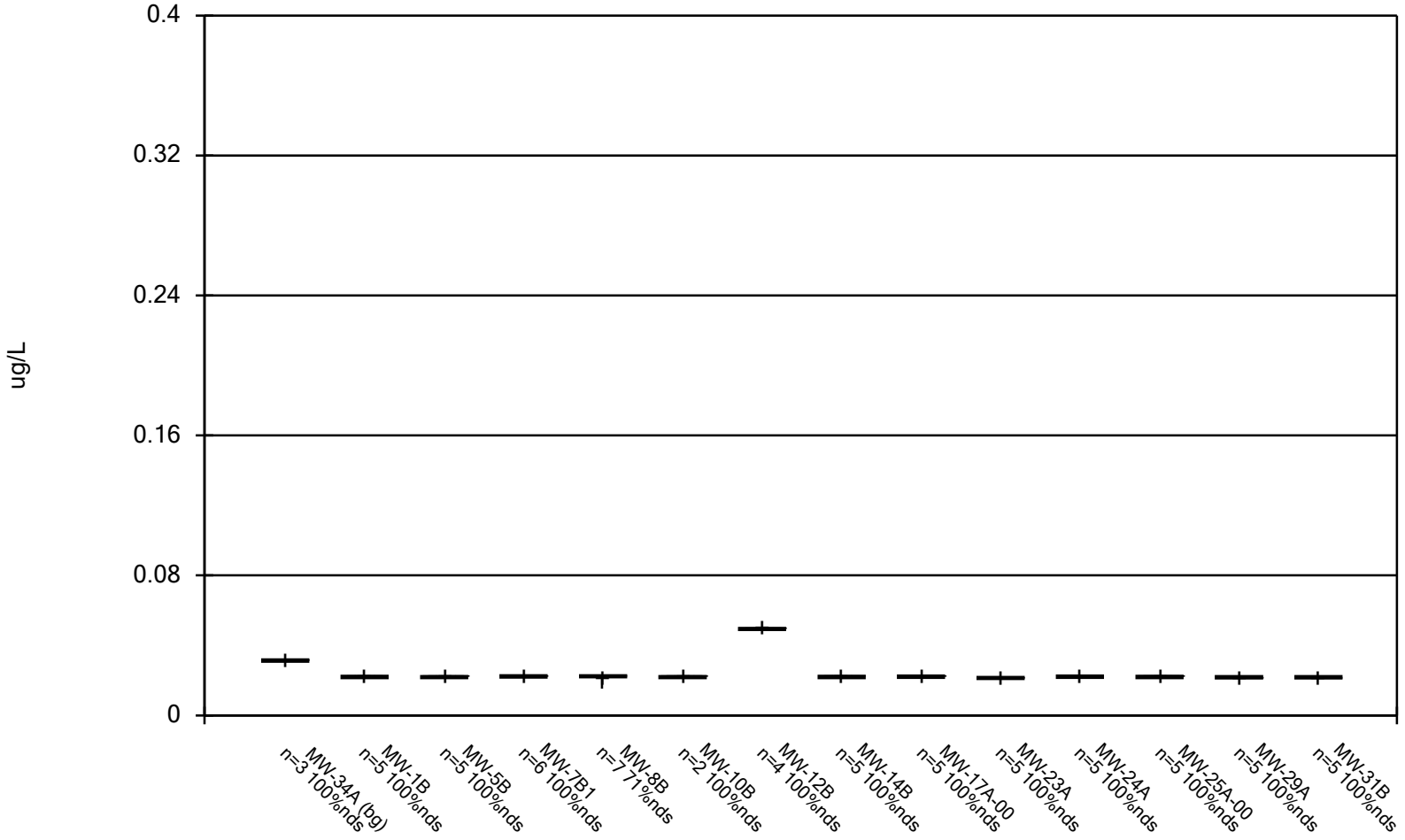


Constituent: 2-Methylphenol Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

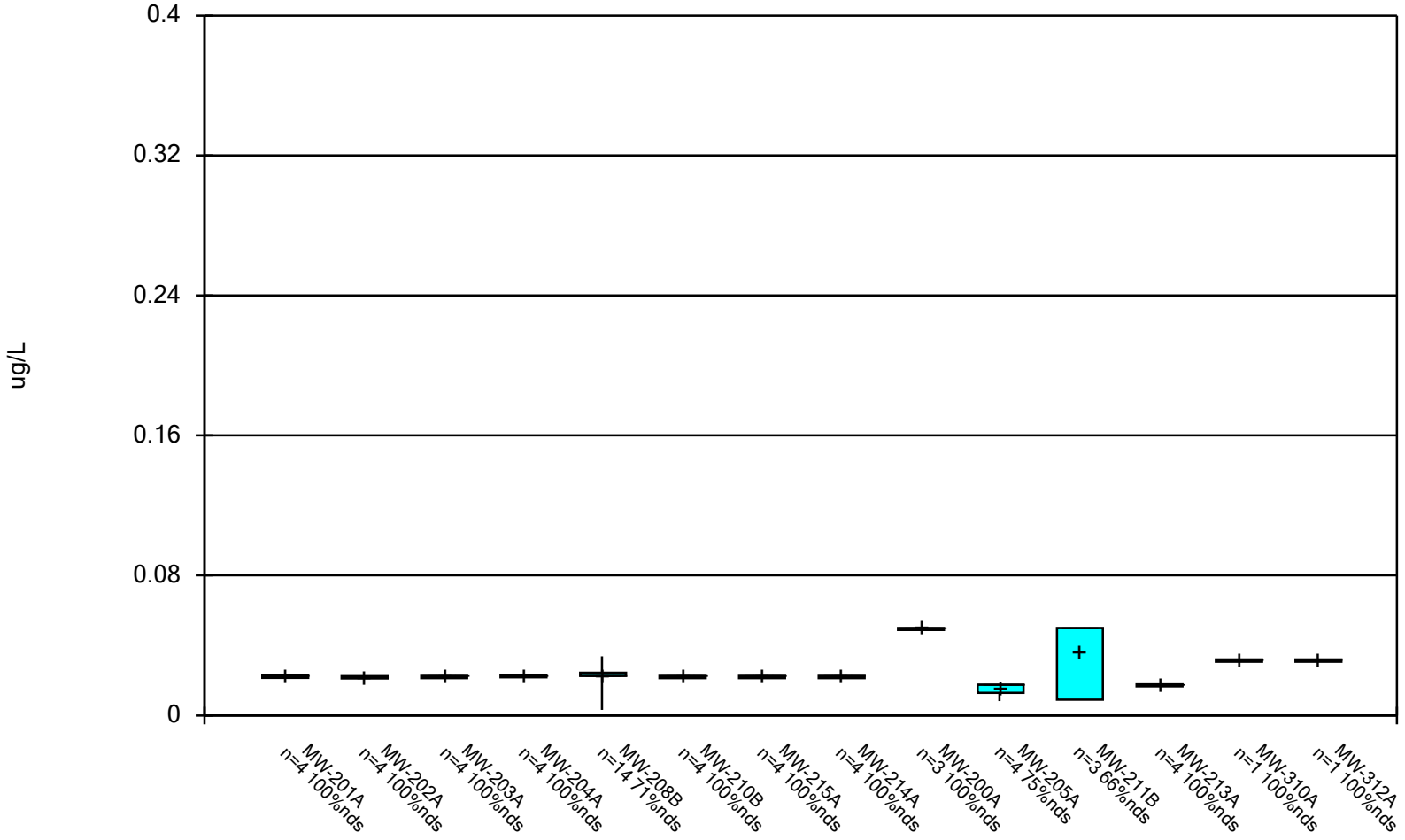


Constituent: 4,4`-DDD Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: 4,4`-DDD Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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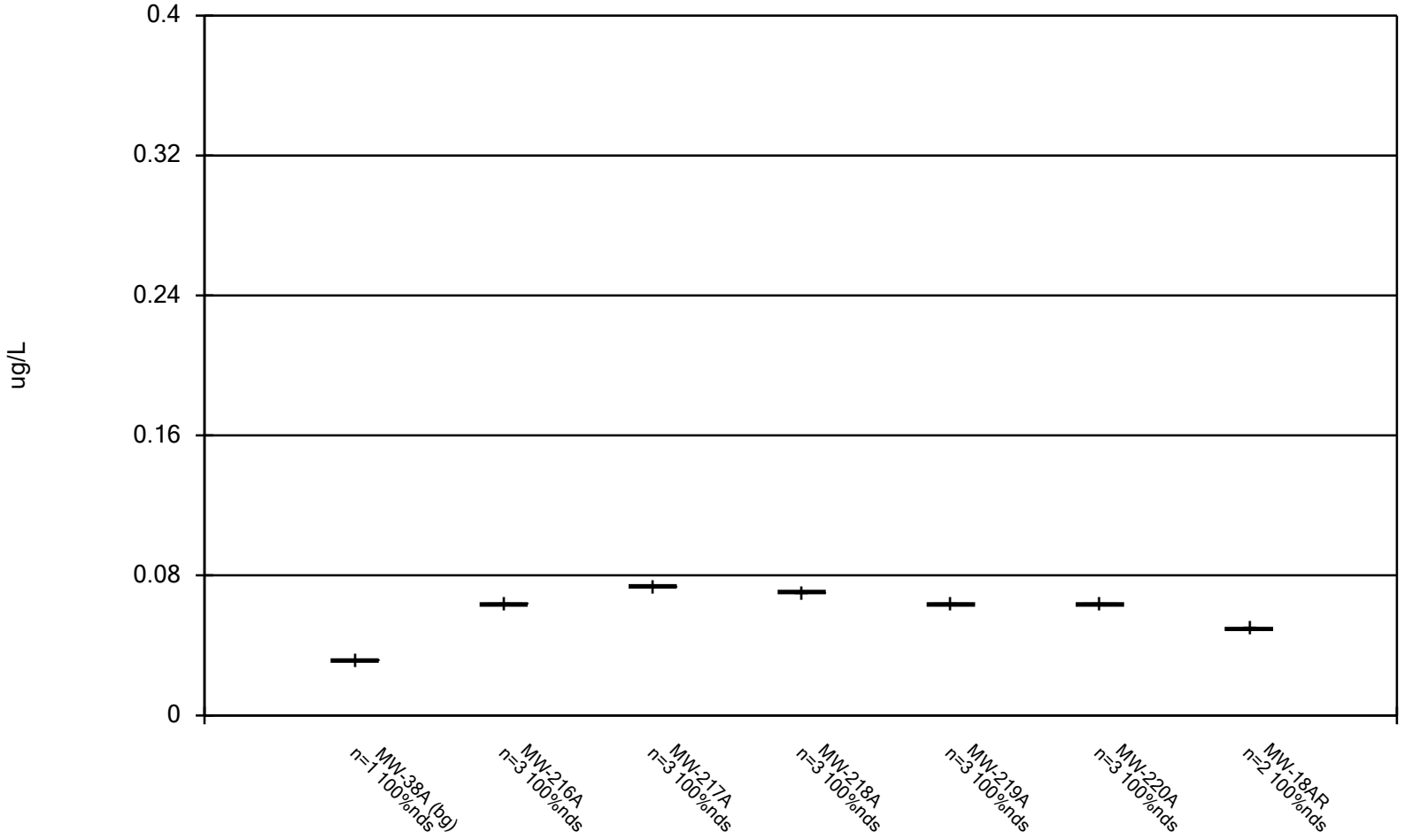
Box & Whiskers Plot



Constituent: 4,4`-DDD Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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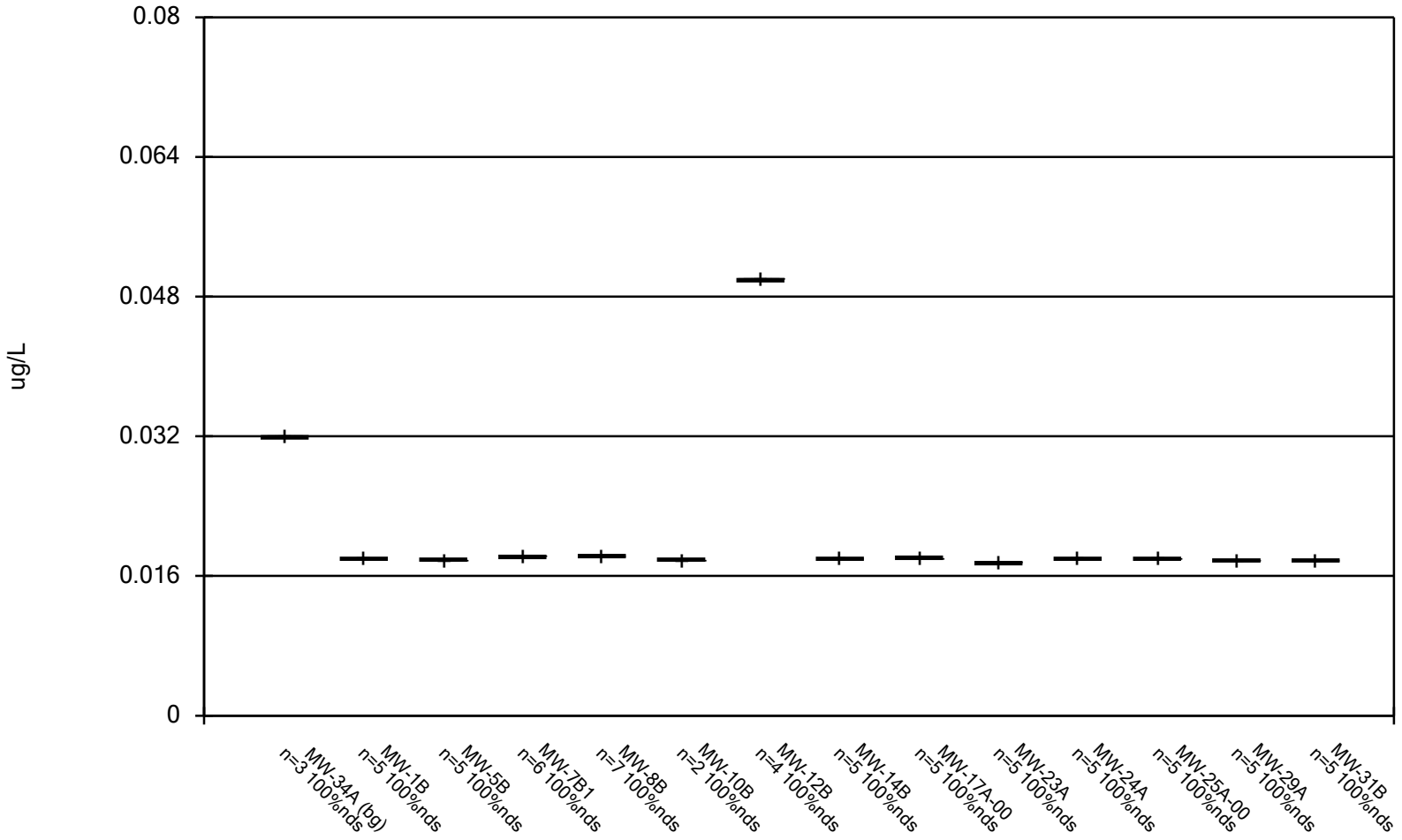
Box & Whiskers Plot

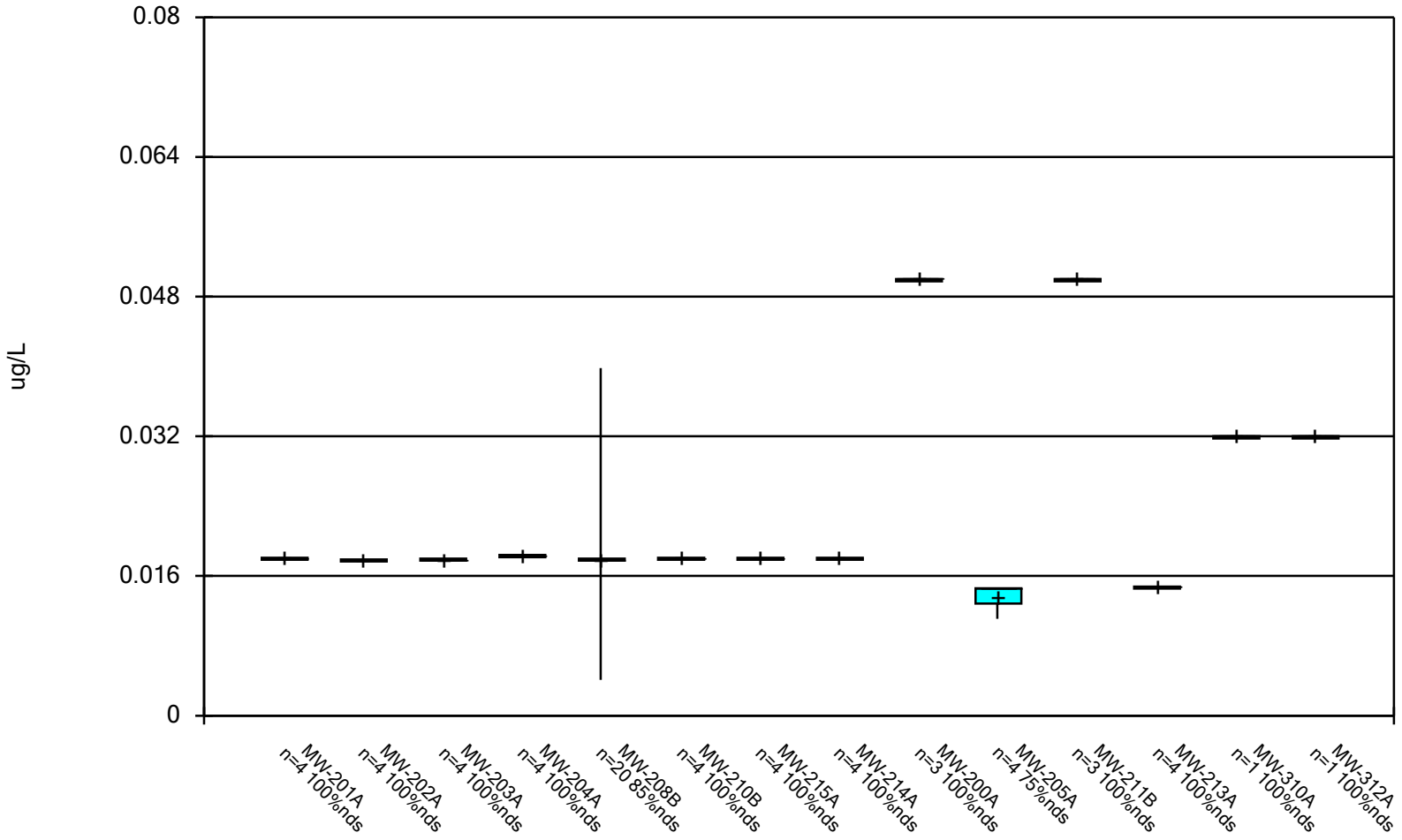


Constituent: 4,4`-DDT Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

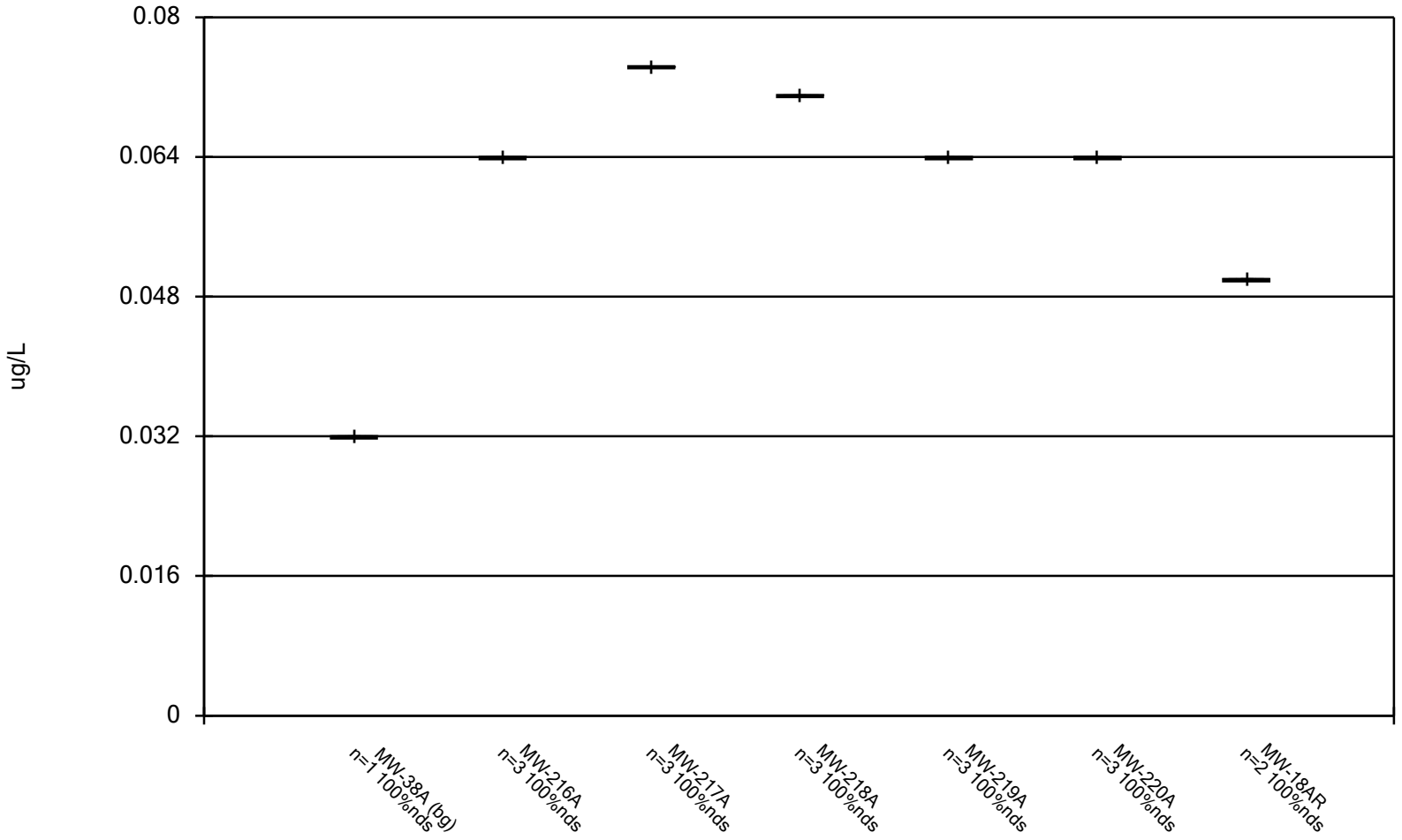


Constituent: 4,4`-DDT Analysis Run 7/8/2026 10:16 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

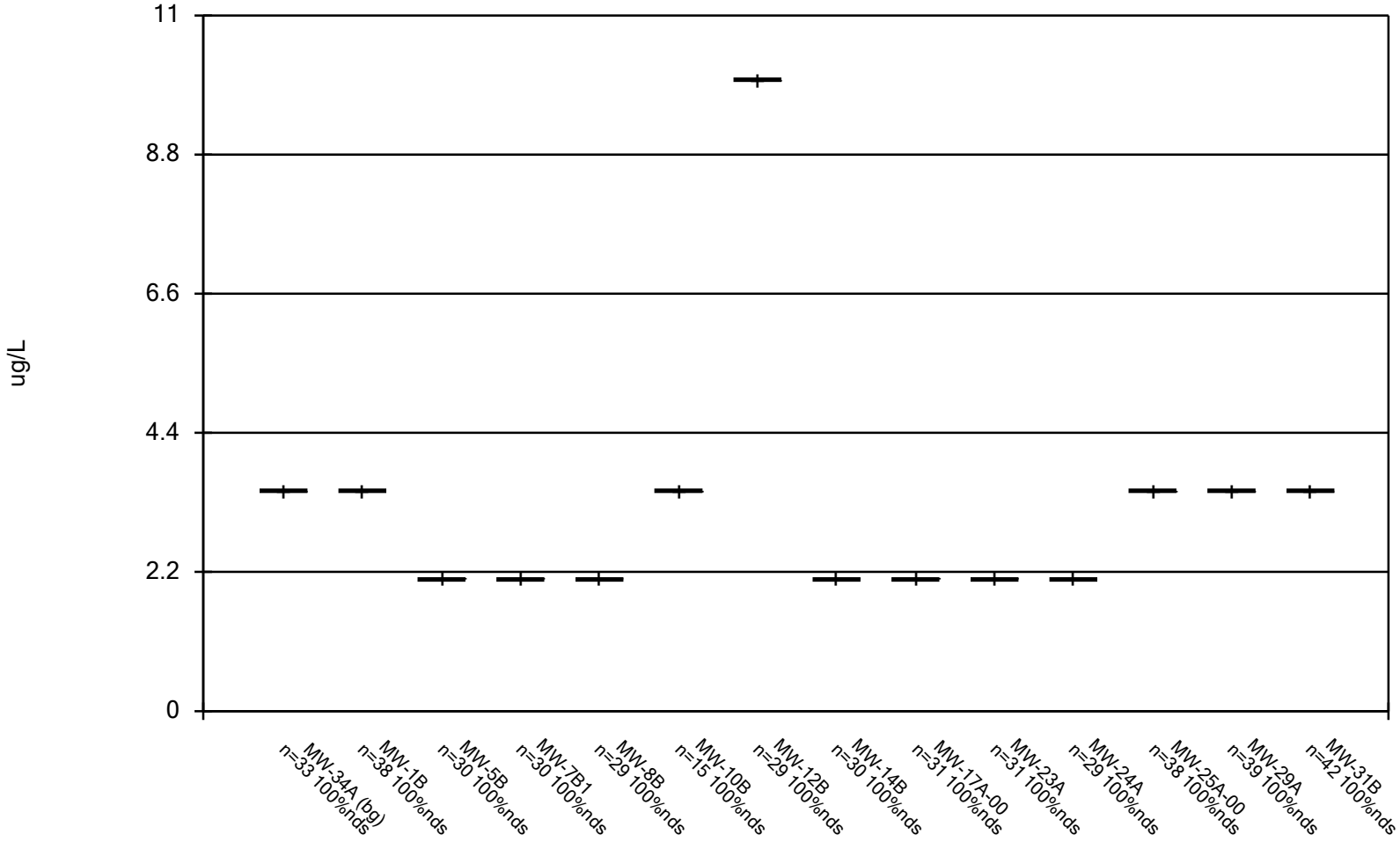


Constituent: 4,4`-DDT Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

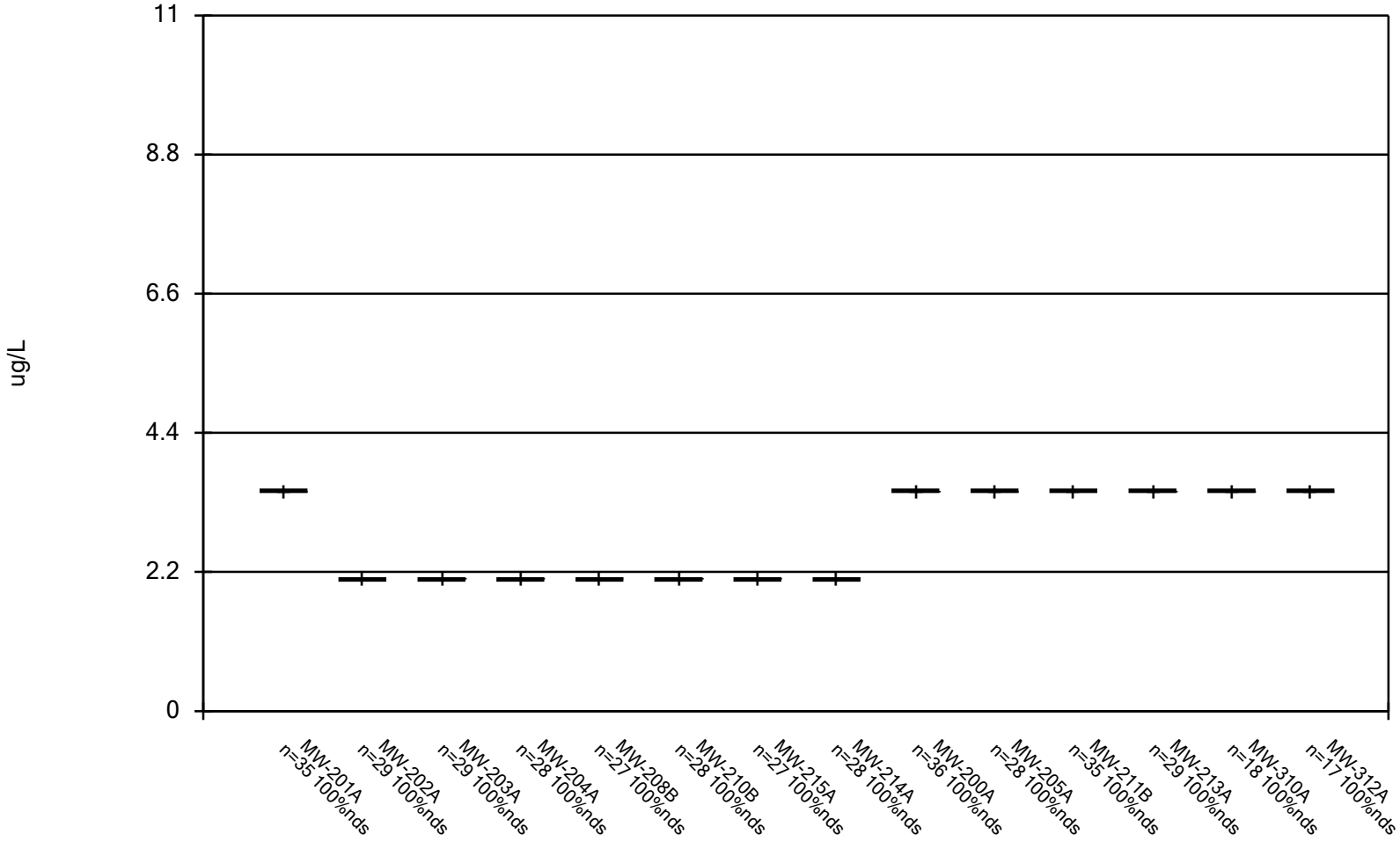


Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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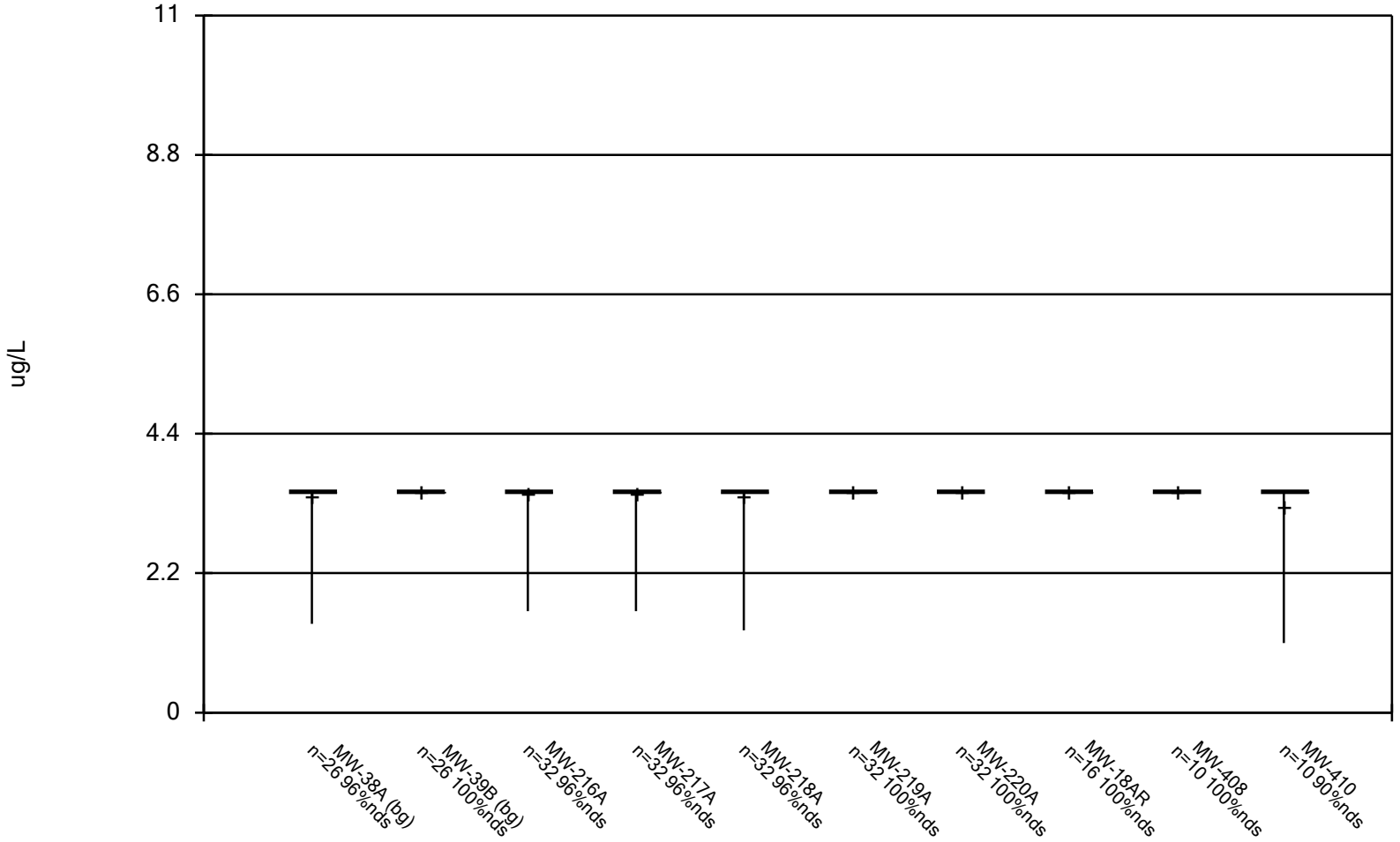
Box & Whiskers Plot



Constituent: 4-Methyl-2-pentanone [MIBK] Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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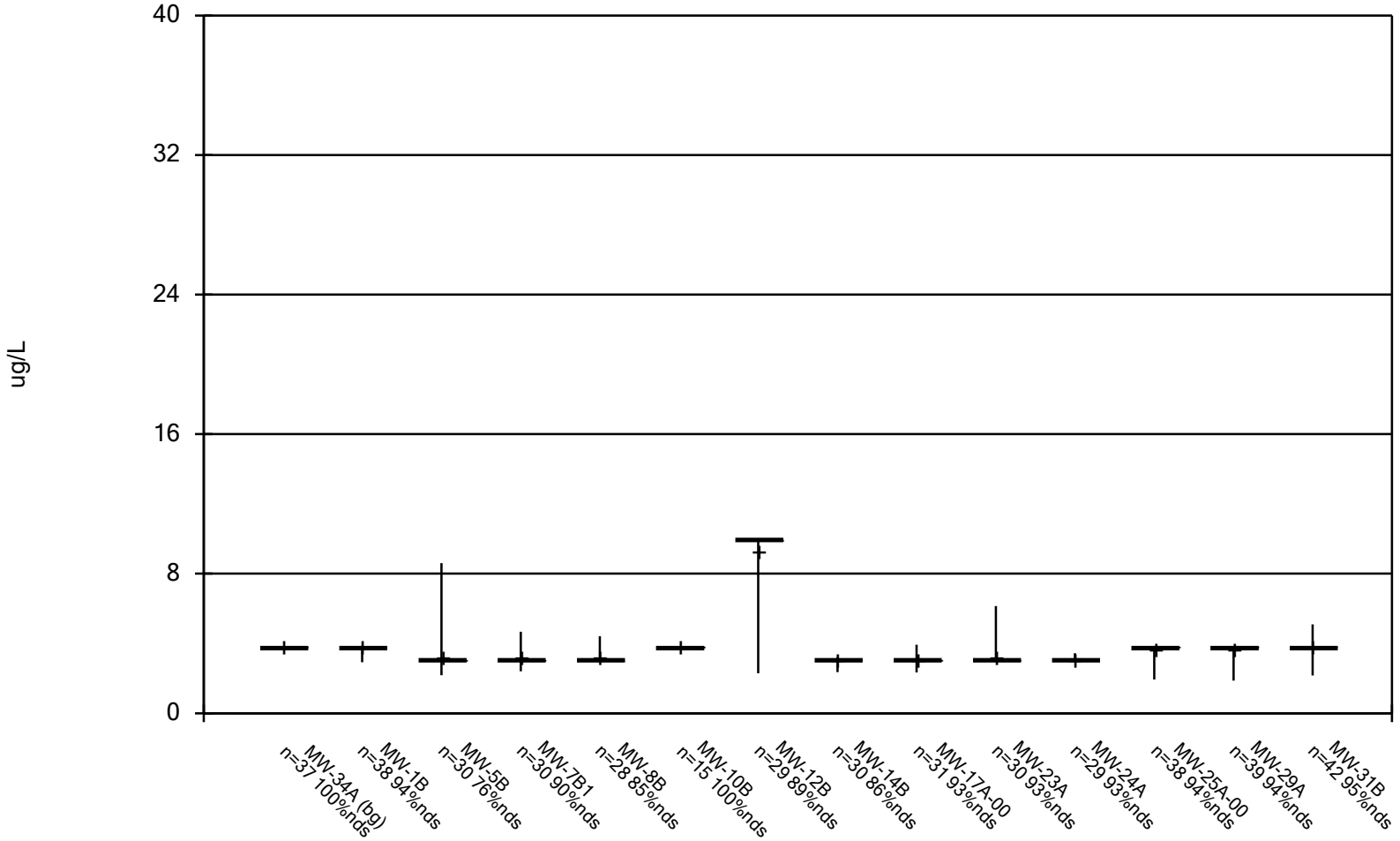
Box & Whiskers Plot

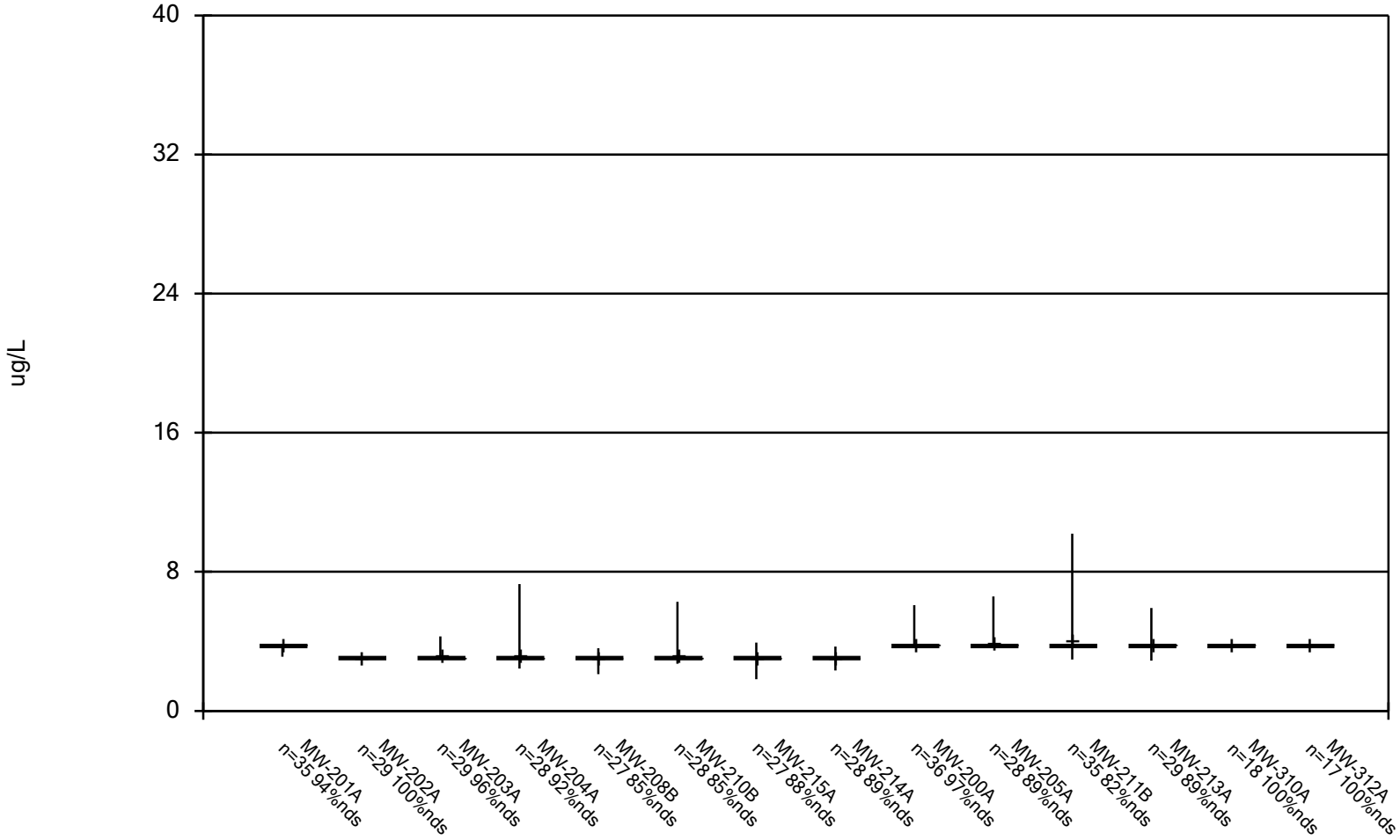


Constituent: Acetone Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

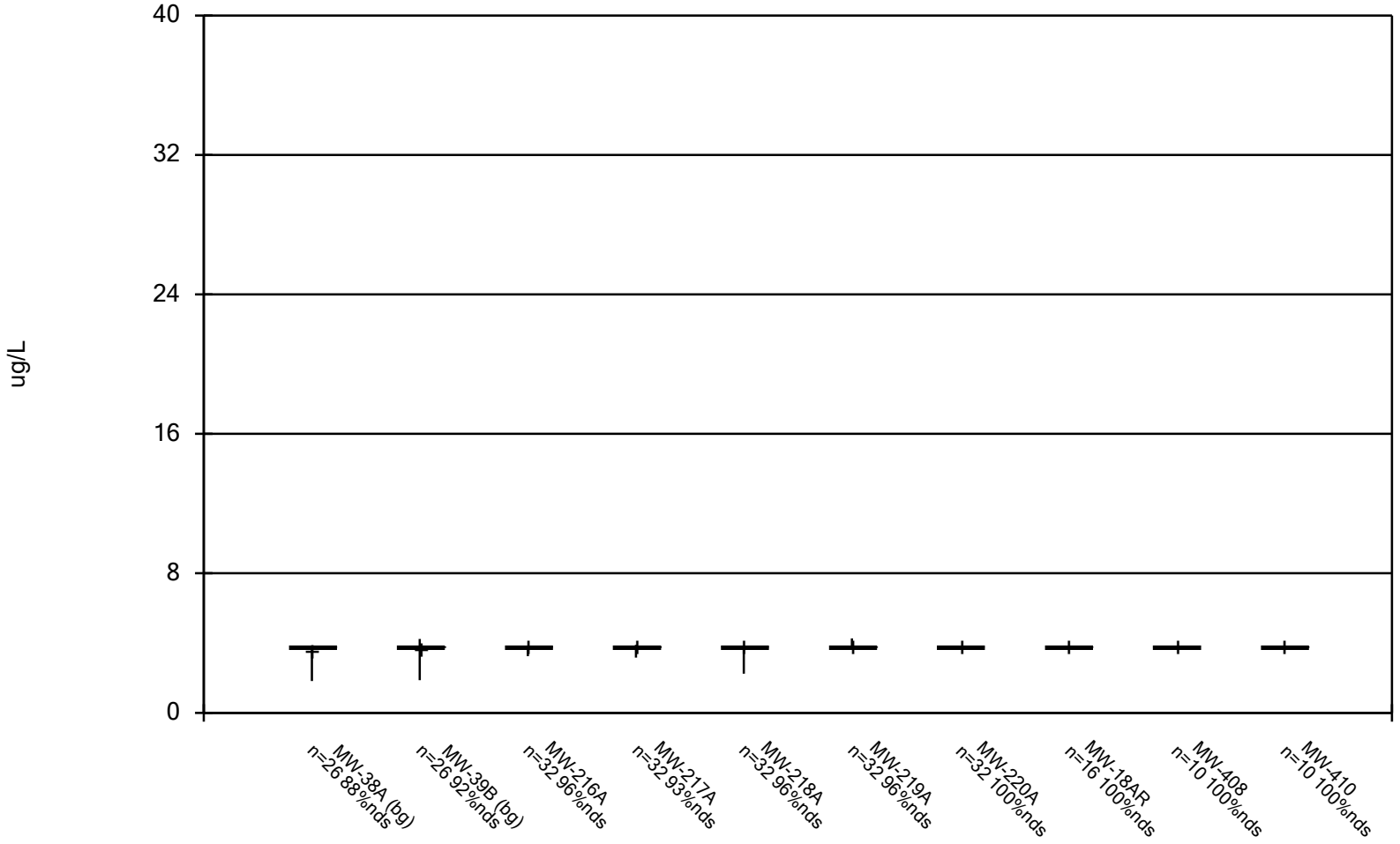


Constituent: Acetone Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

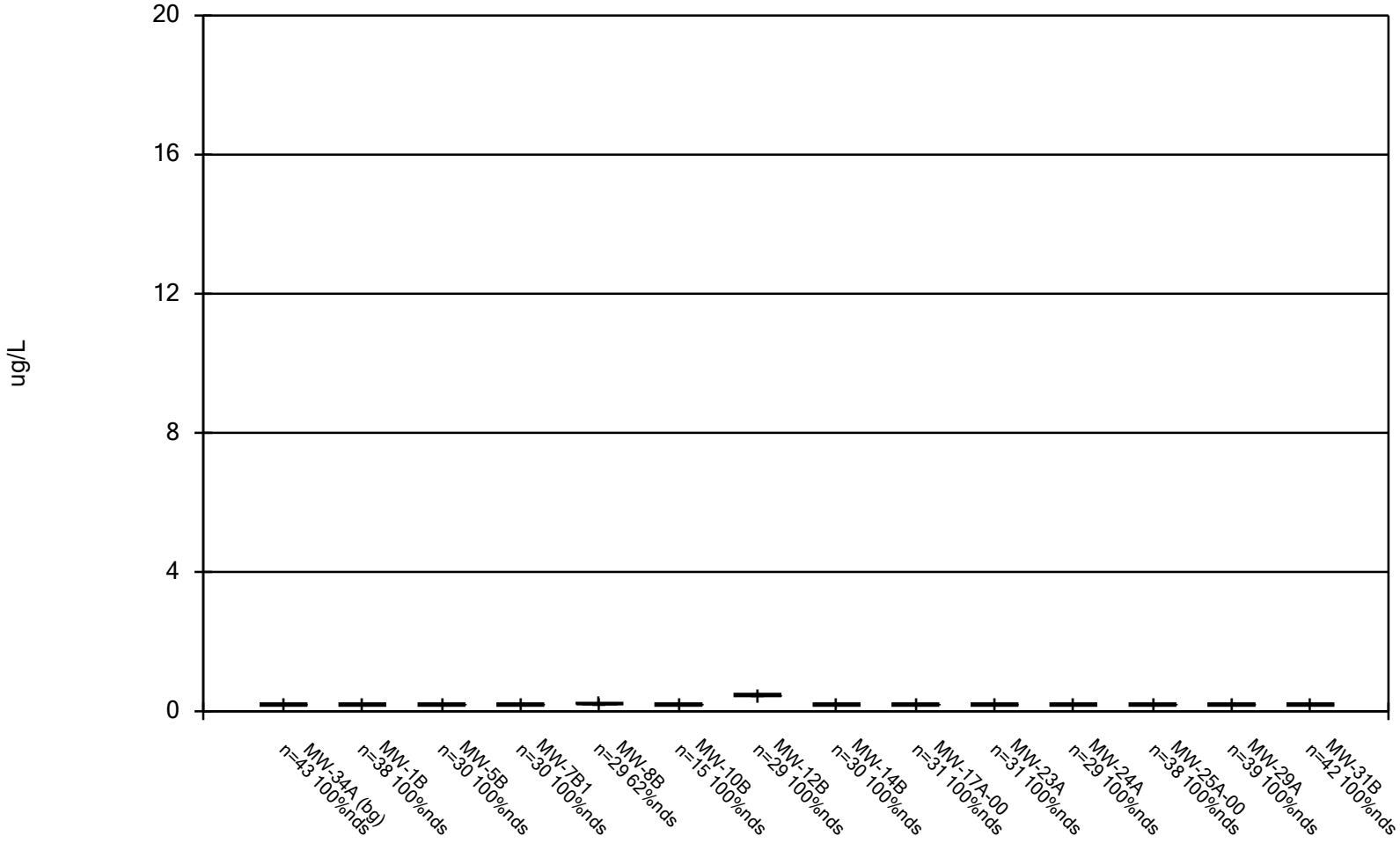


Constituent: Acetone Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Benzene Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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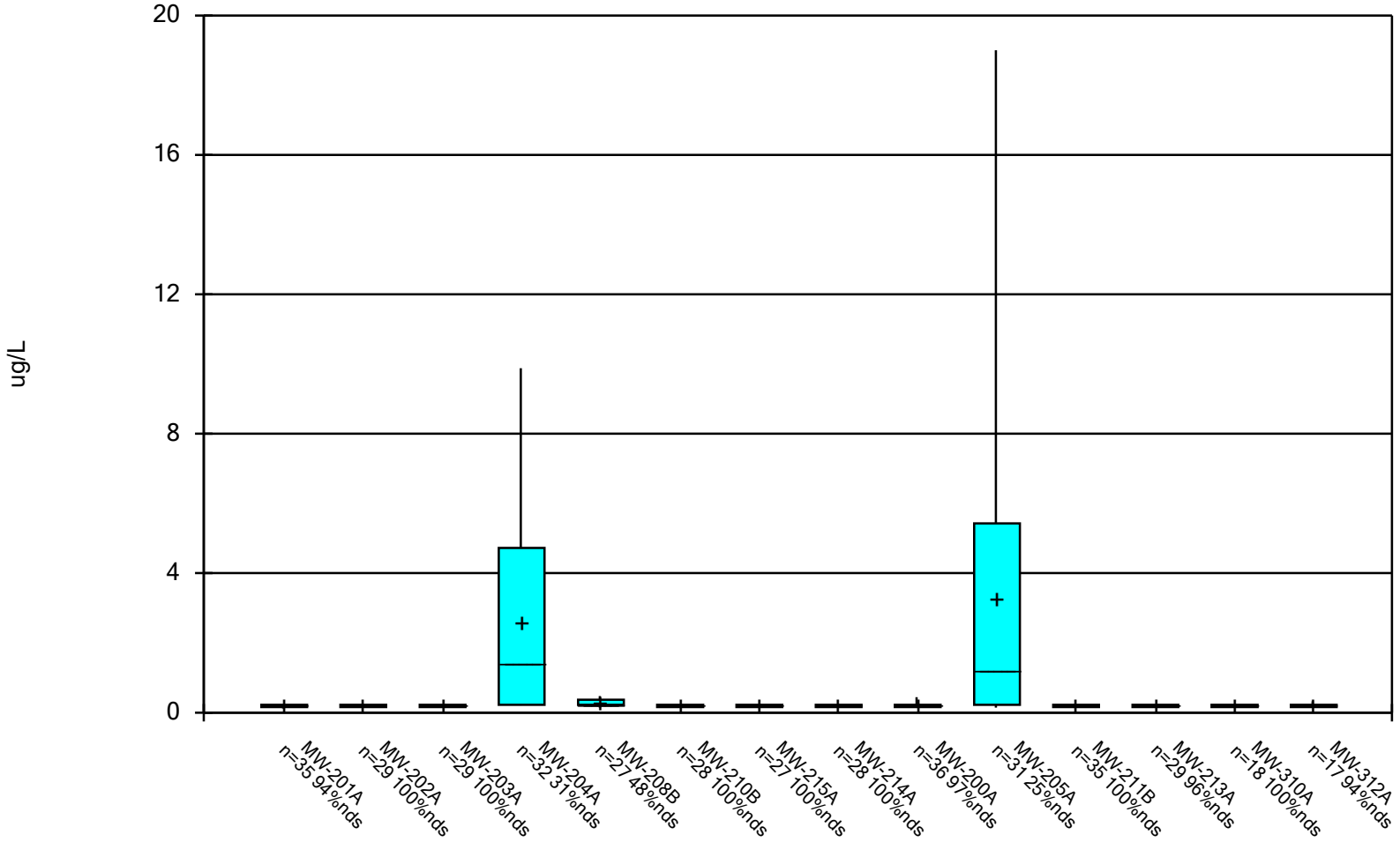
Box & Whiskers Plot

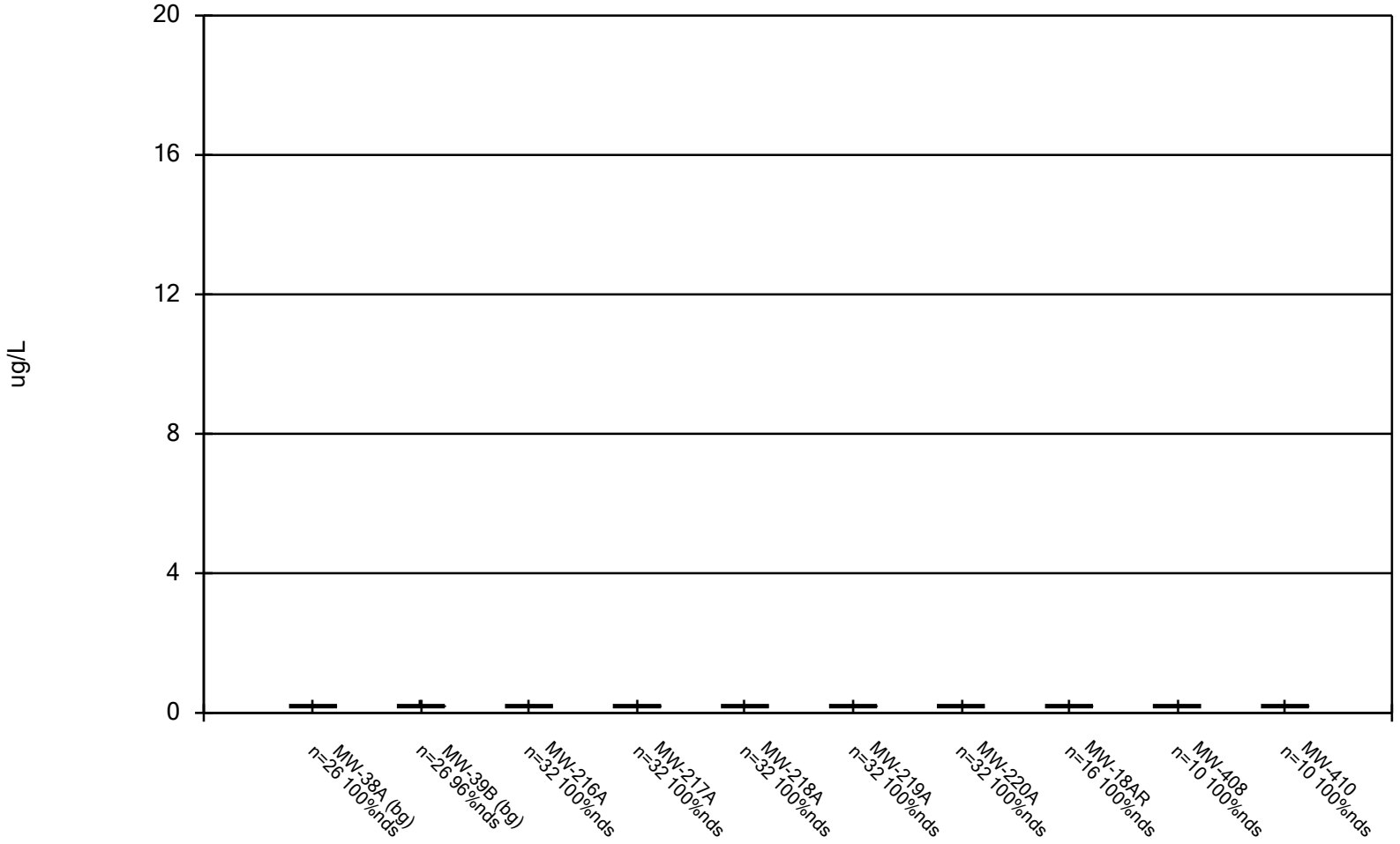


Constituent: Benzene Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

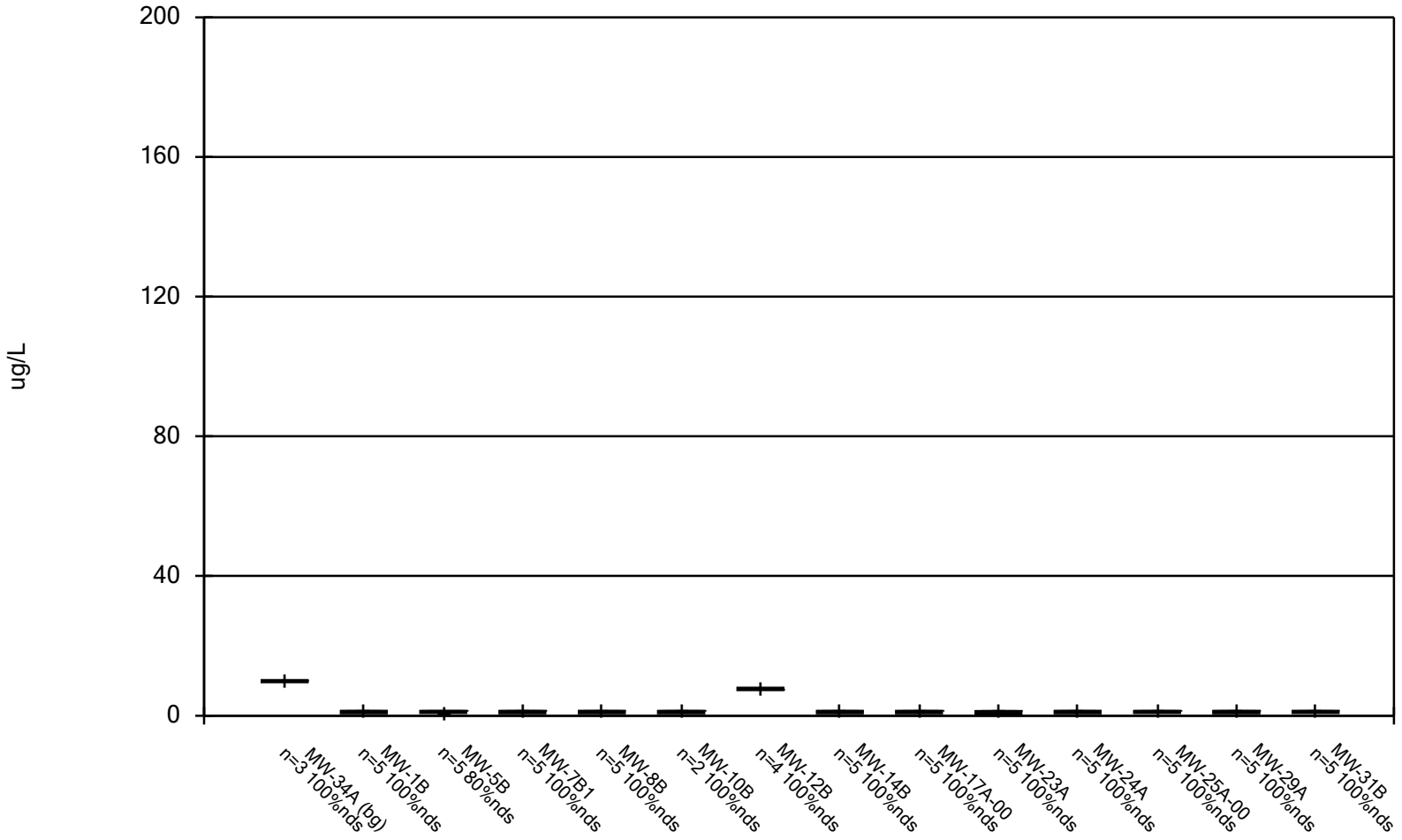


Constituent: Benzene Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

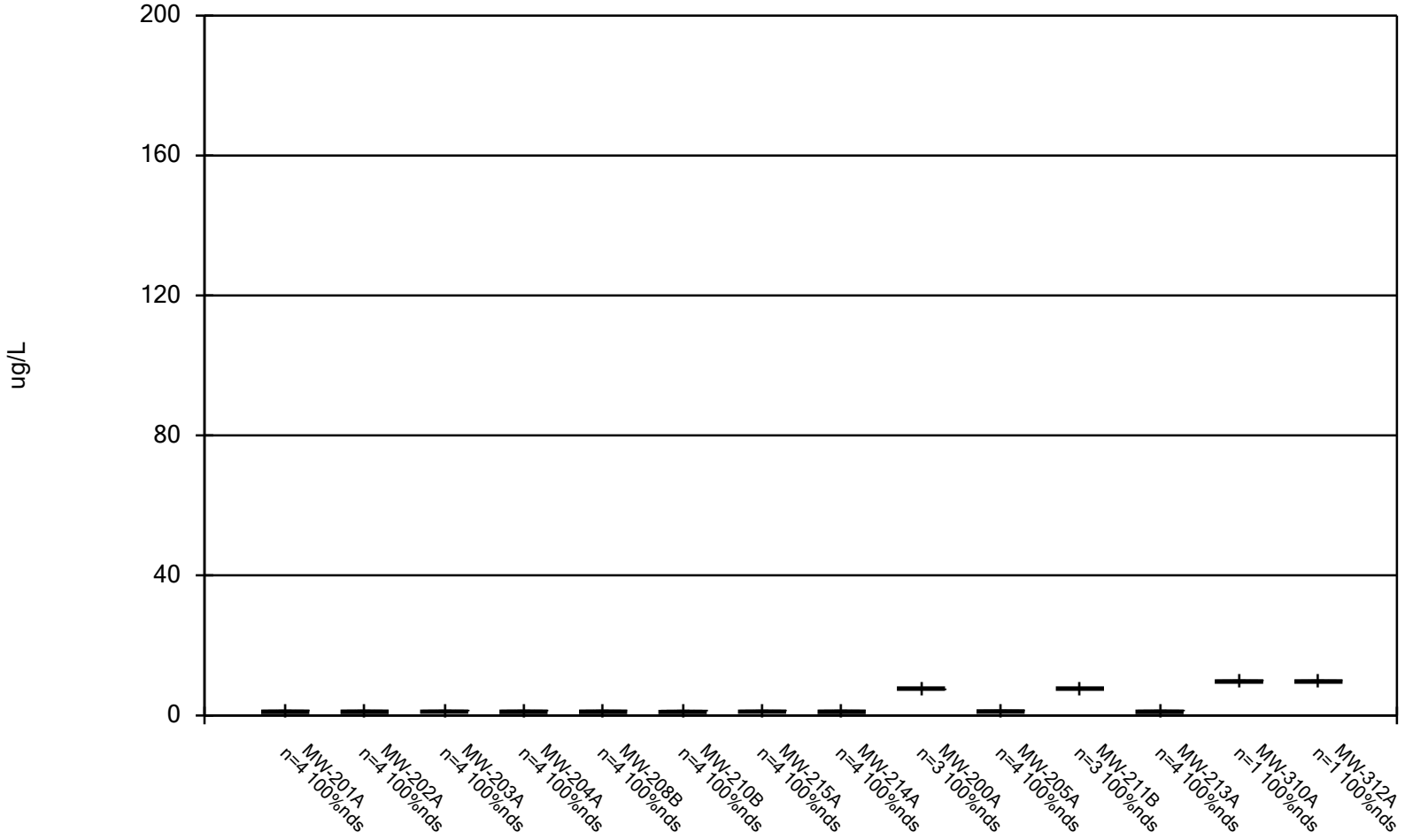


Constituent: Benzyl alcohol Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

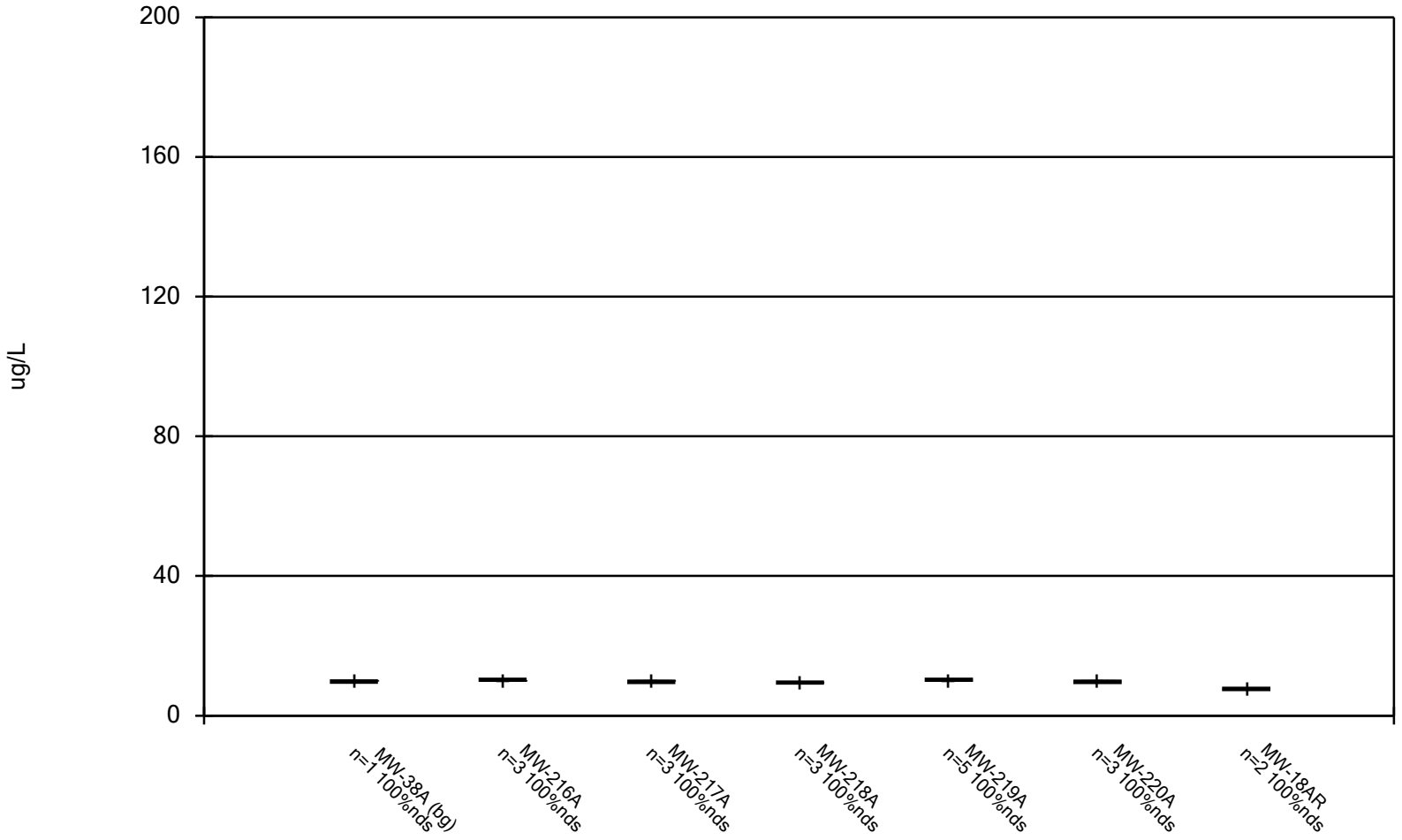


Constituent: Benzyl alcohol Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

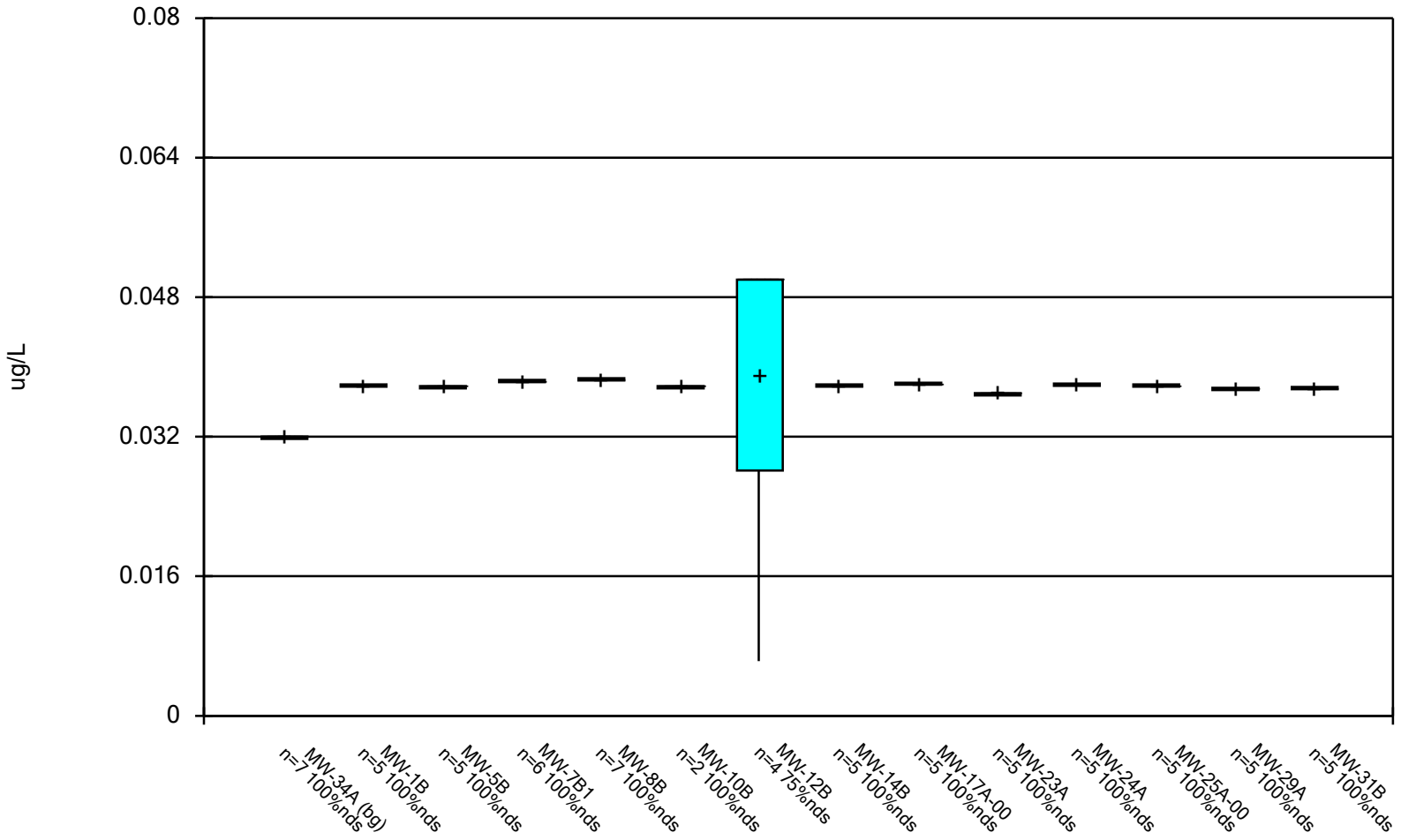


Constituent: Benzyl alcohol Analysis Run 7/8/2026 10:17 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Beta-BHC Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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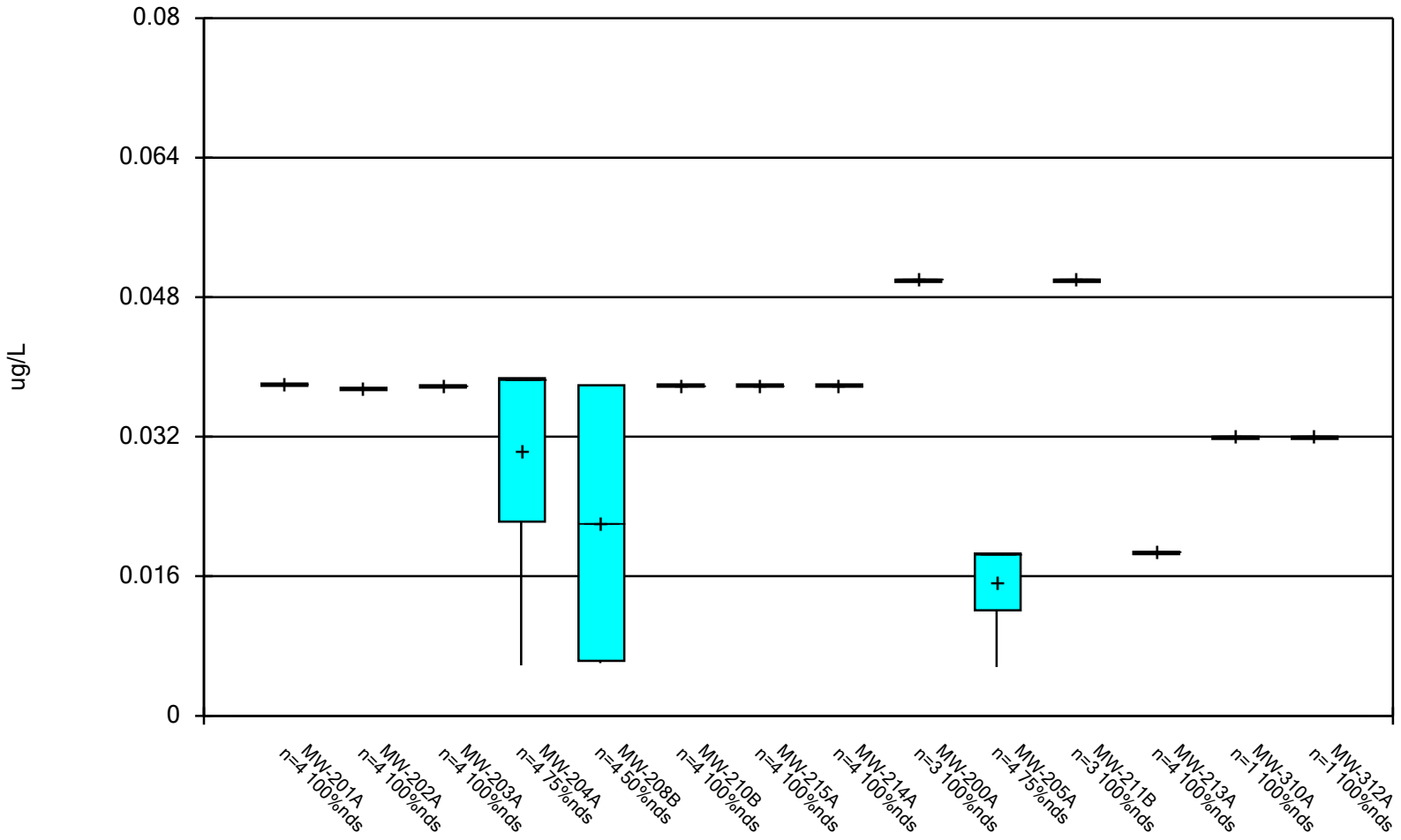
Box & Whiskers Plot

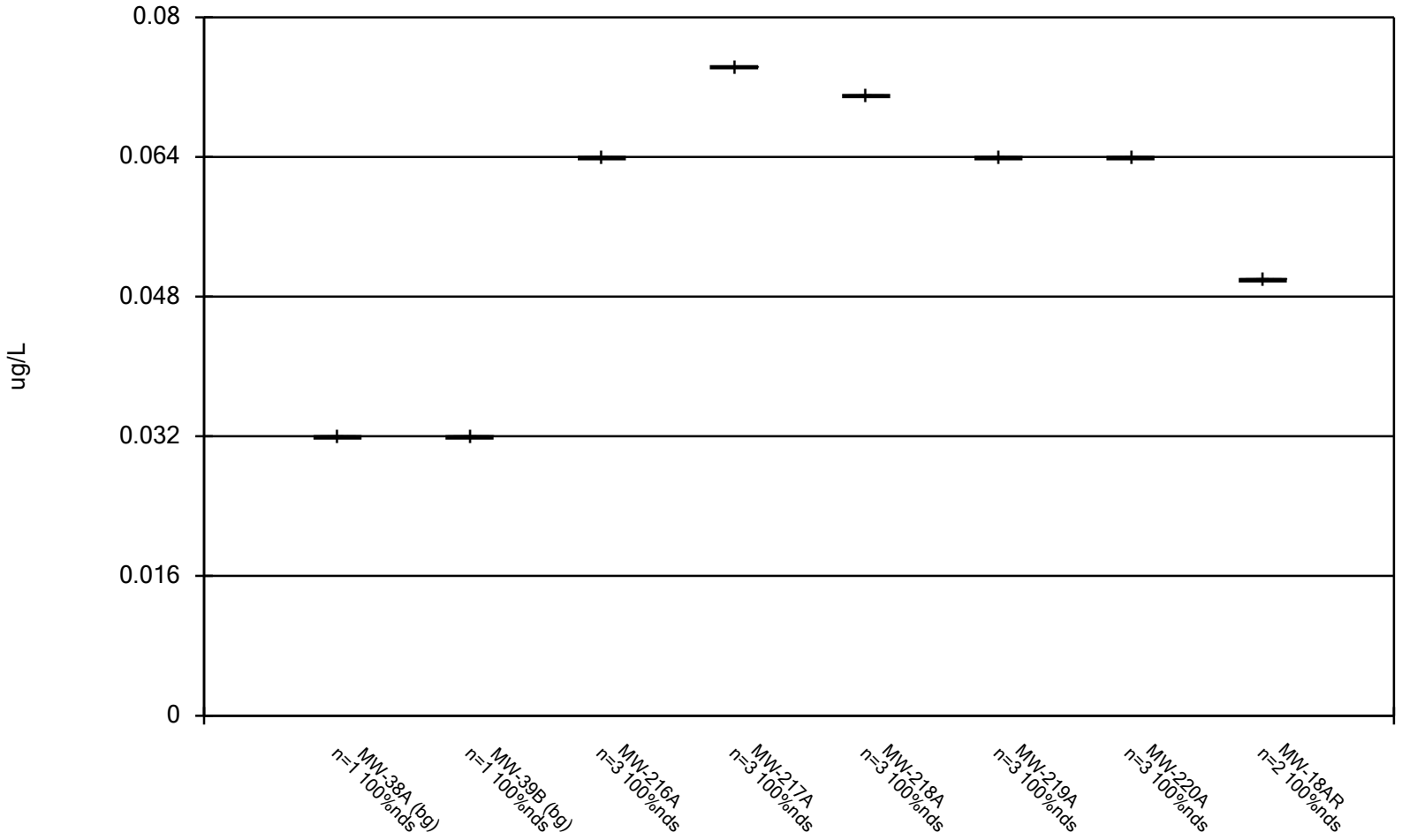


Constituent: Beta-BHC Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

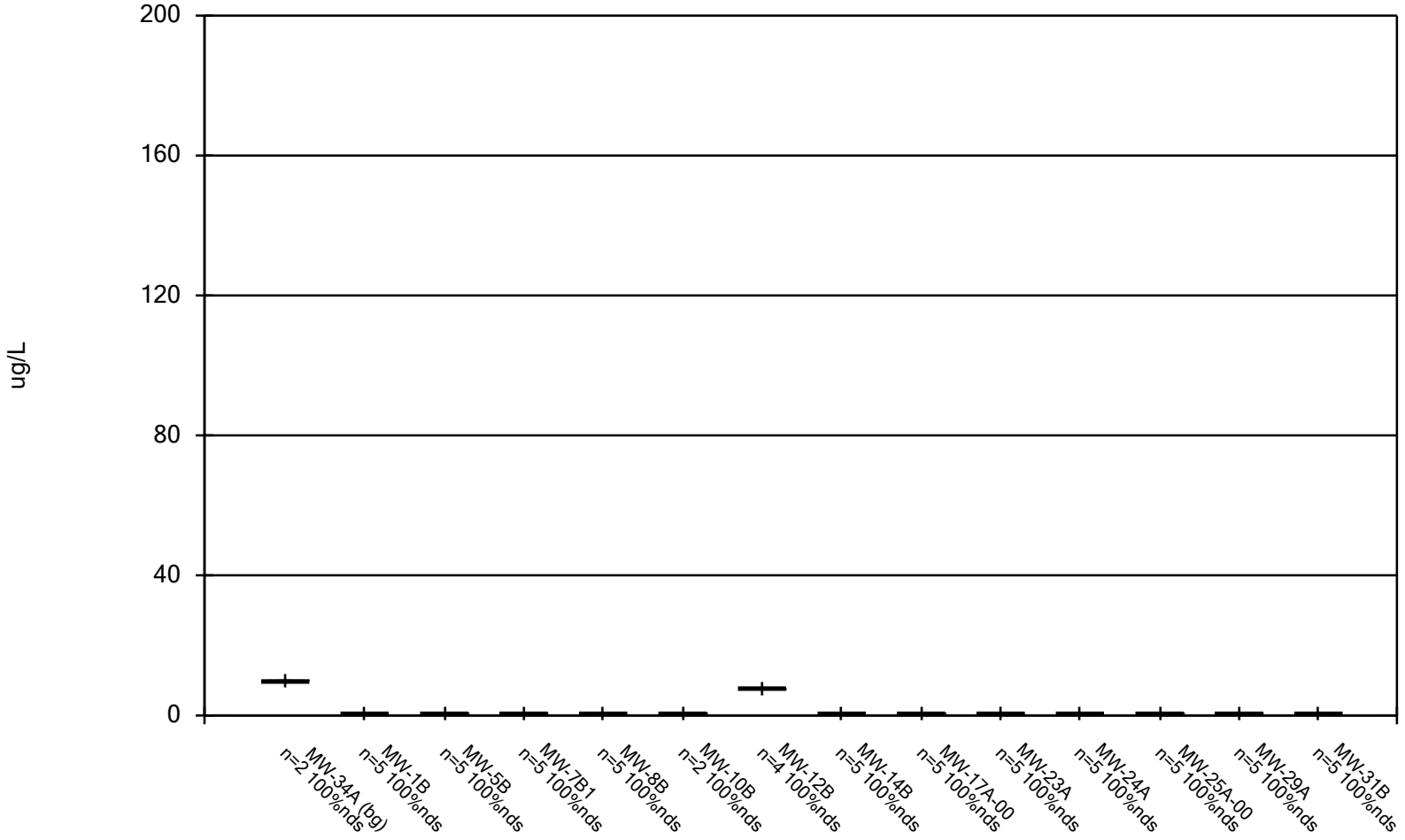


Constituent: Beta-BHC Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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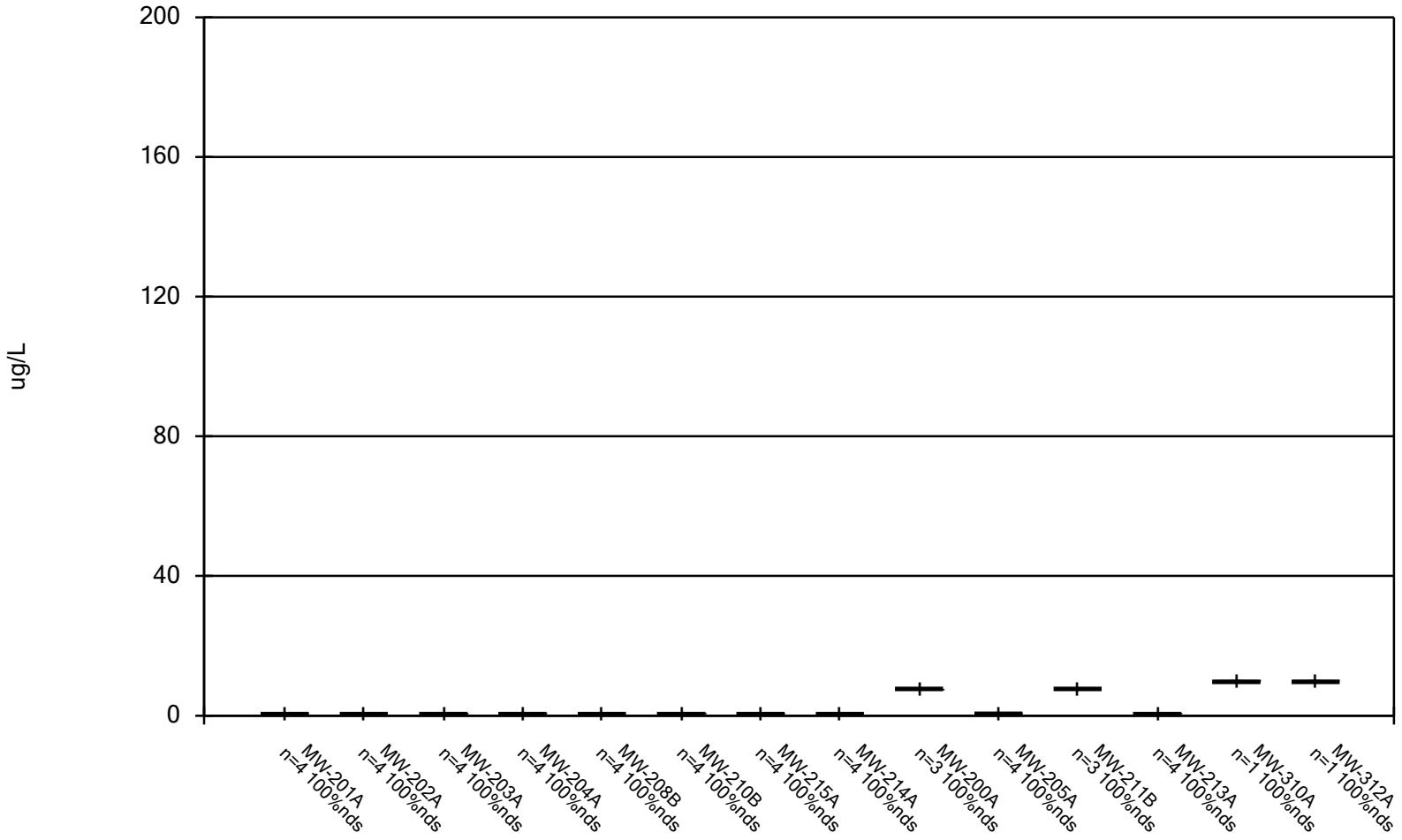
Box & Whiskers Plot

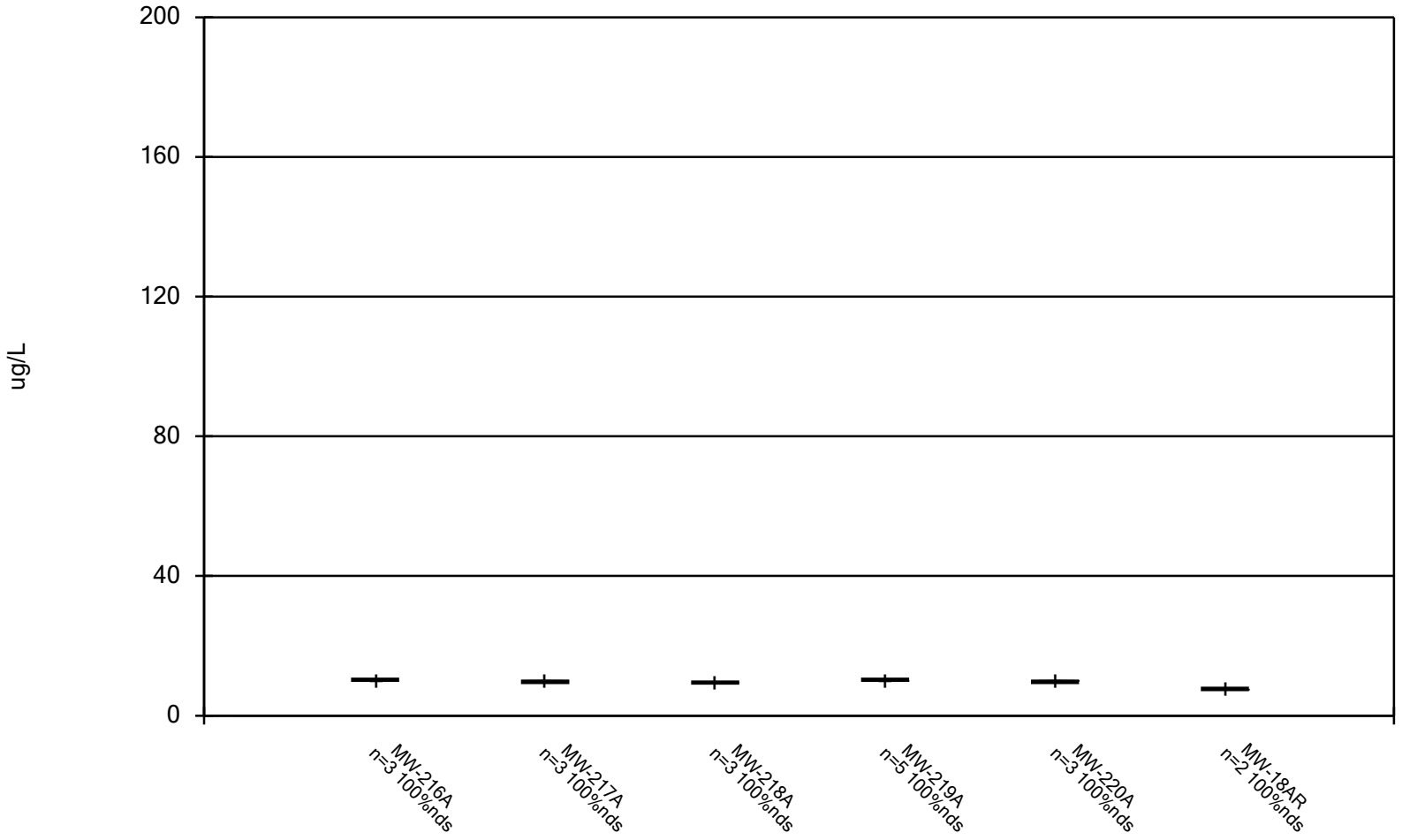


Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Bis[2-chloroethoxy]methane Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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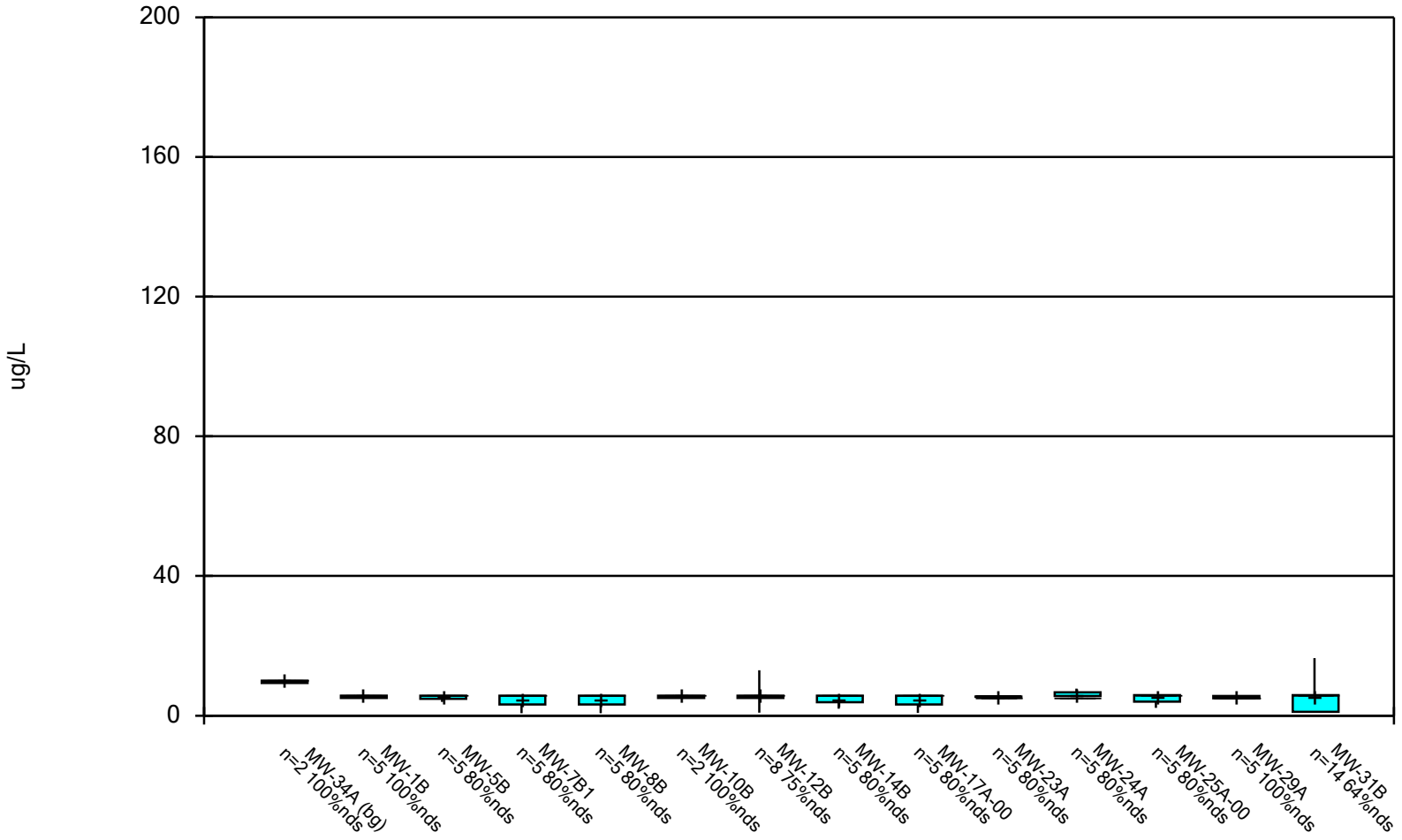
Box & Whiskers Plot

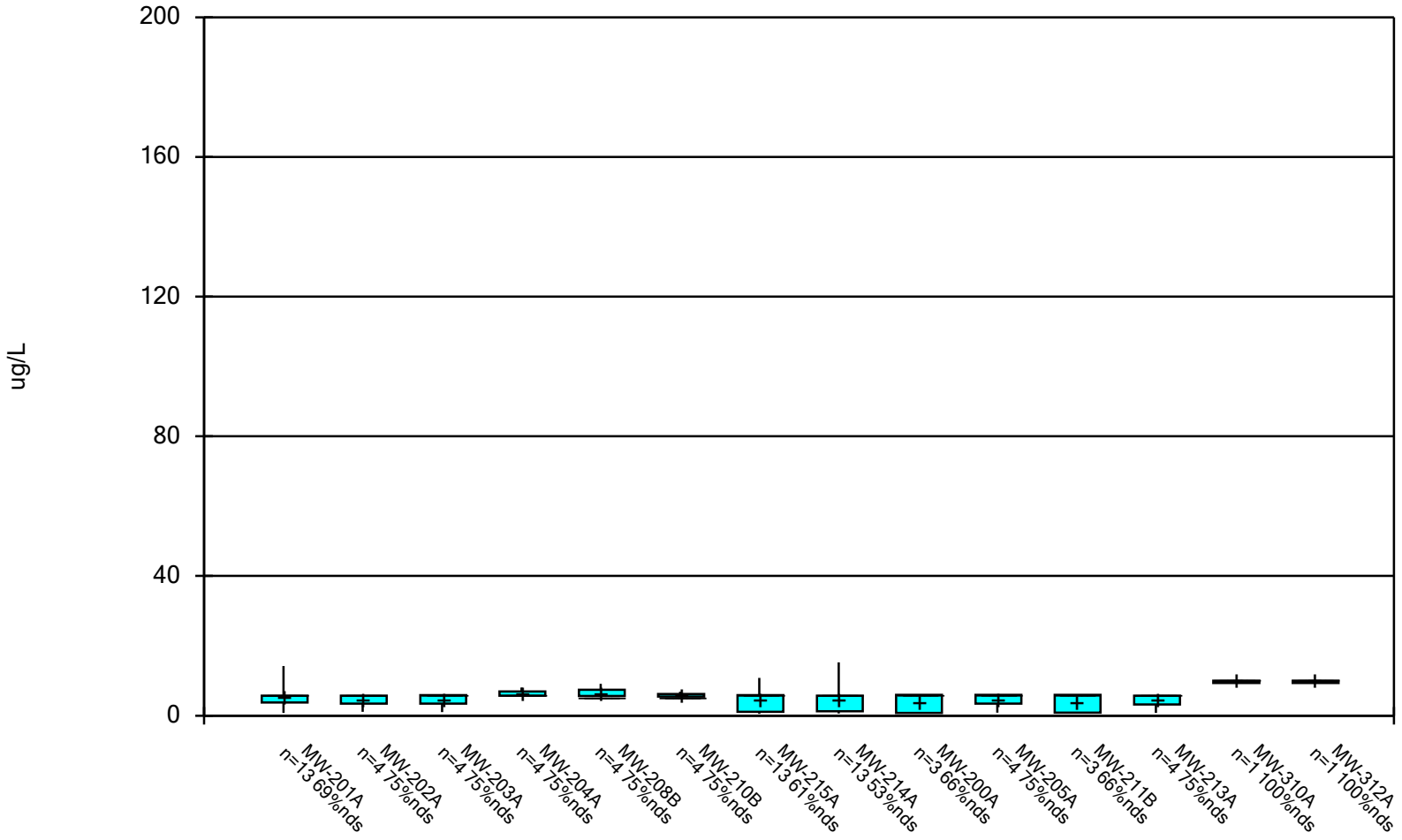


Constituent: Bis[2-ethylhexyl]phthalate Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

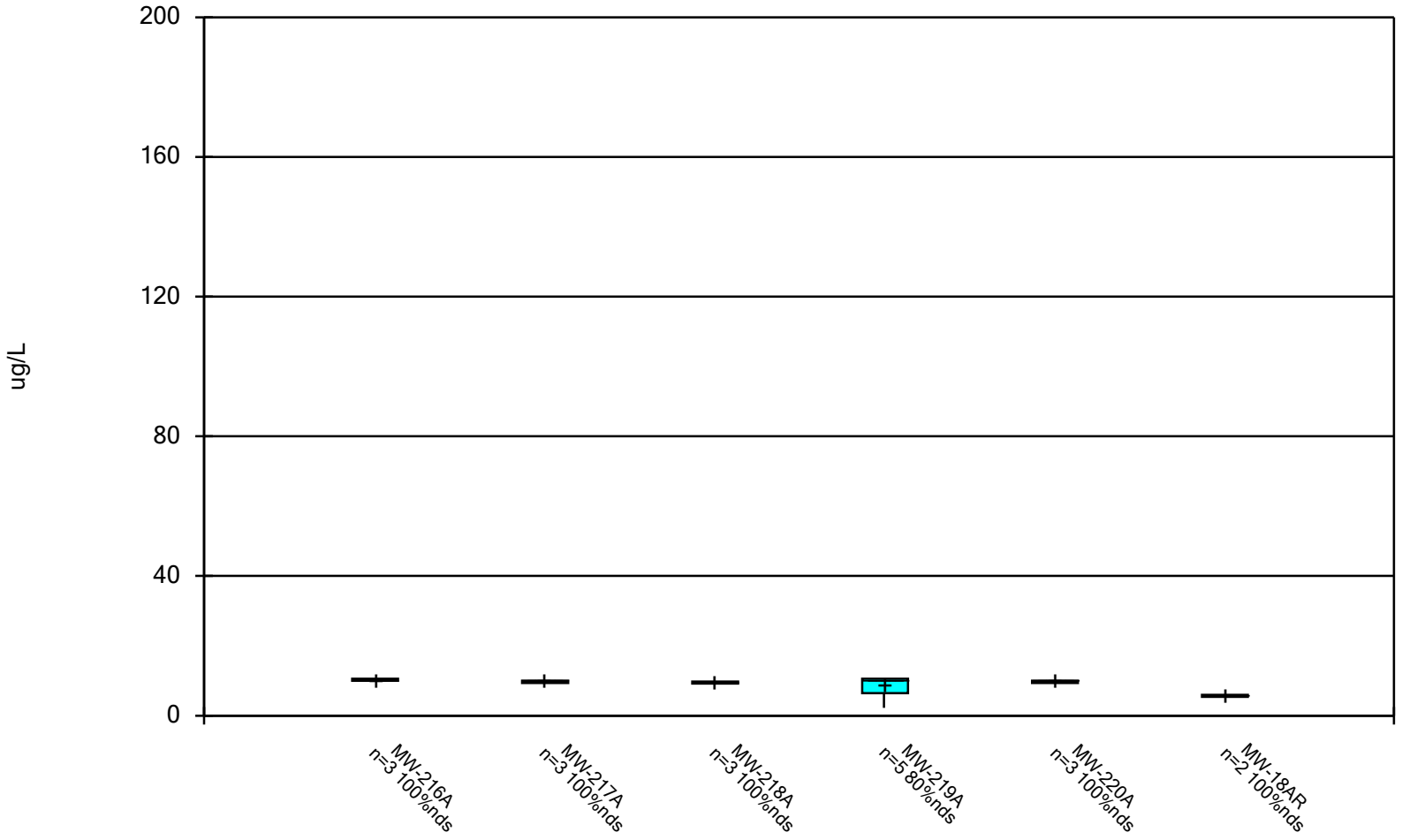


Constituent: Bis[2-ethylhexyl]phthalate Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Bis[2-ethylhexyl]phthalate Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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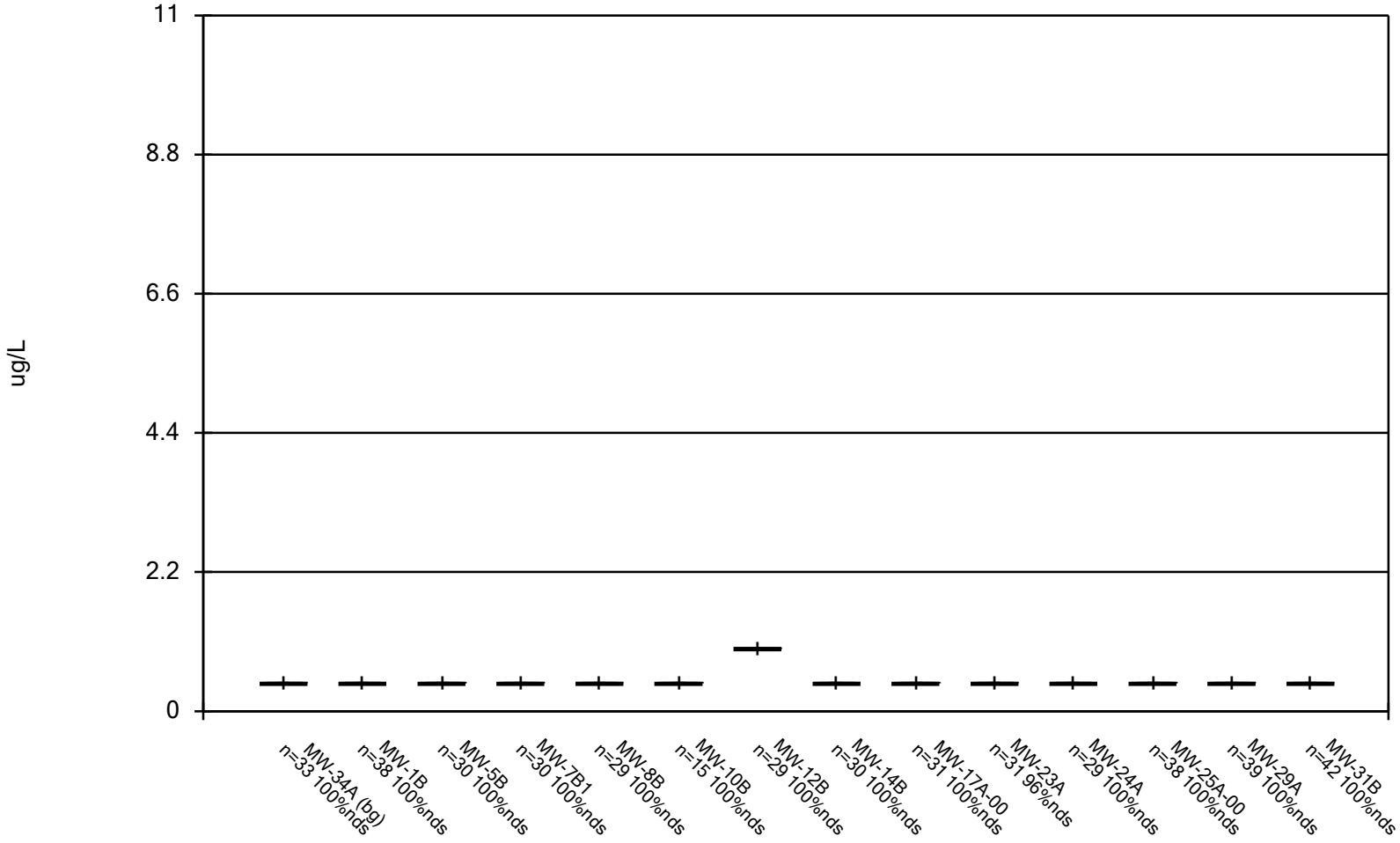
Box & Whiskers Plot

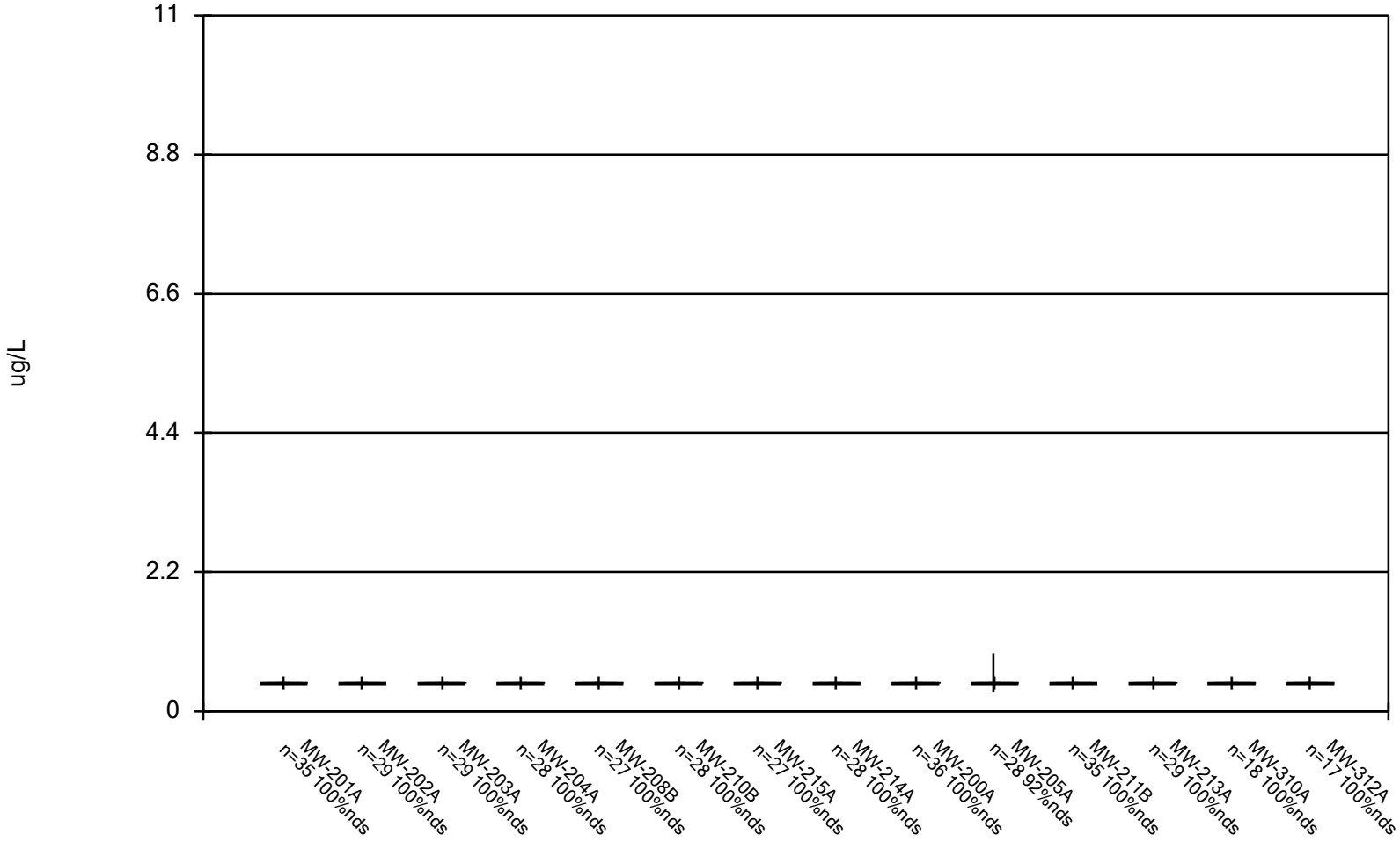


Constituent: Carbon Disulfide Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

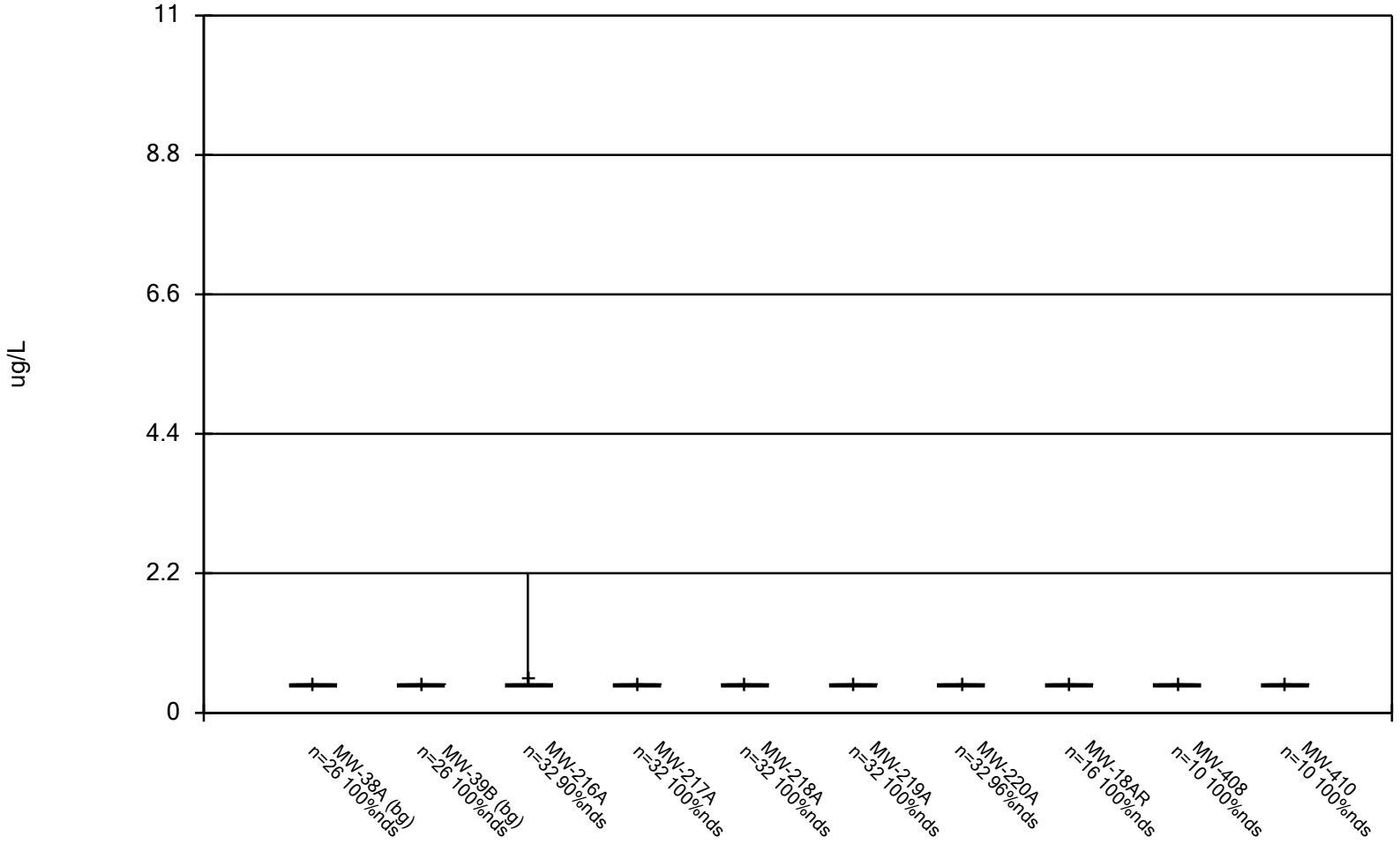


Constituent: Carbon Disulfide Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

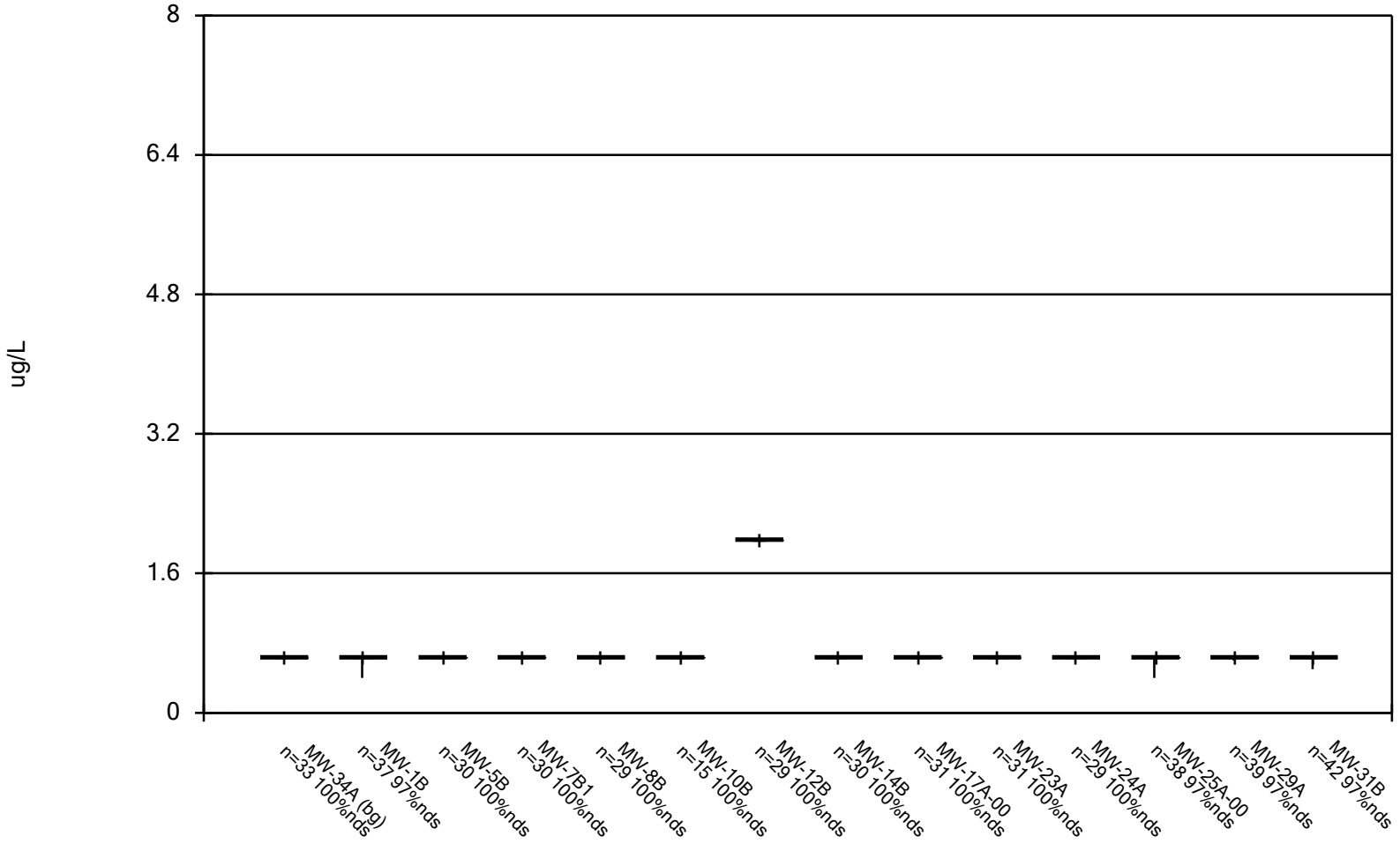


Constituent: Carbon Disulfide Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

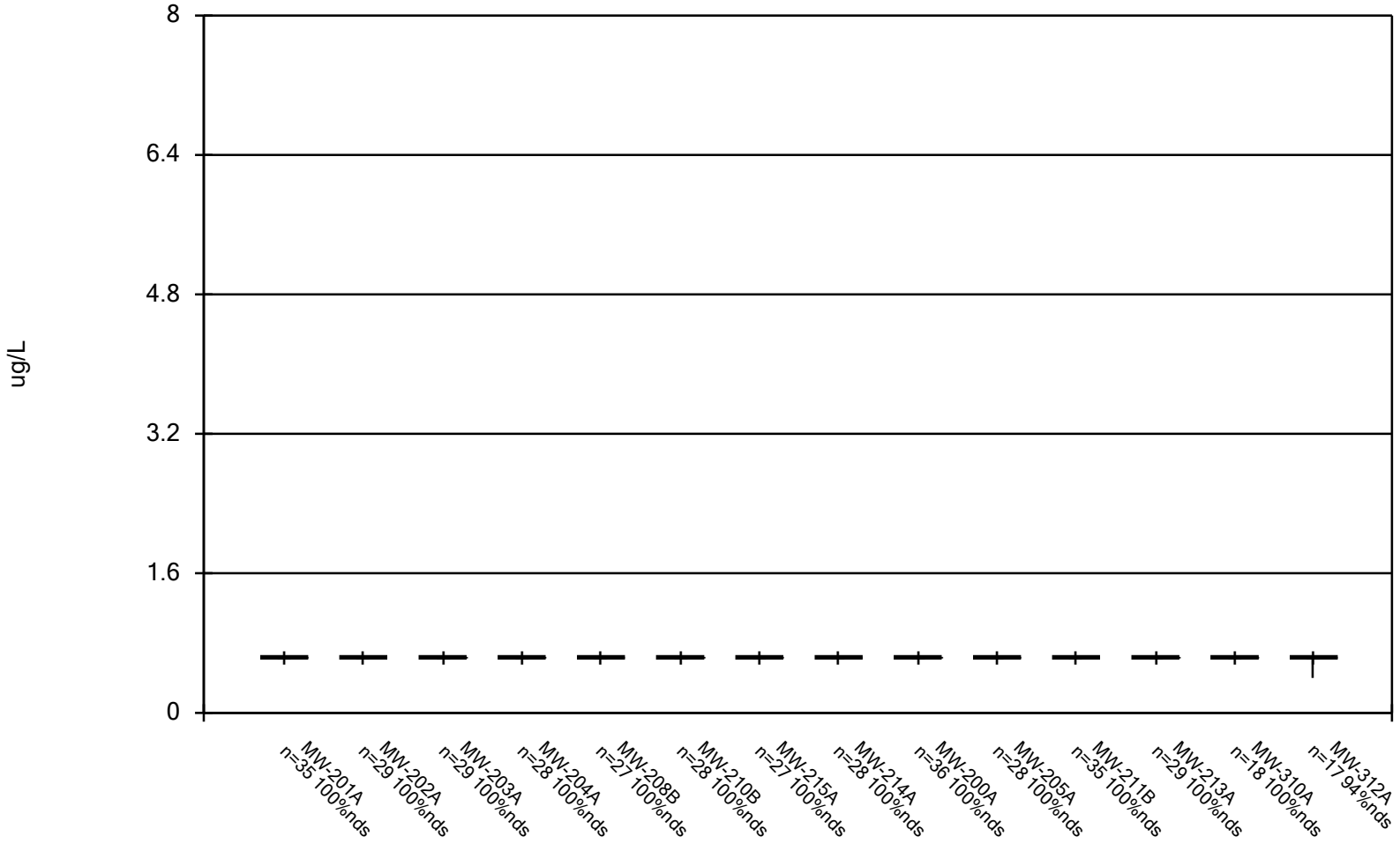


Constituent: Carbon Tetrachloride Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

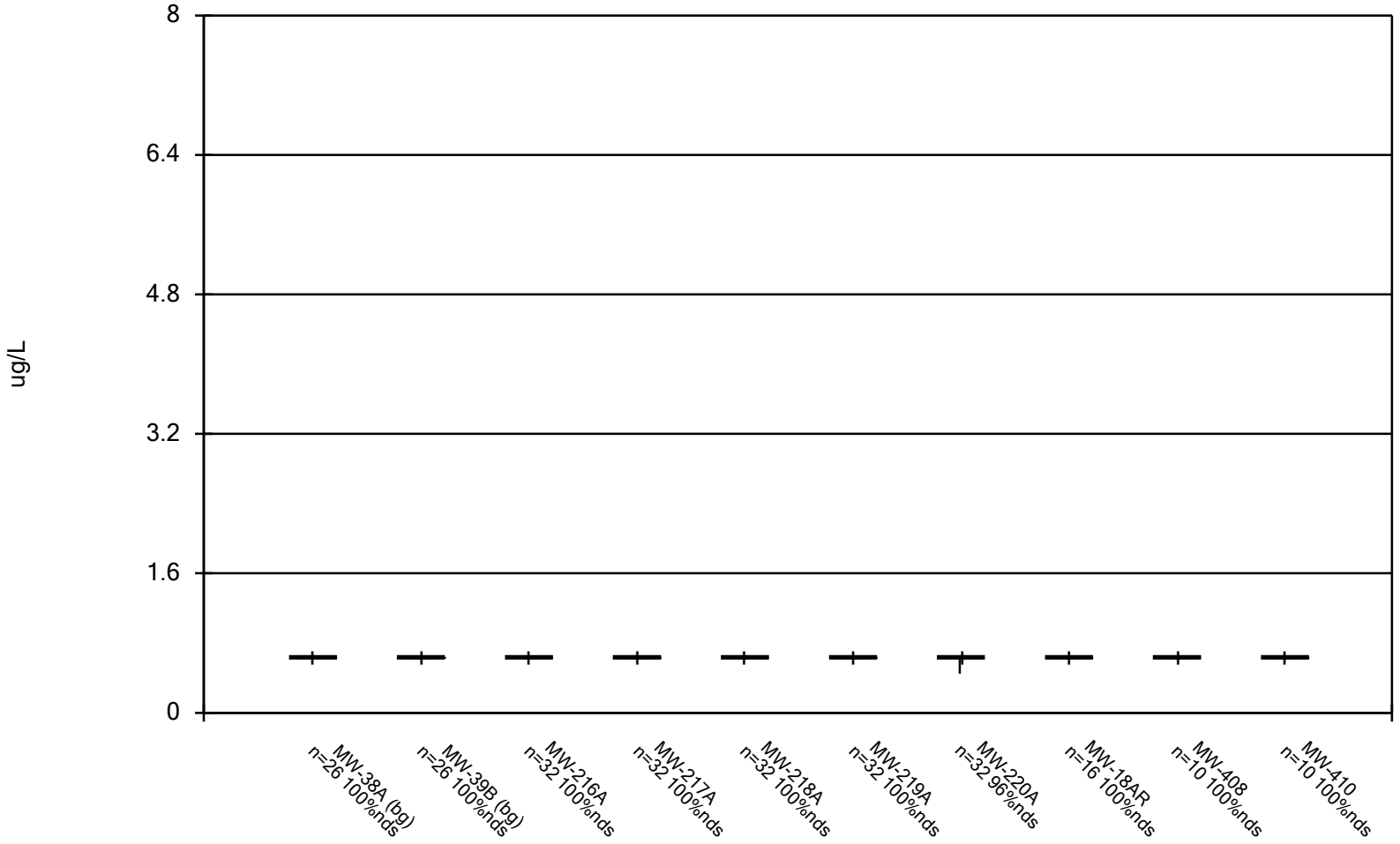


Constituent: Carbon Tetrachloride Analysis Run 7/8/2026 10:18 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Carbon Tetrachloride Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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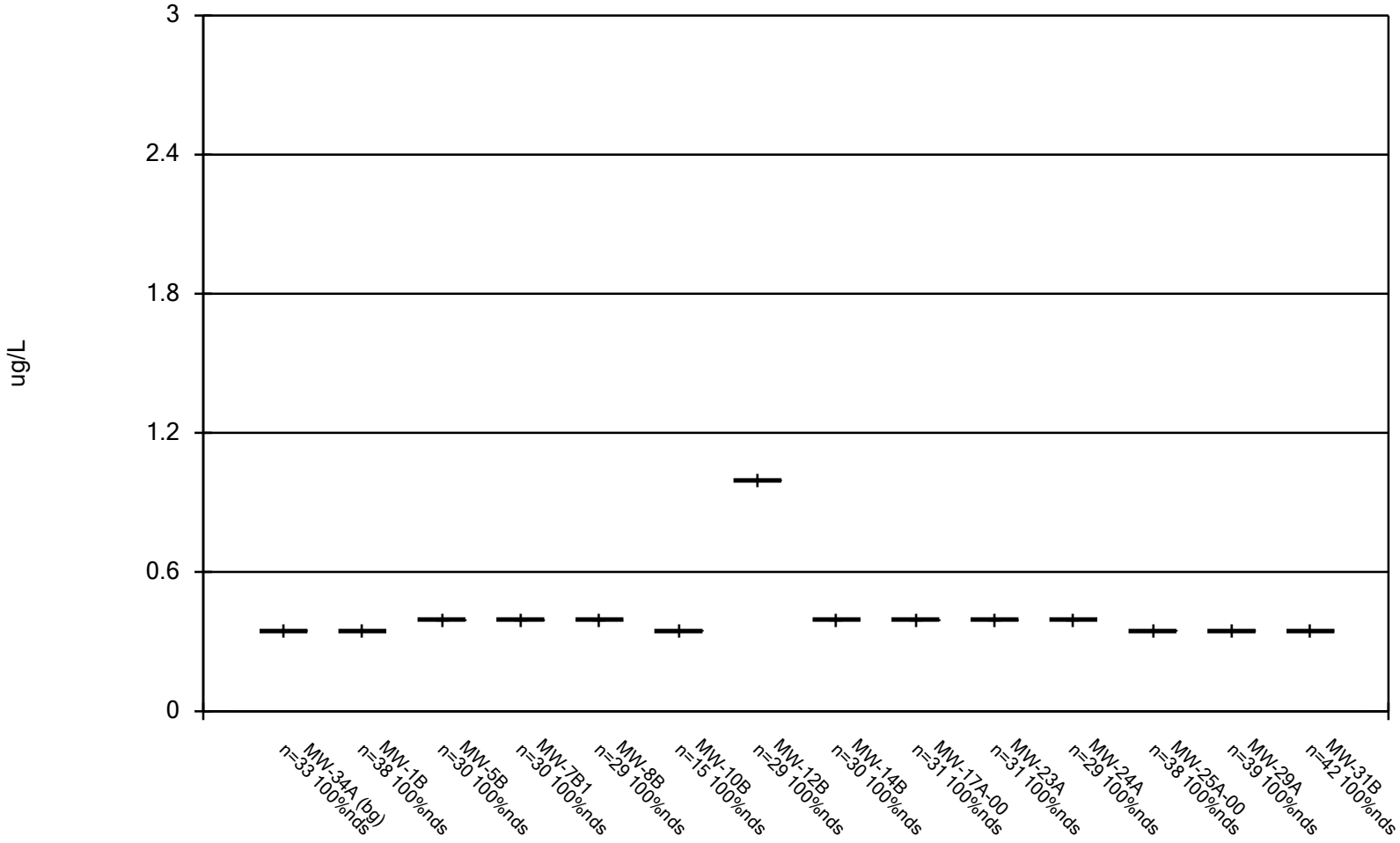
Box & Whiskers Plot



Constituent: Chlorobenzene Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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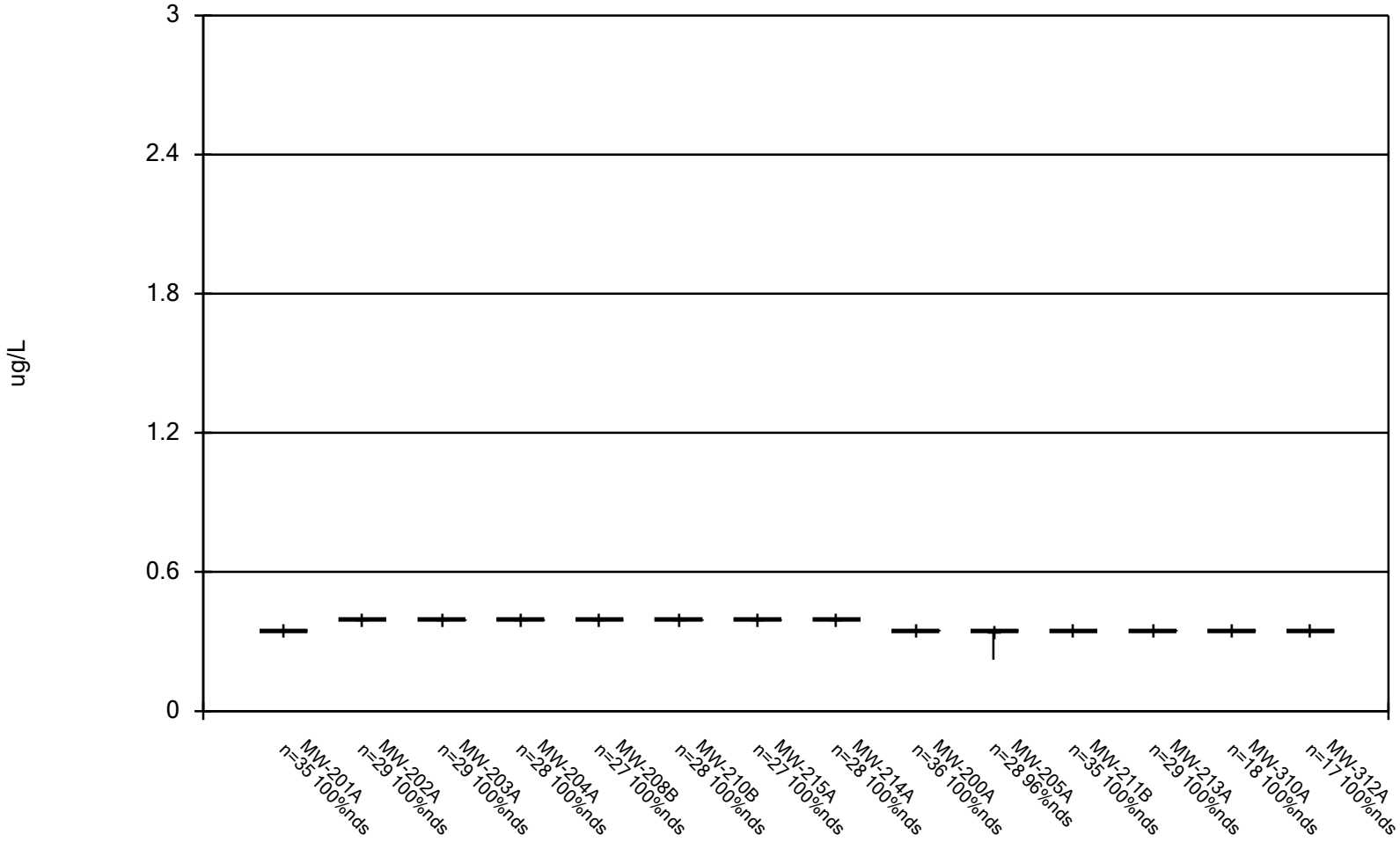
Box & Whiskers Plot



Constituent: Chlorobenzene Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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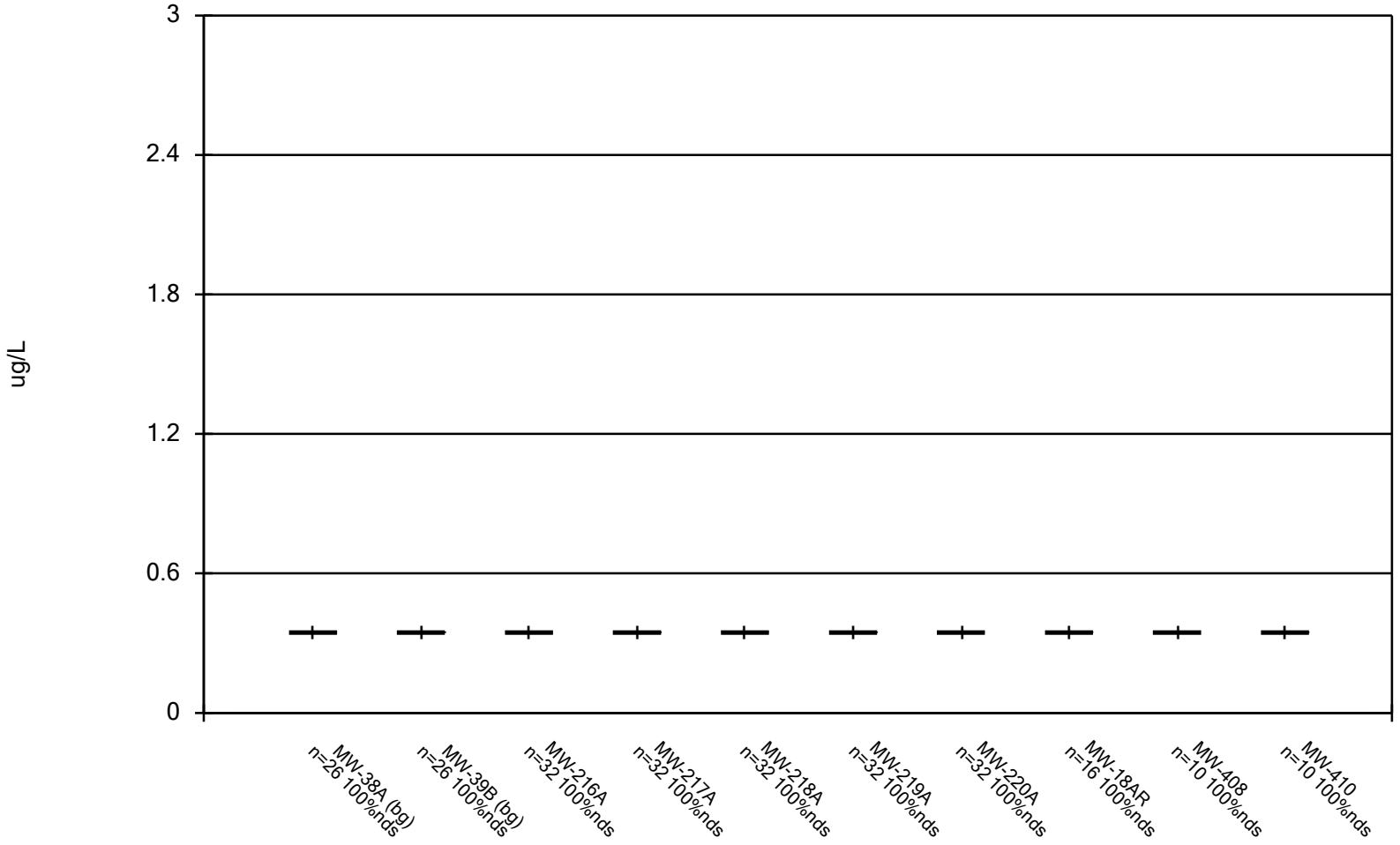
Box & Whiskers Plot



Constituent: Chlorobenzene Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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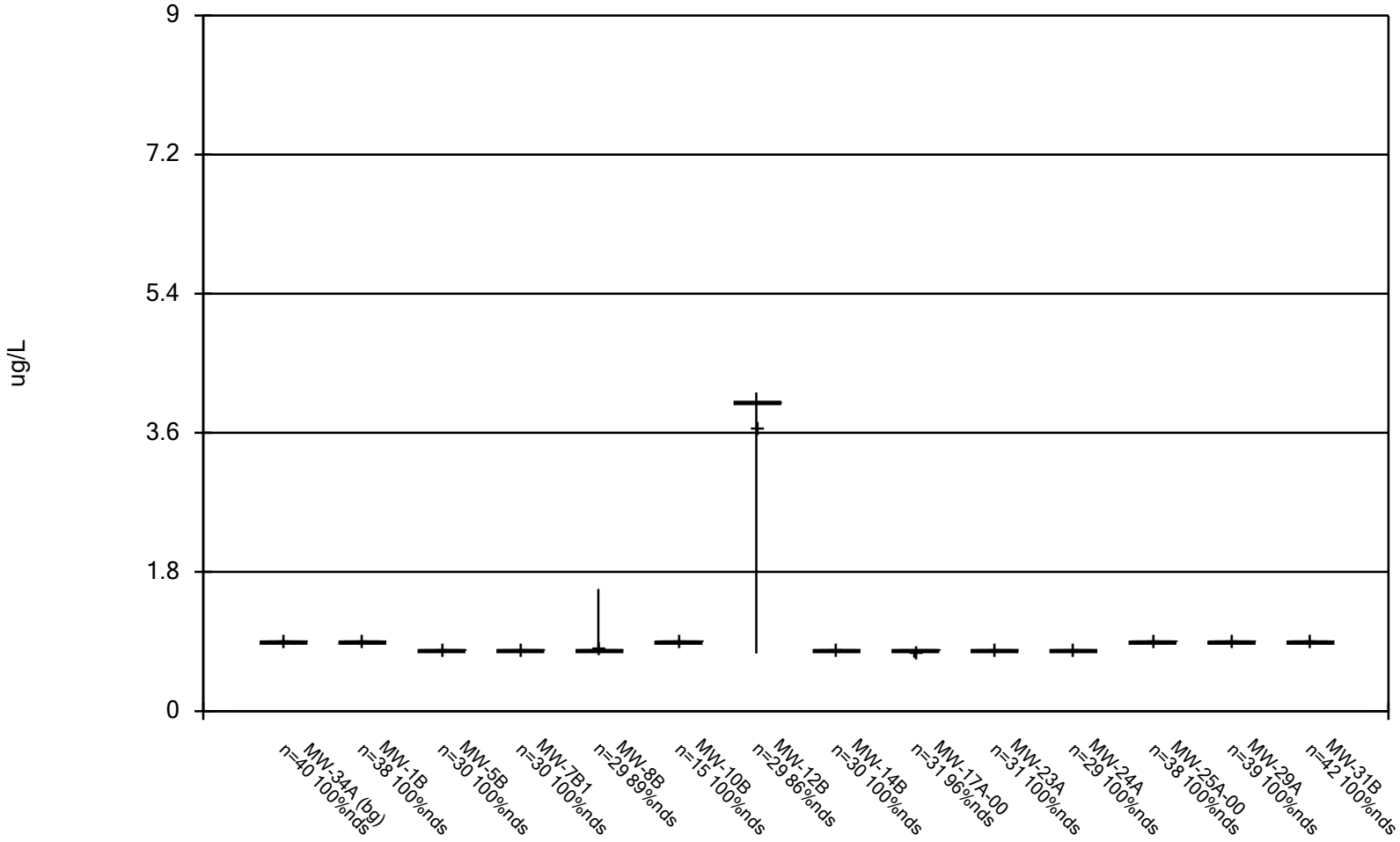
Box & Whiskers Plot



Constituent: Chloroethane Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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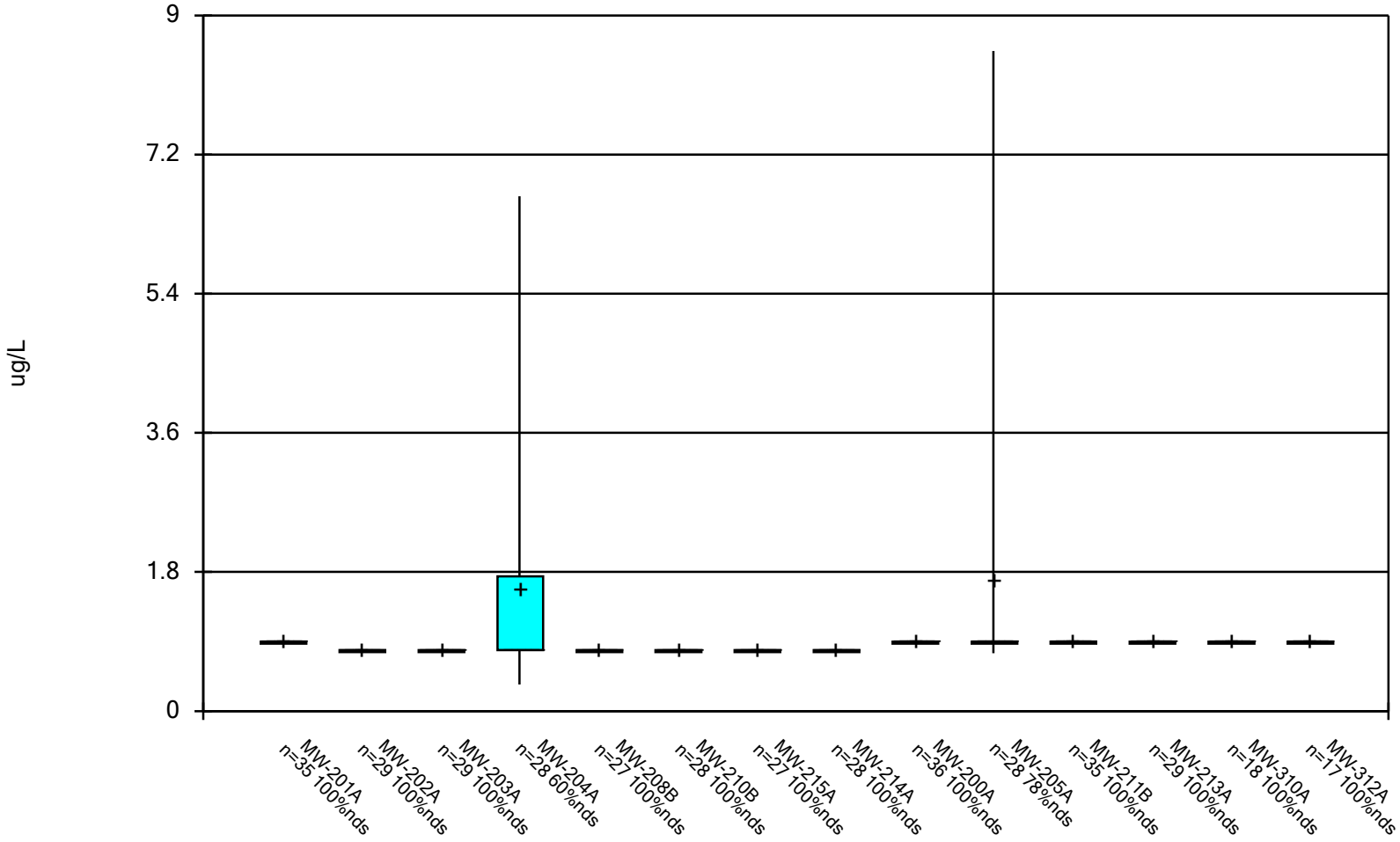
Box & Whiskers Plot



Constituent: Chloroethane Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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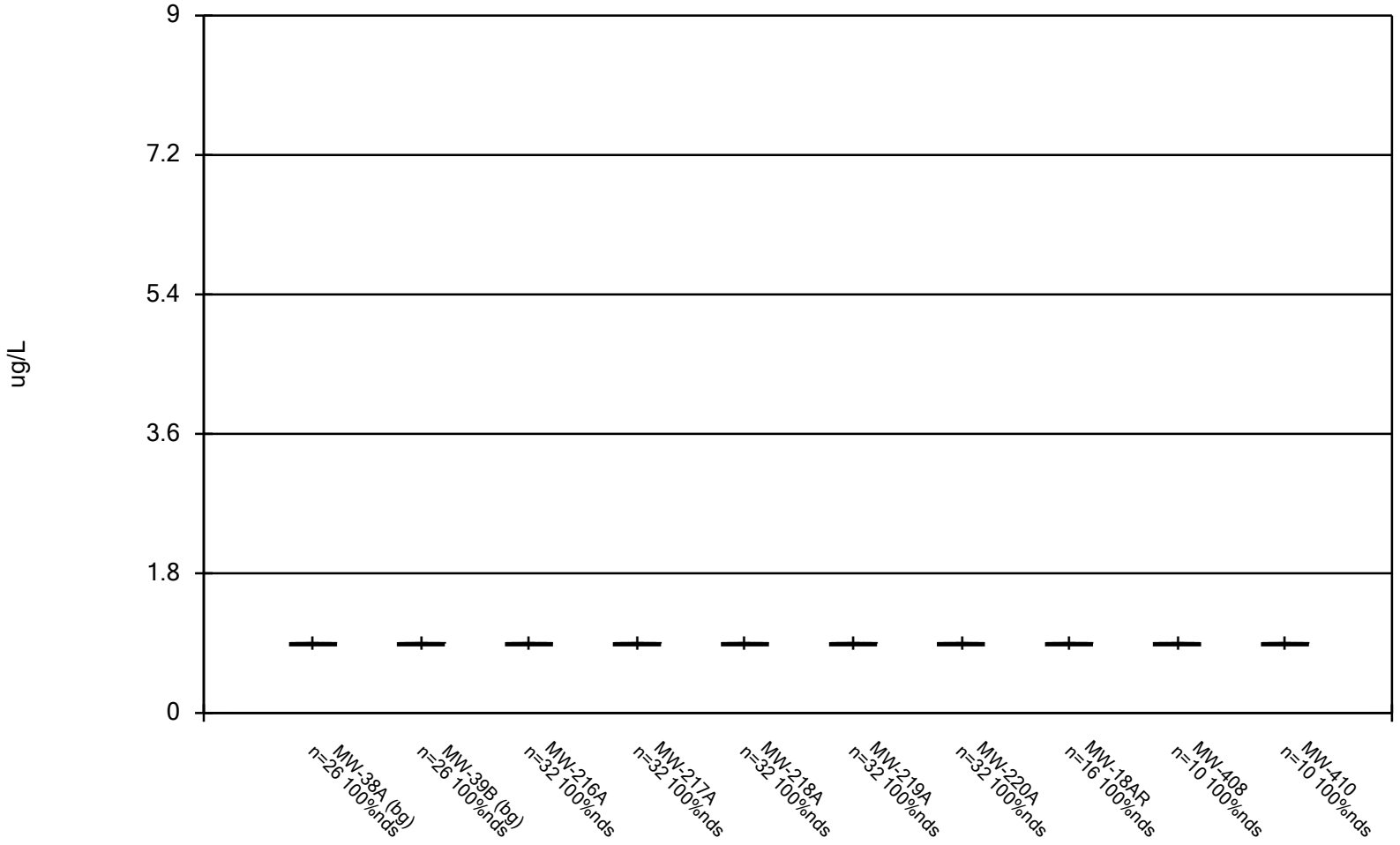

Constituent: Chloroethane Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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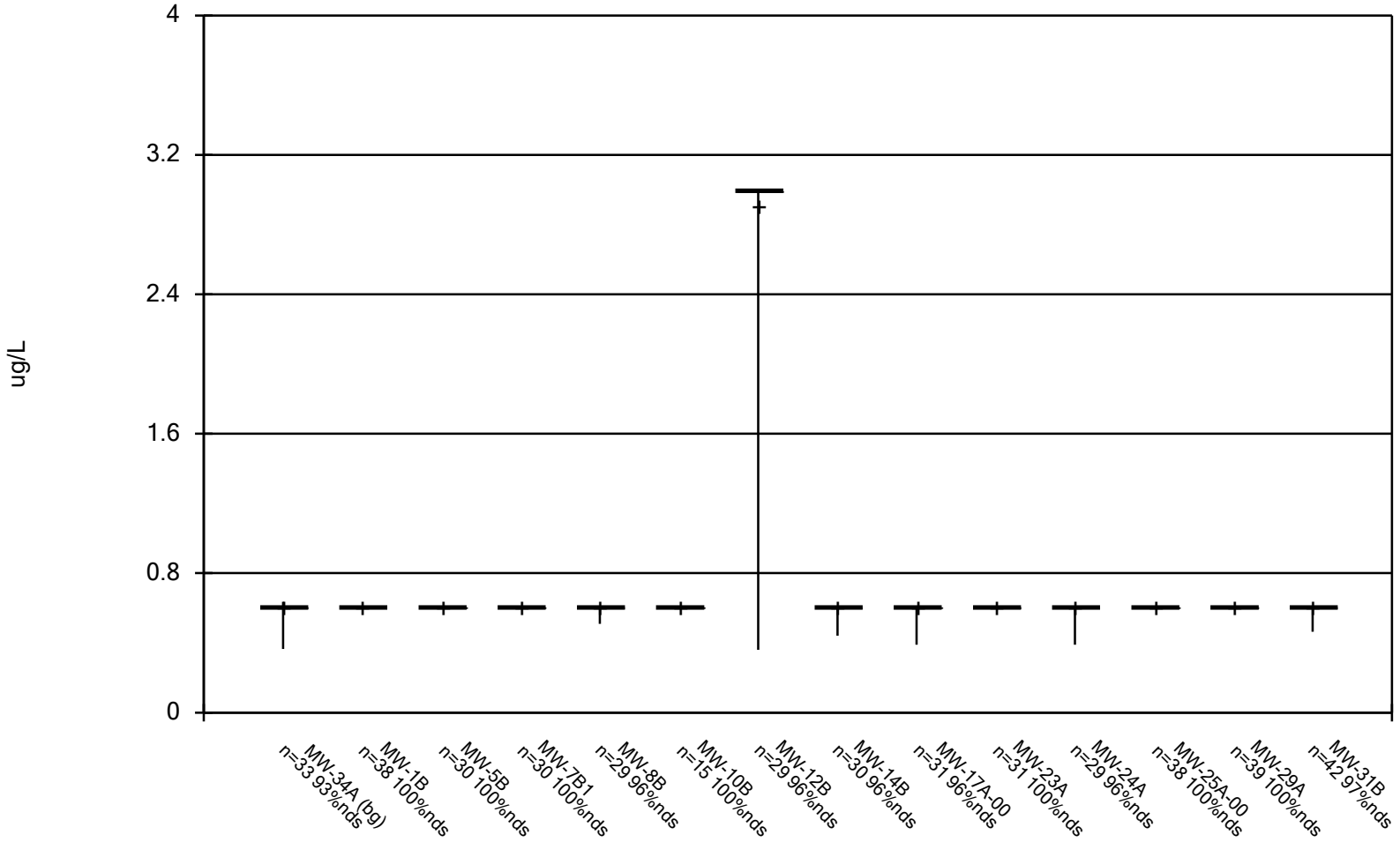

Constituent: Chloromethane Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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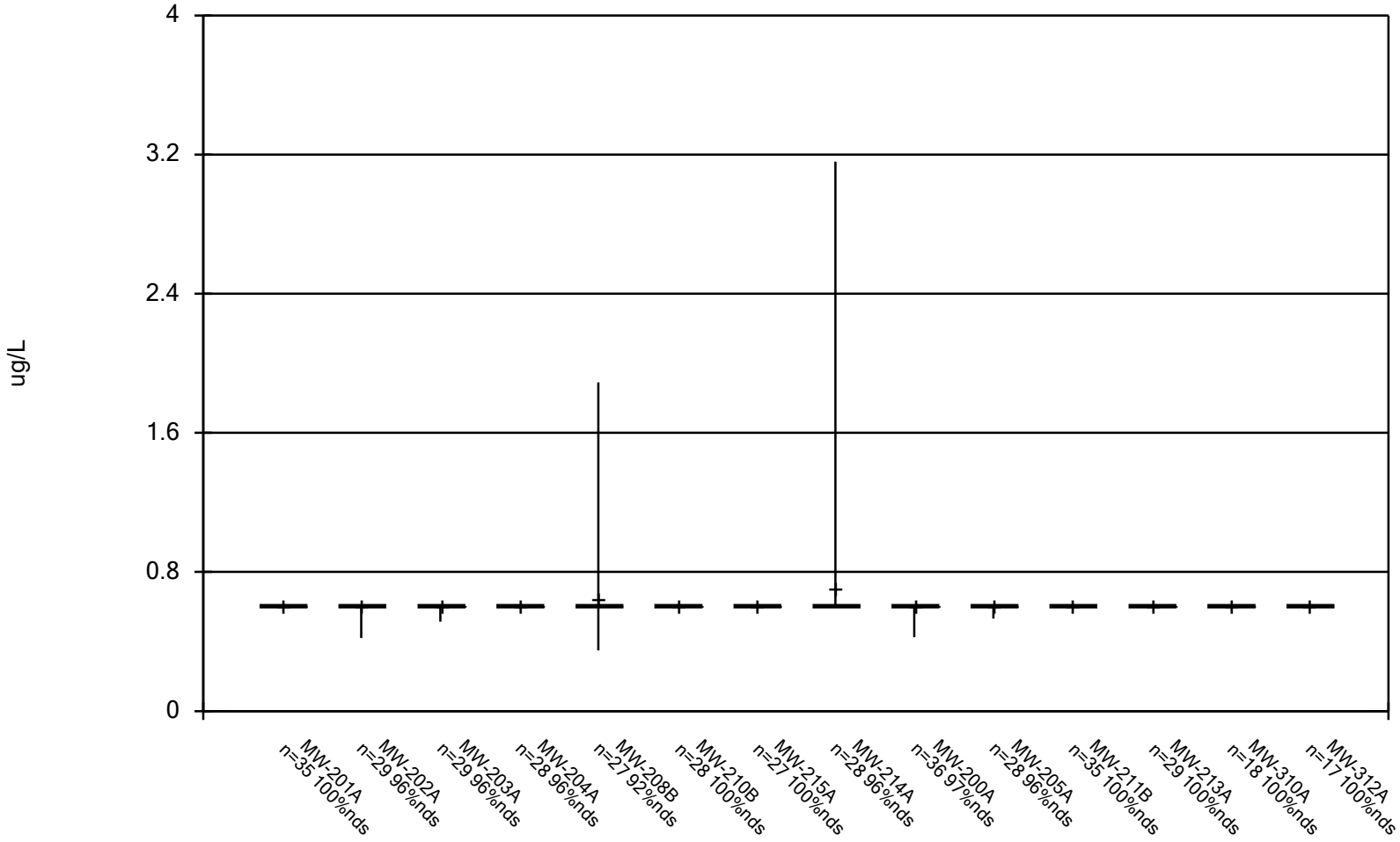
Box & Whiskers Plot



Constituent: Chloromethane Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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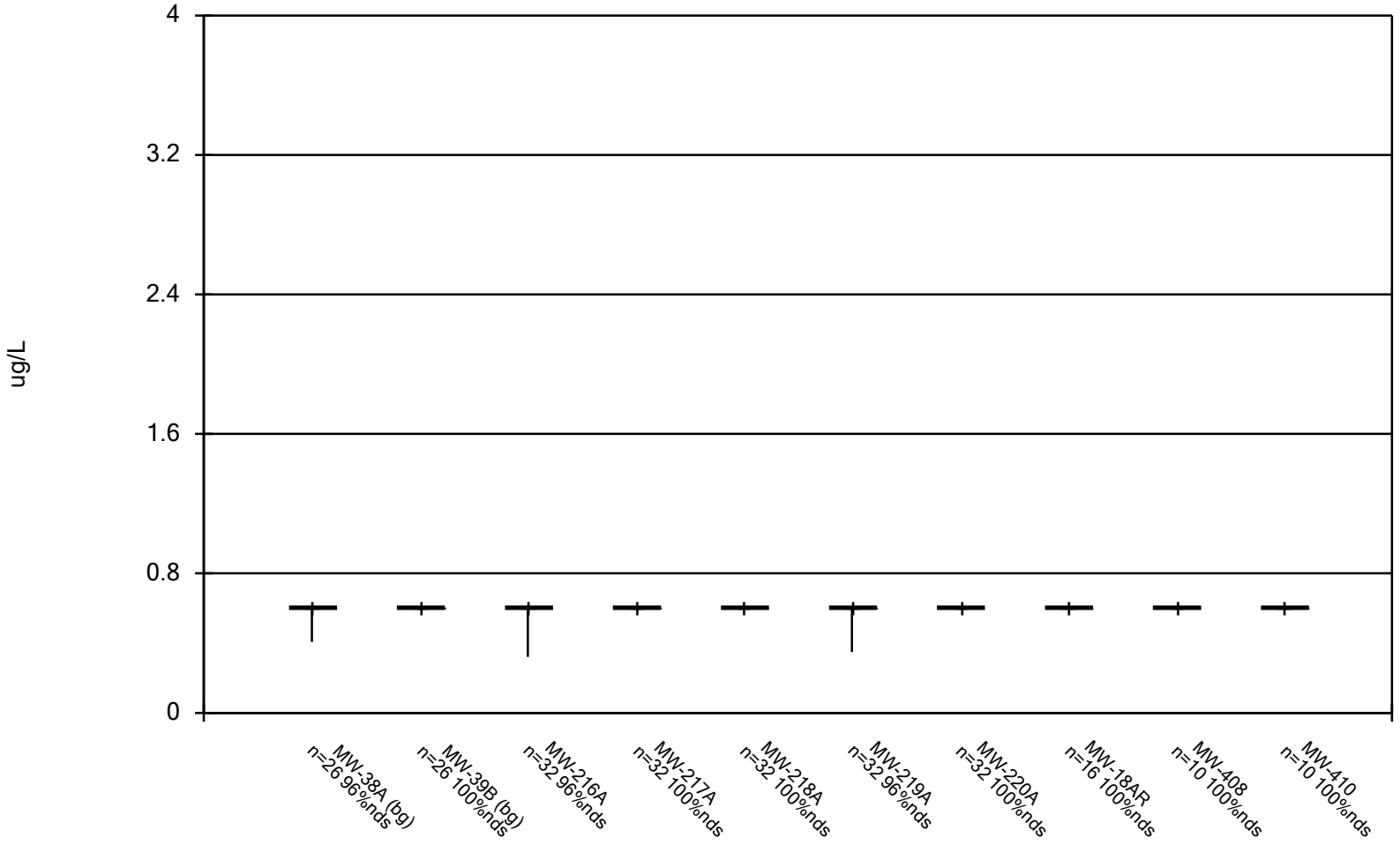
Box & Whiskers Plot



Constituent: Chloromethane Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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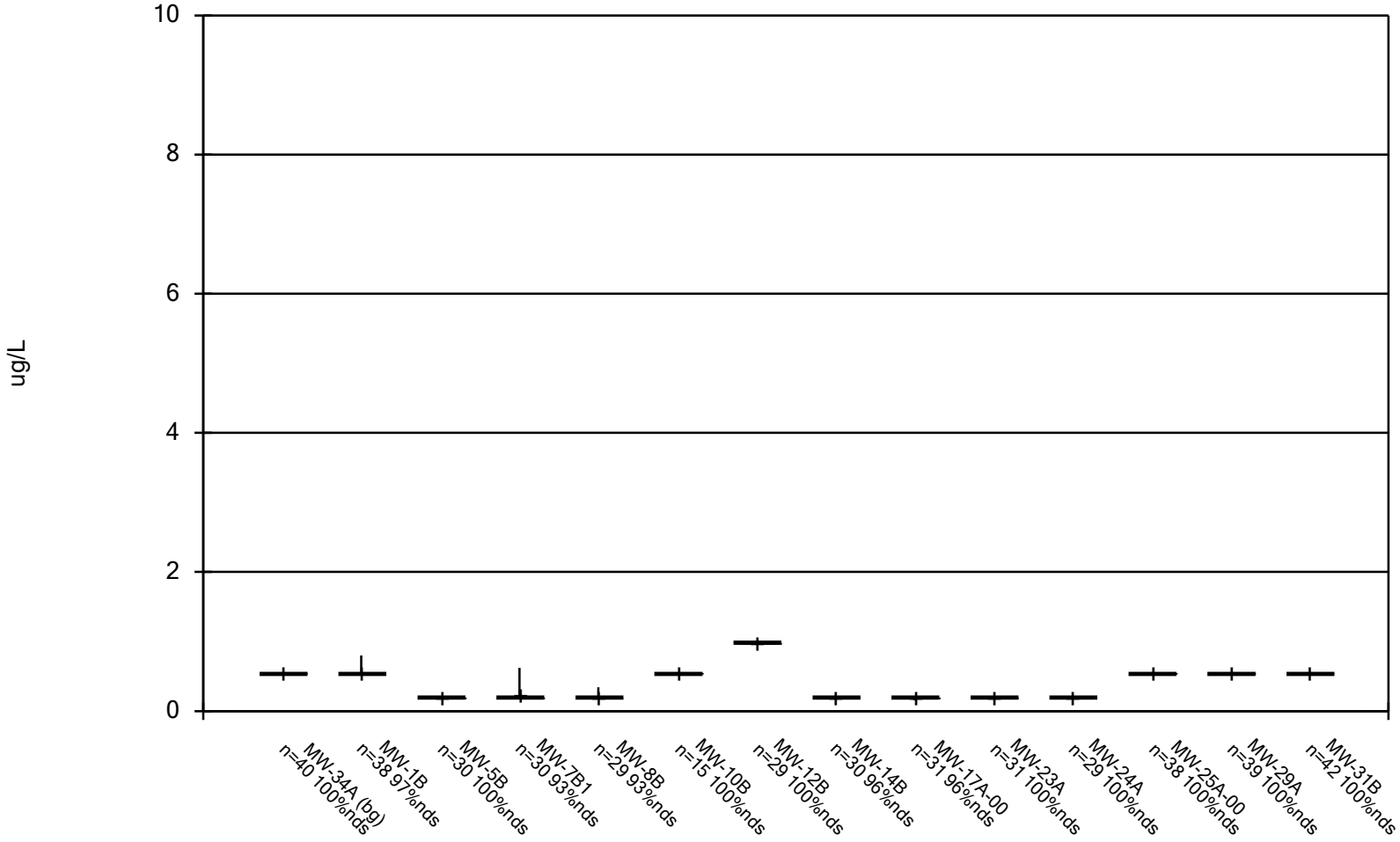
Box & Whiskers Plot



Constituent: cis-1,2-Dichloroethene Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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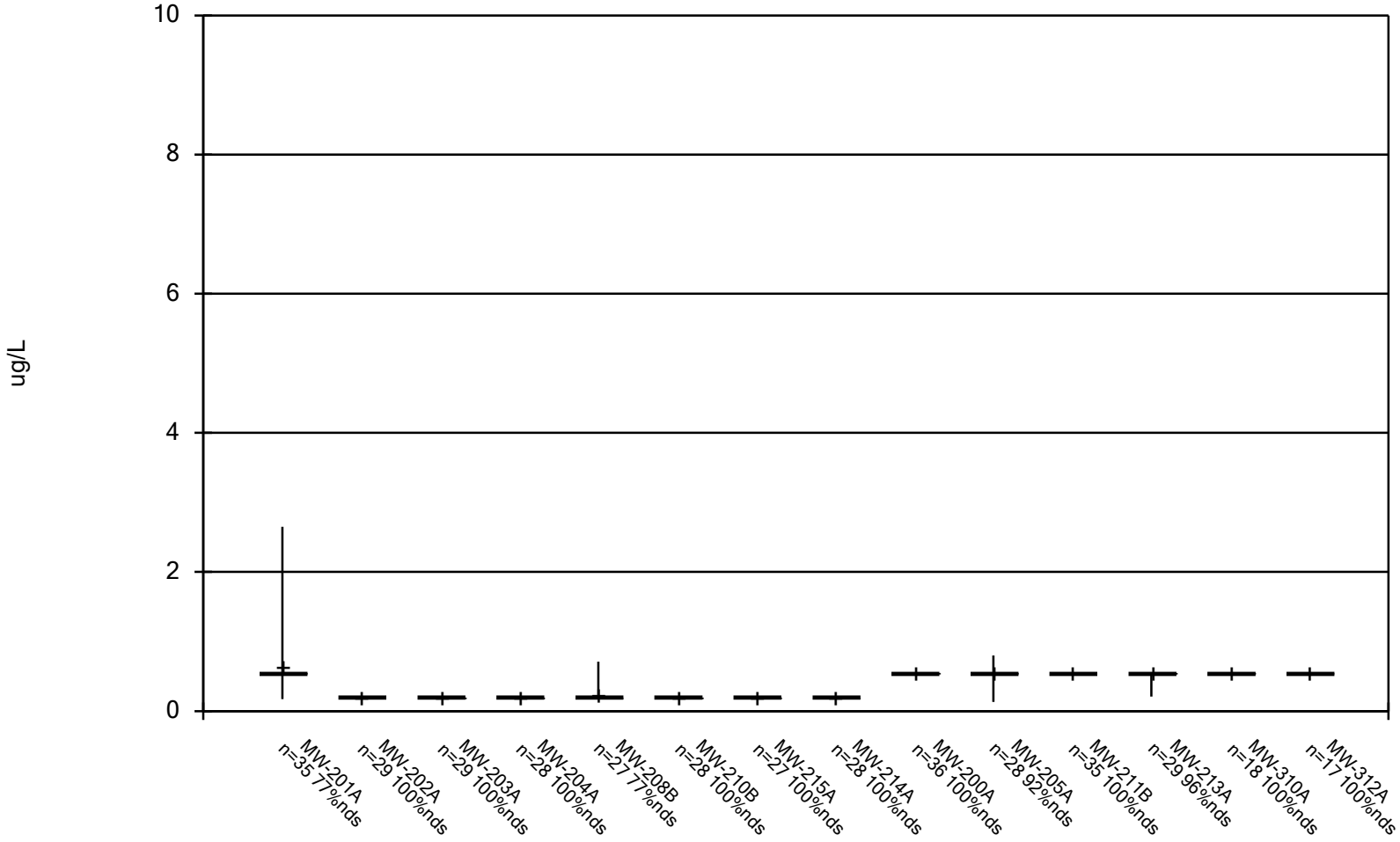
Box & Whiskers Plot

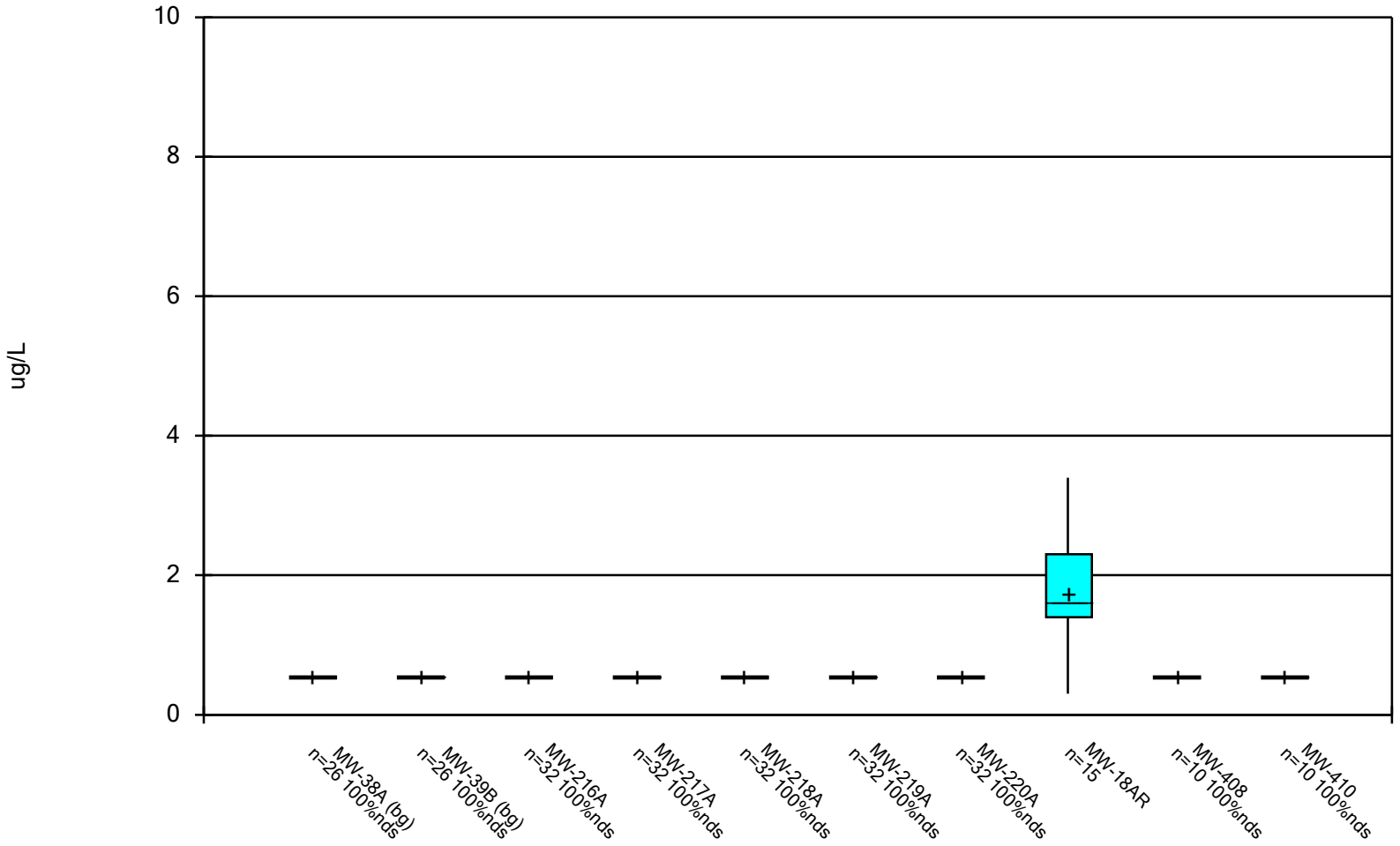


Constituent: cis-1,2-Dichloroethene Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: cis-1,2-Dichloroethene Analysis Run 7/8/2026 10:19 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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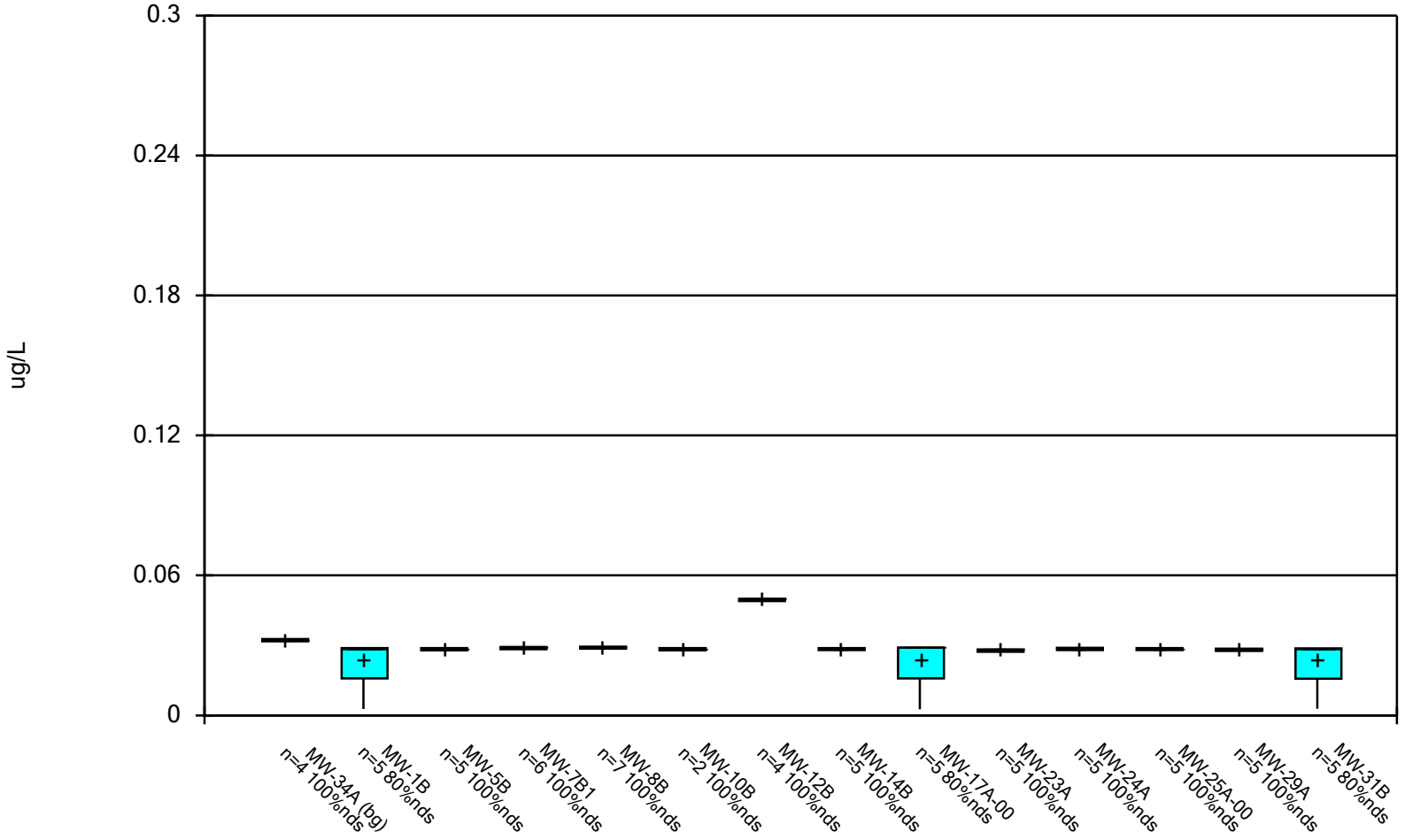
Box & Whiskers Plot



Constituent: Delta-BHC Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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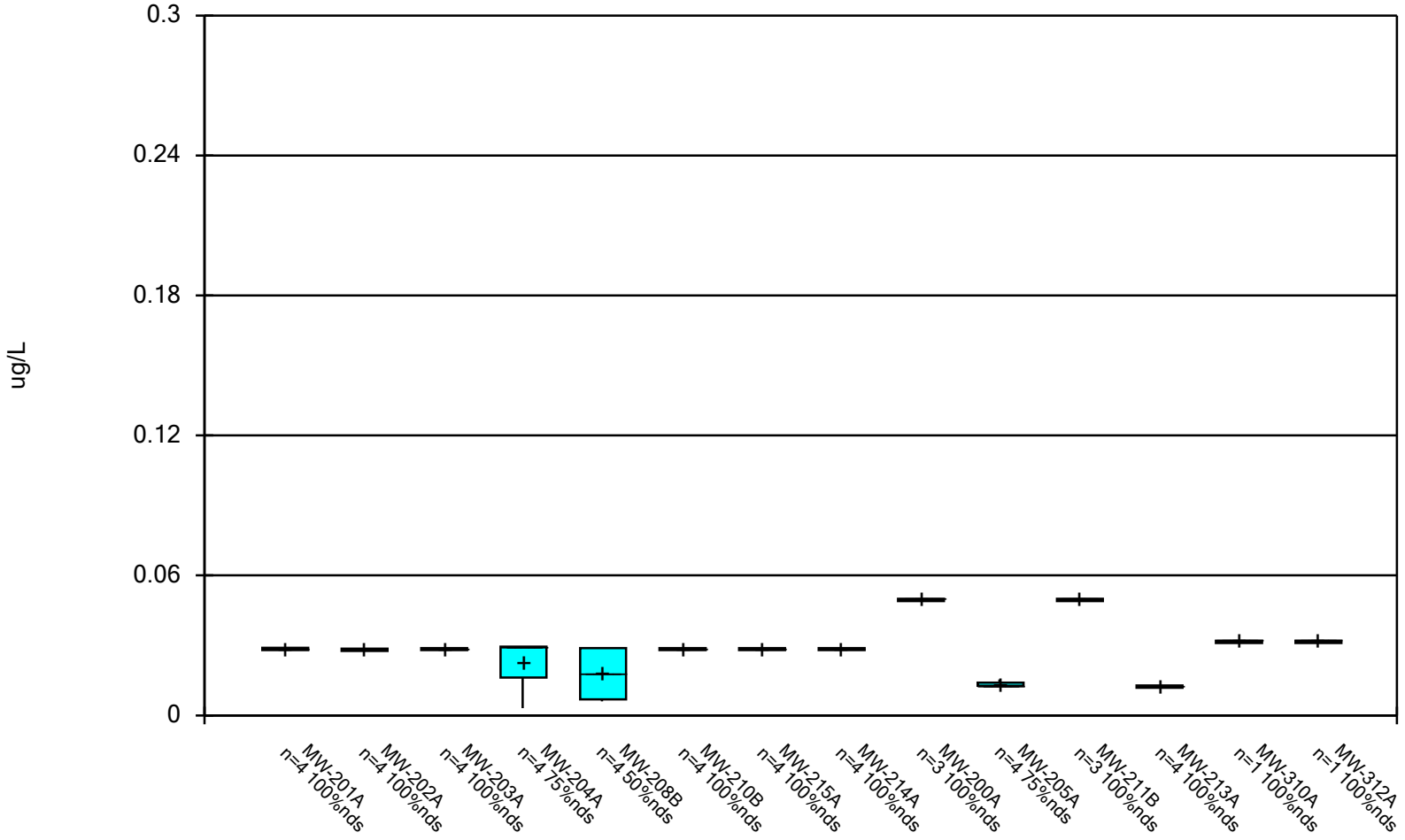
Box & Whiskers Plot

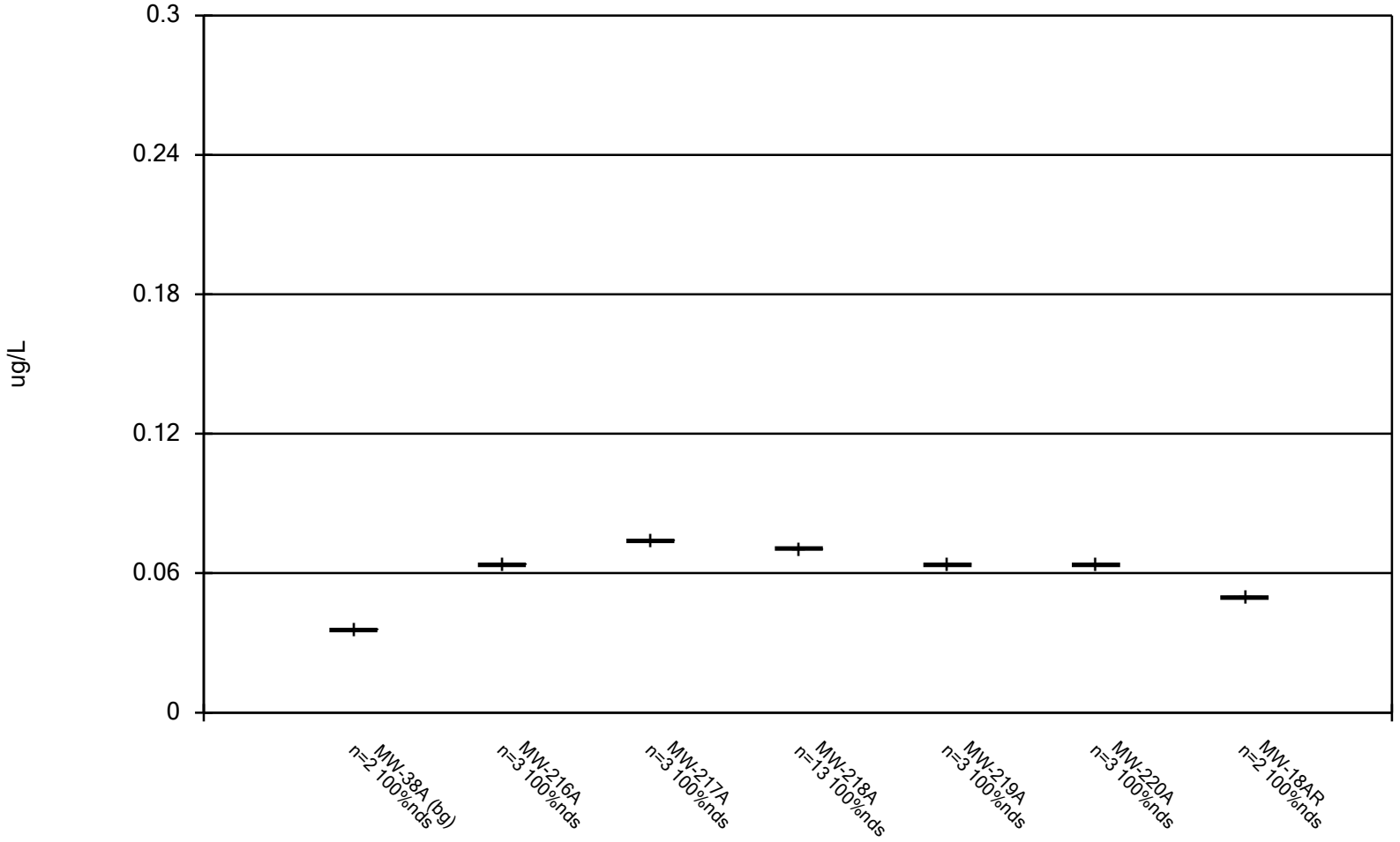


Constituent: Delta-BHC Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Delta-BHC Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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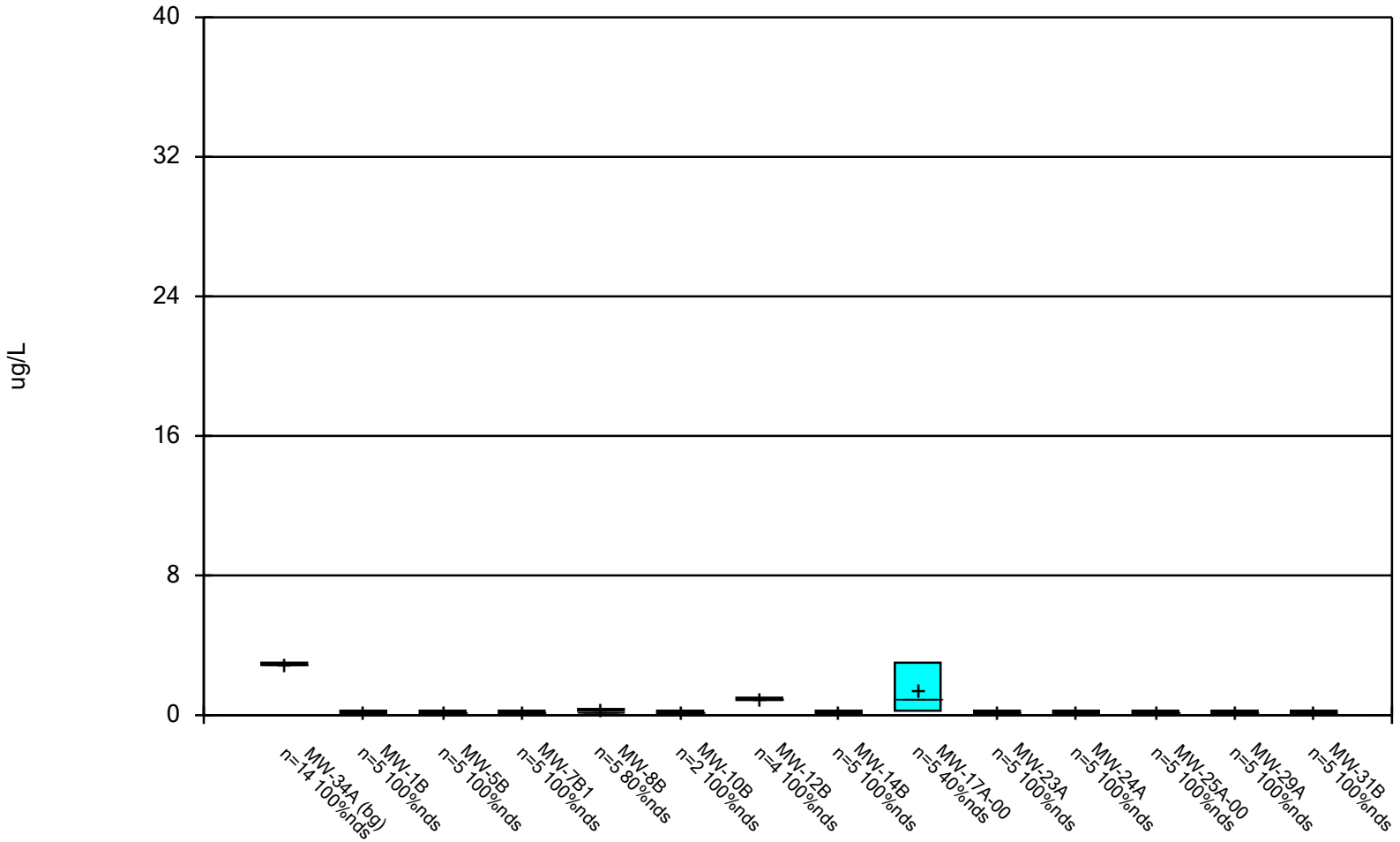
Box & Whiskers Plot



Constituent: Dichlorodifluoromethane Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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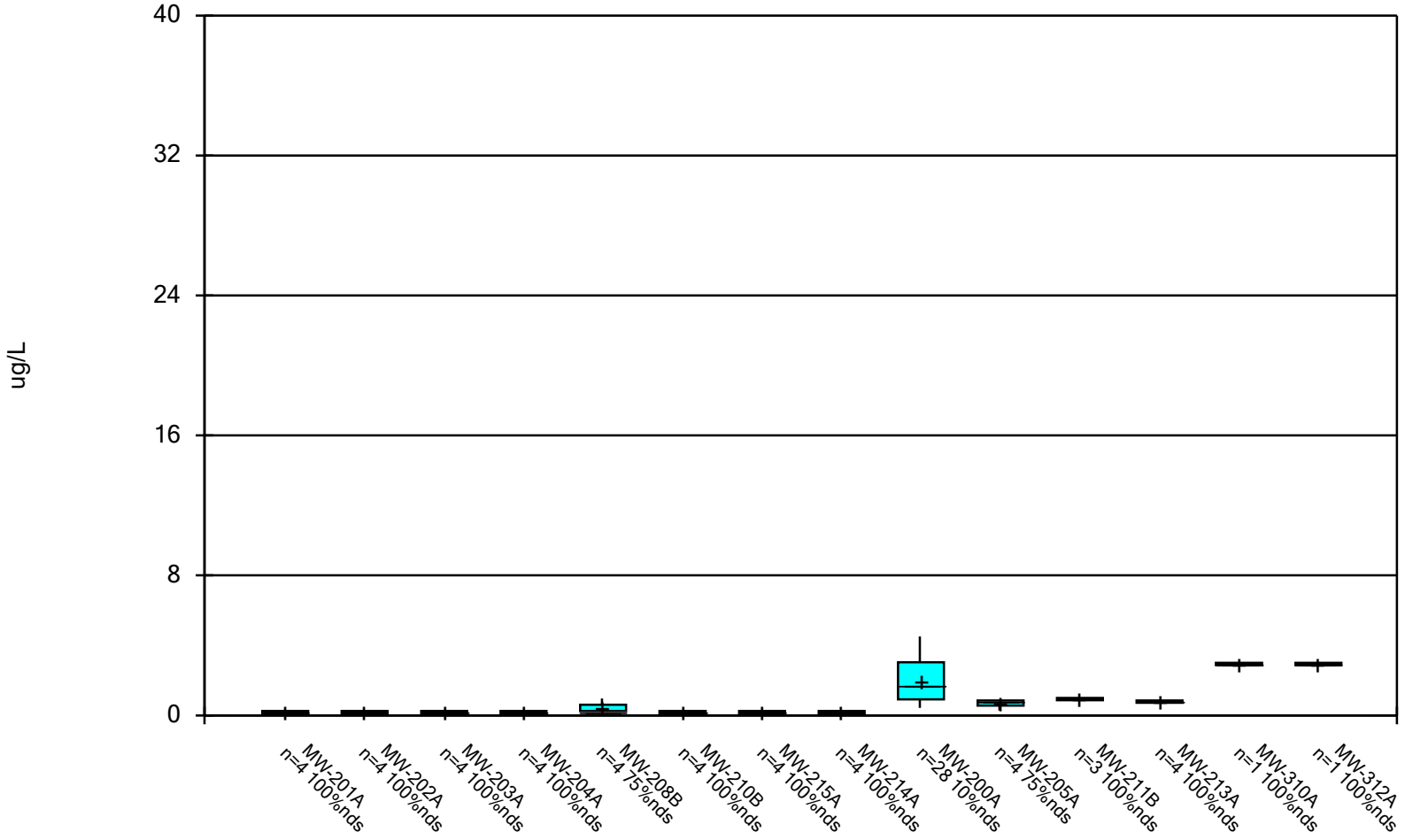
Box & Whiskers Plot

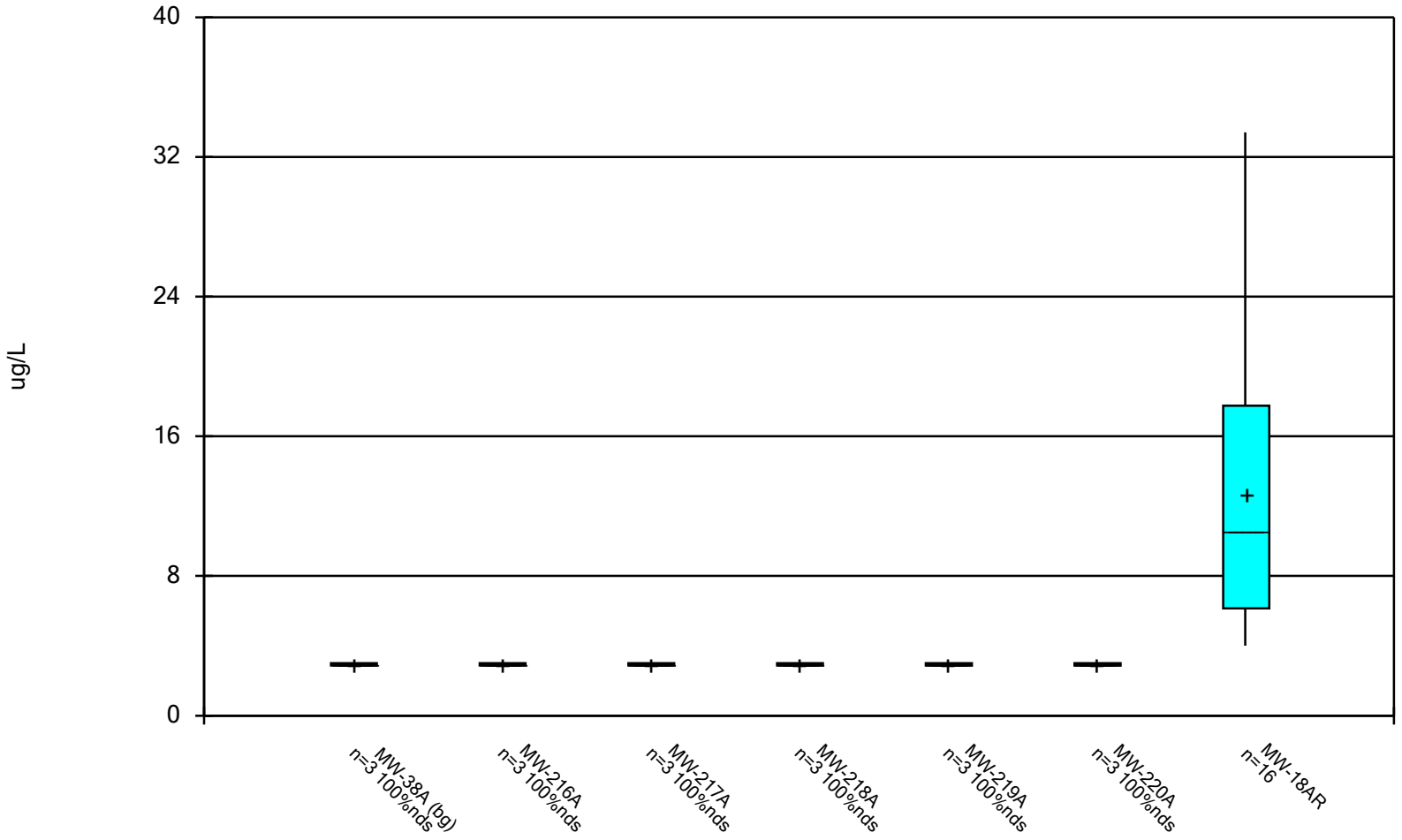


Constituent: Dichlorodifluoromethane Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

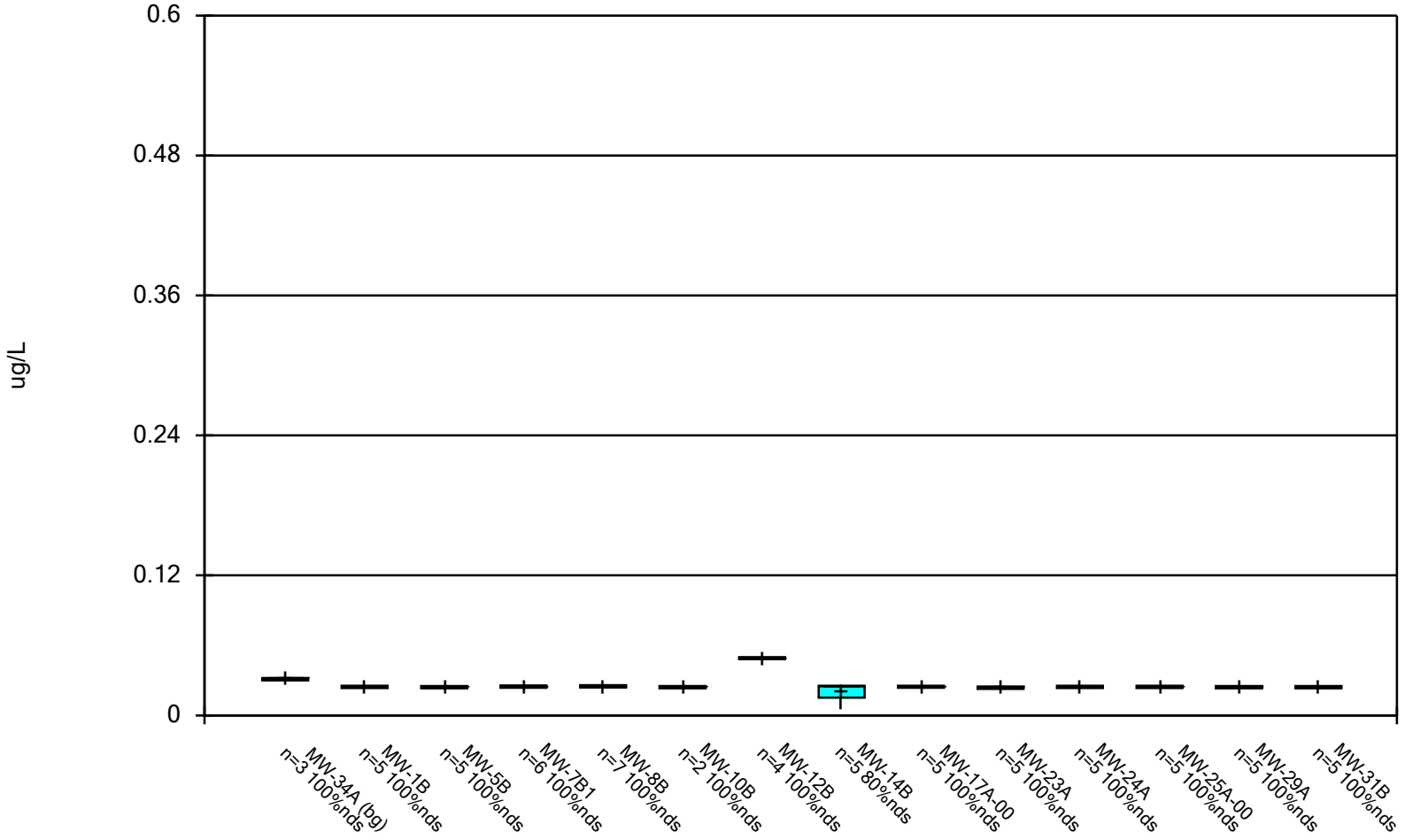


Constituent: Dichlorodifluoromethane Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

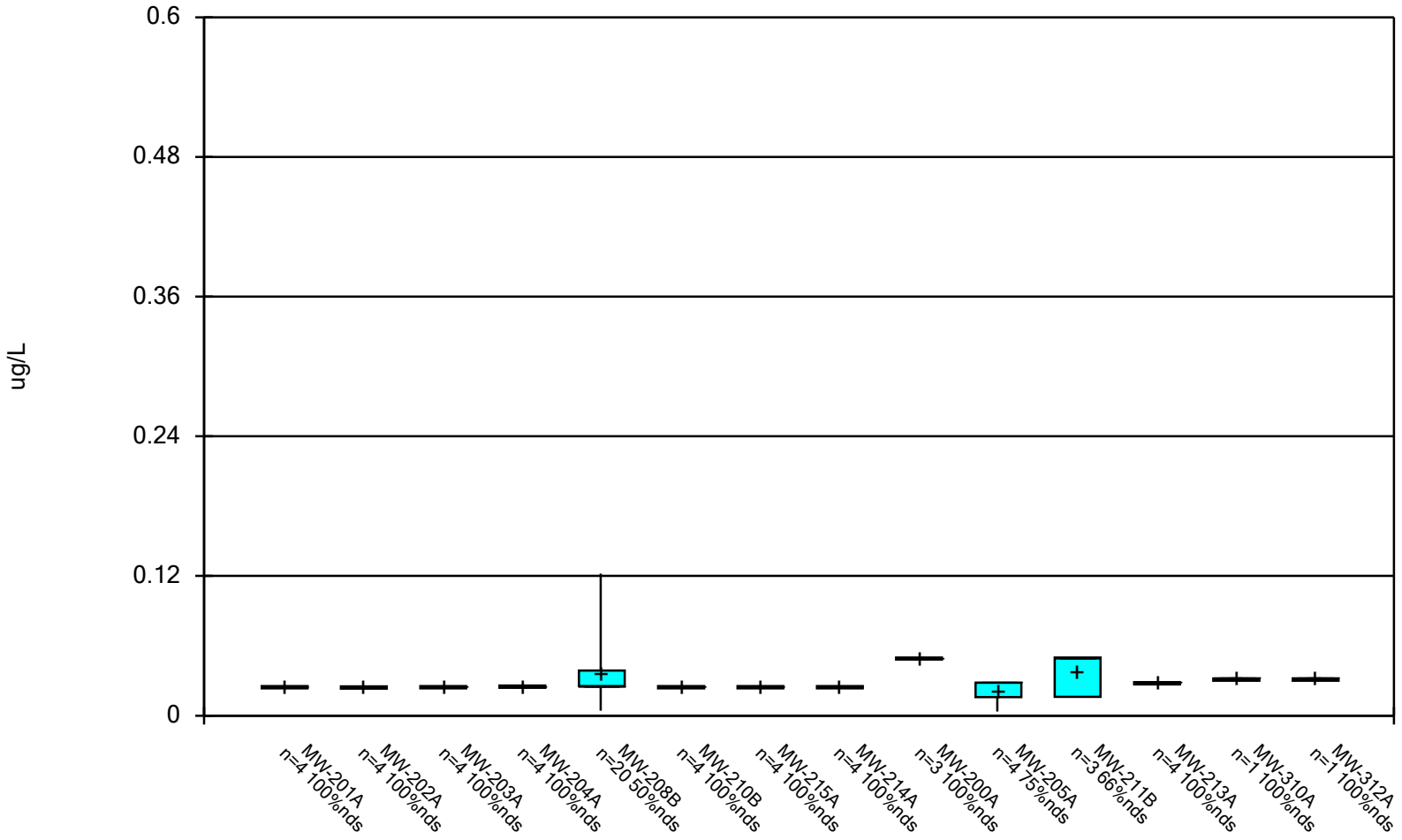


Constituent: Endrin Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Endrin Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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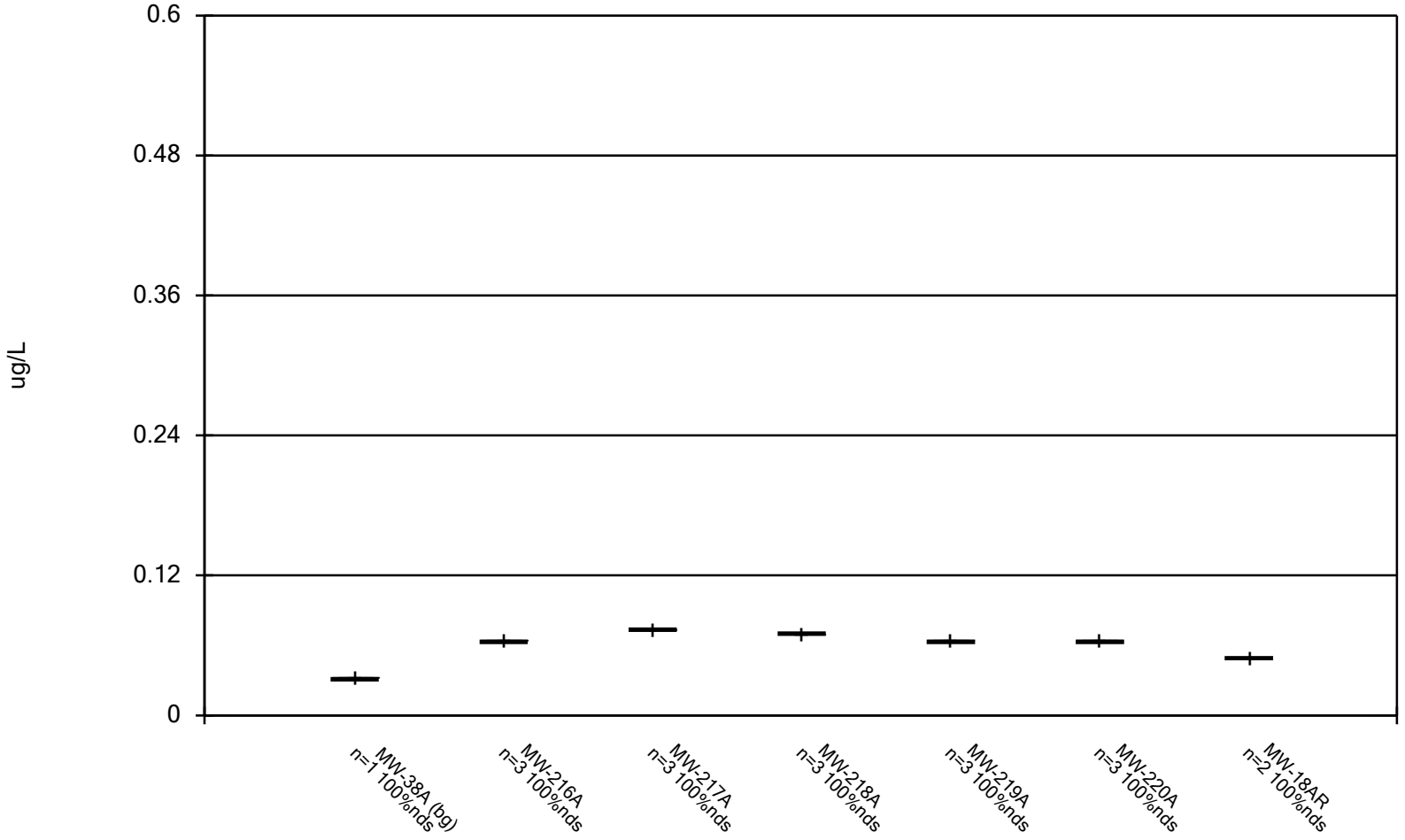
Box & Whiskers Plot

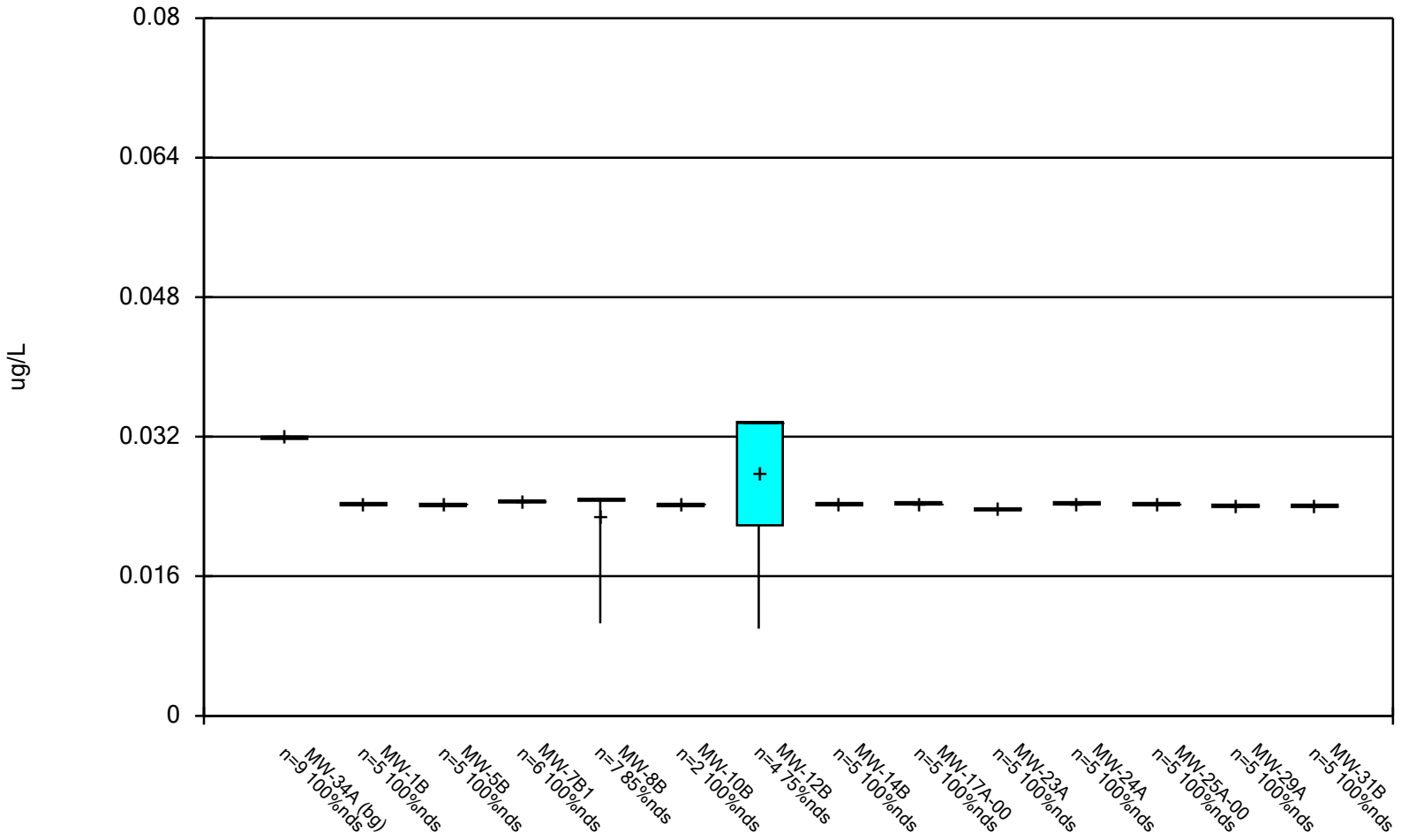


Constituent: Endrin Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

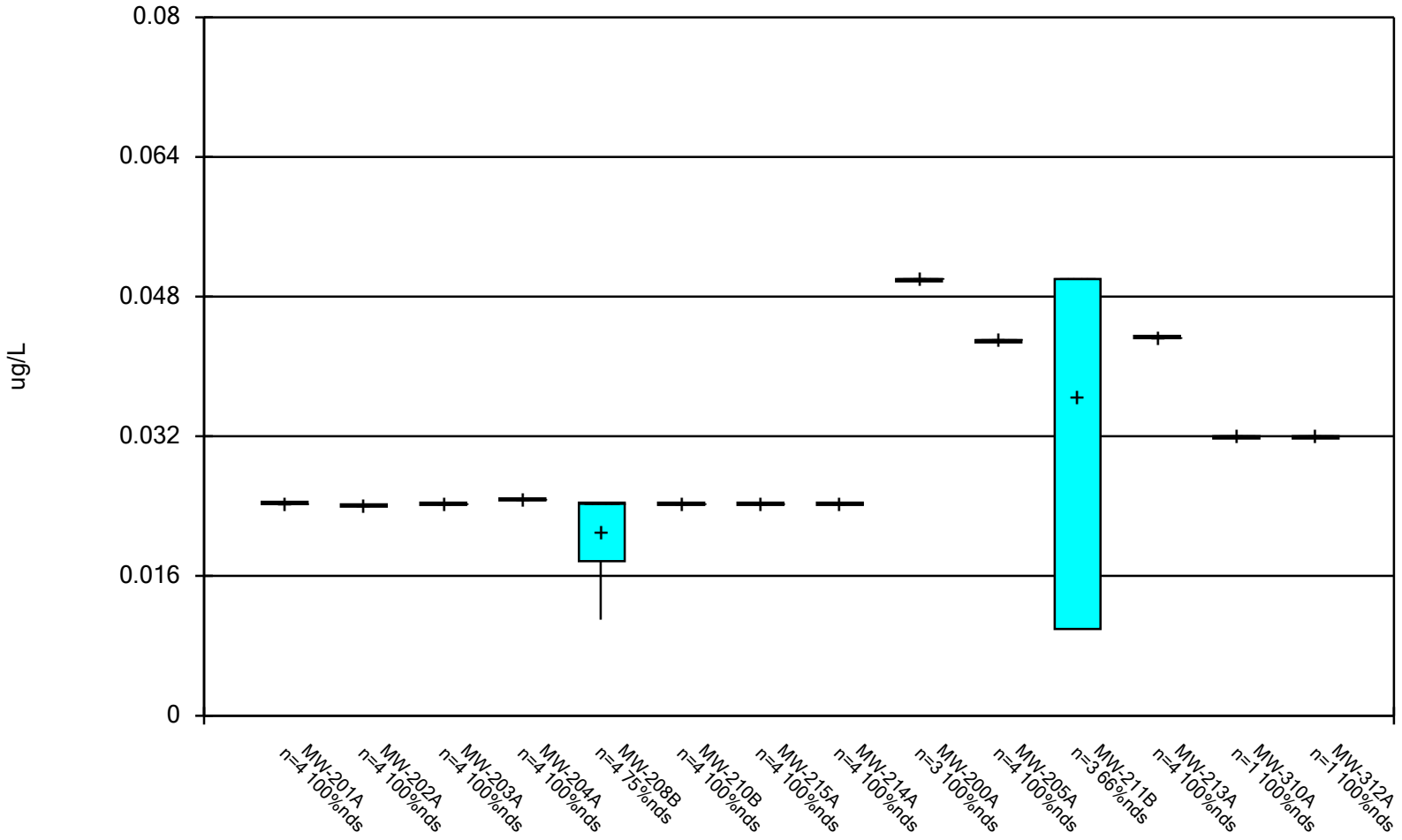


Constituent: Endrin aldehyde Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Endrin aldehyde Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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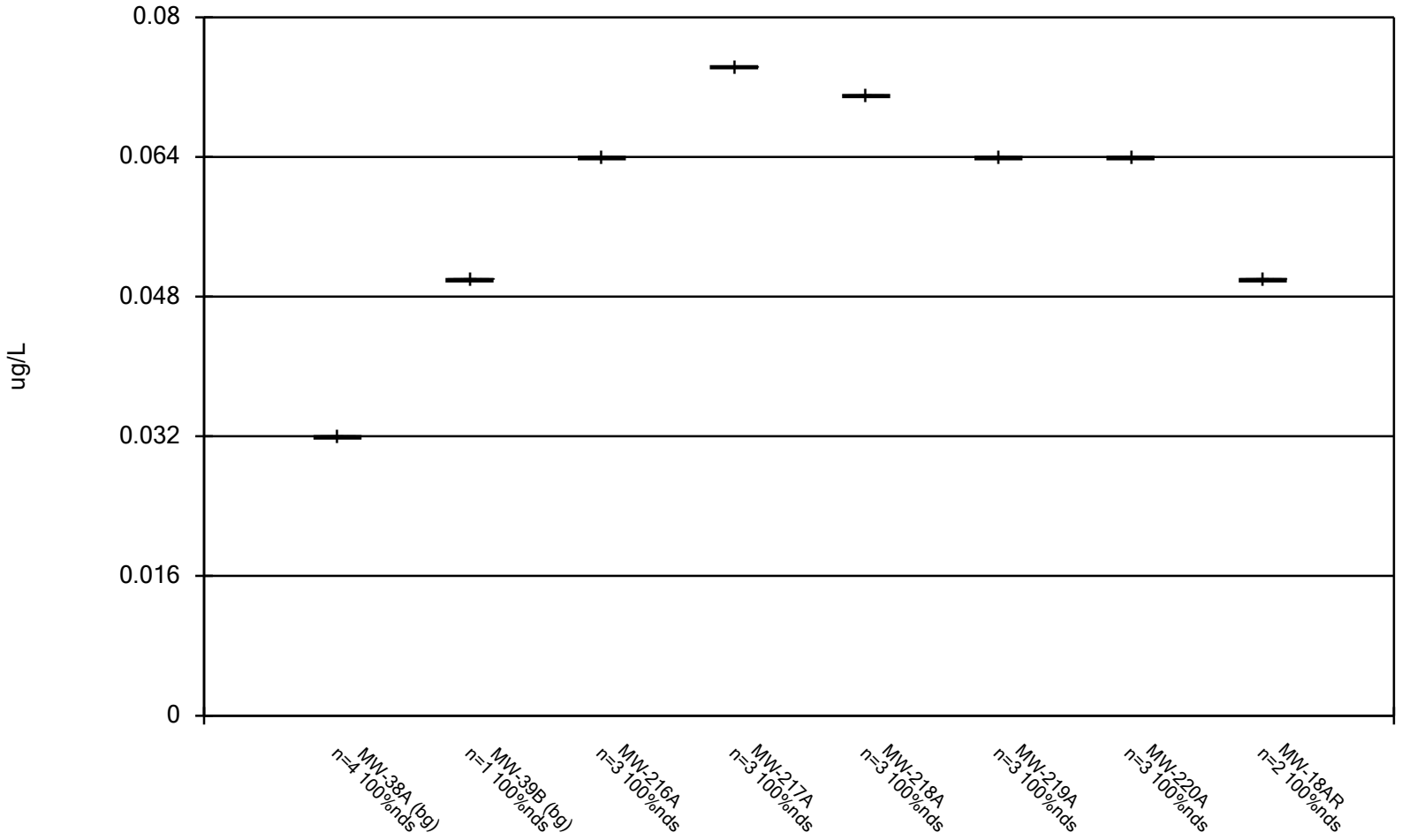
Box & Whiskers Plot

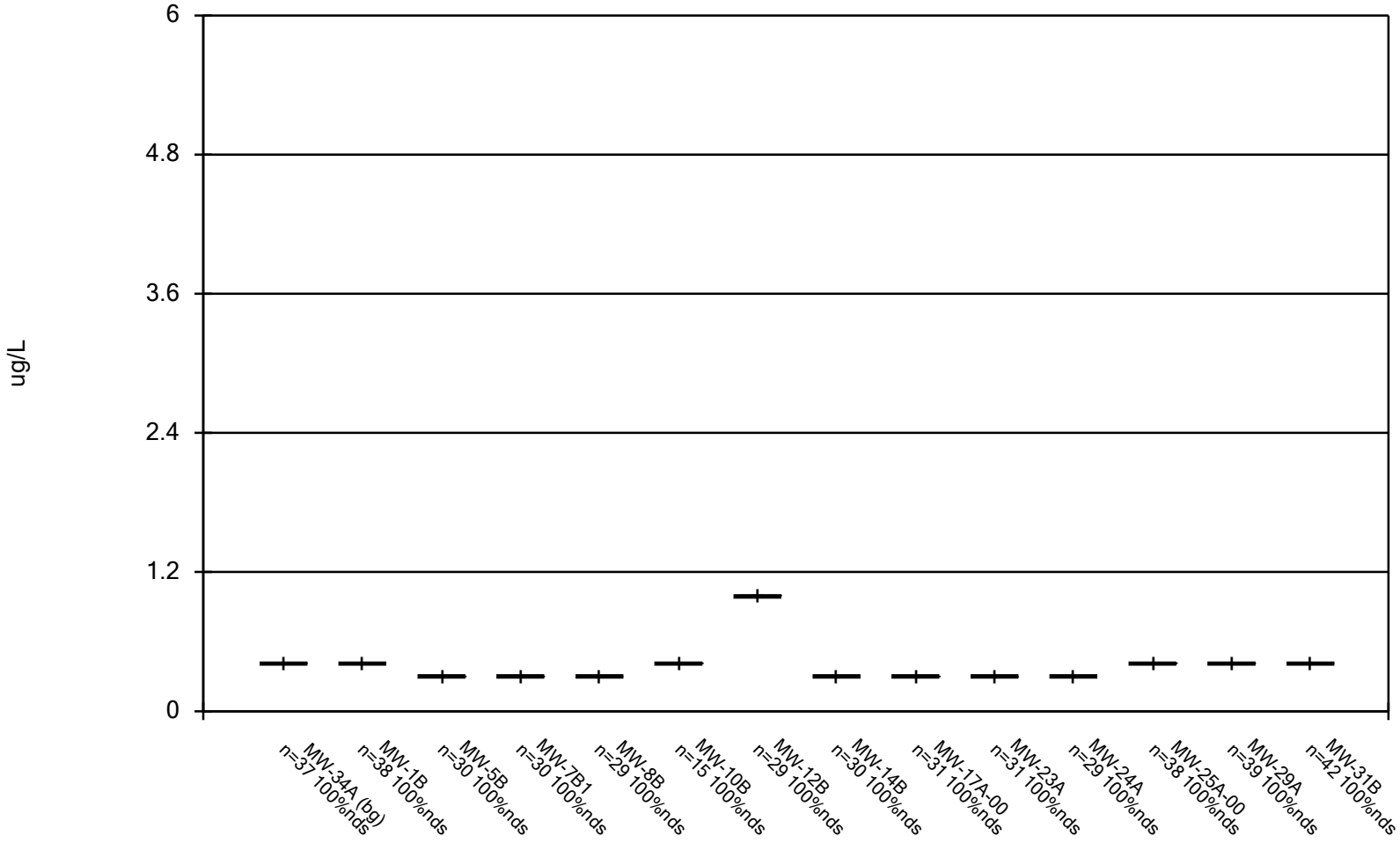


Constituent: Endrin aldehyde Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

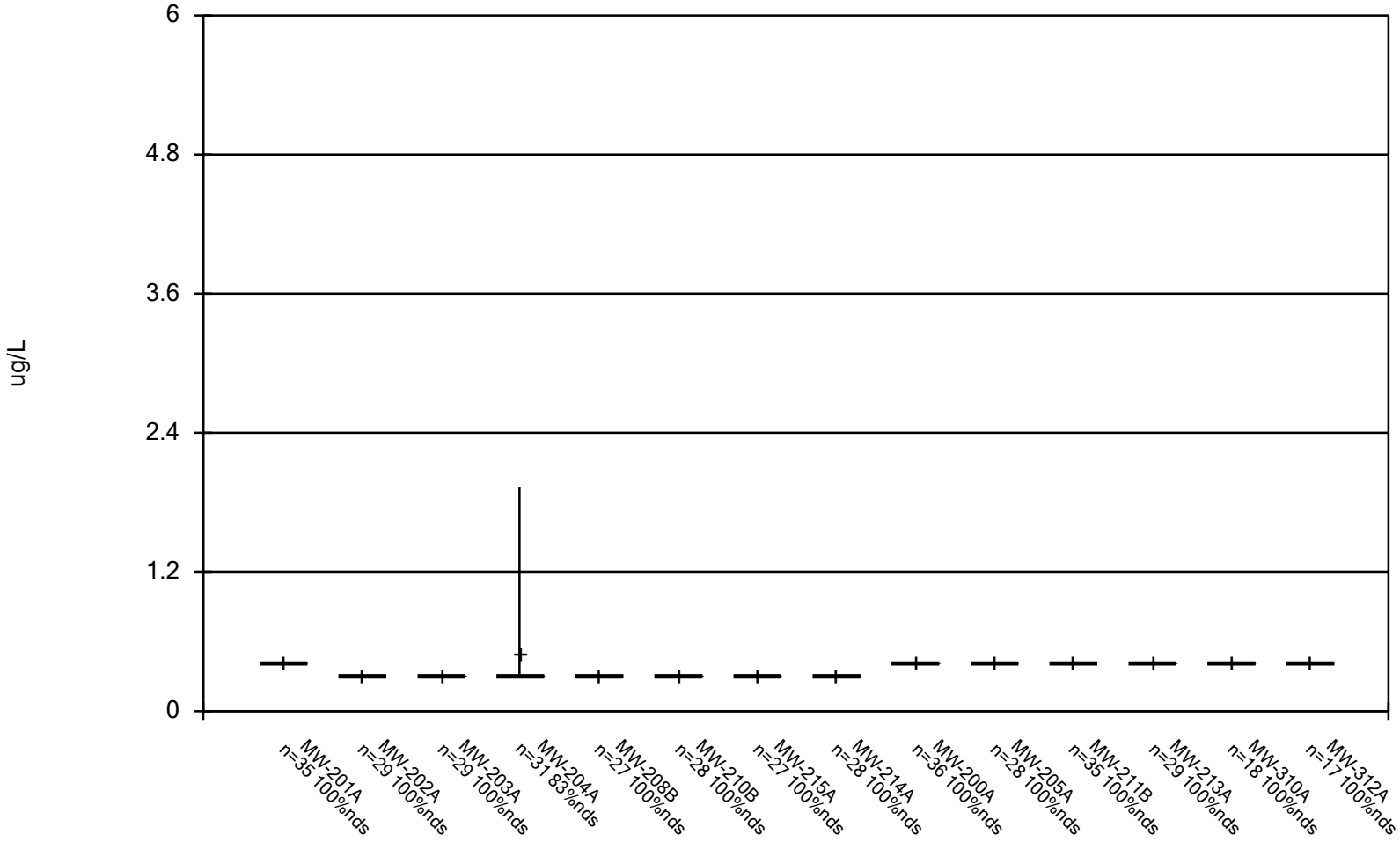


Constituent: Ethylbenzene Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

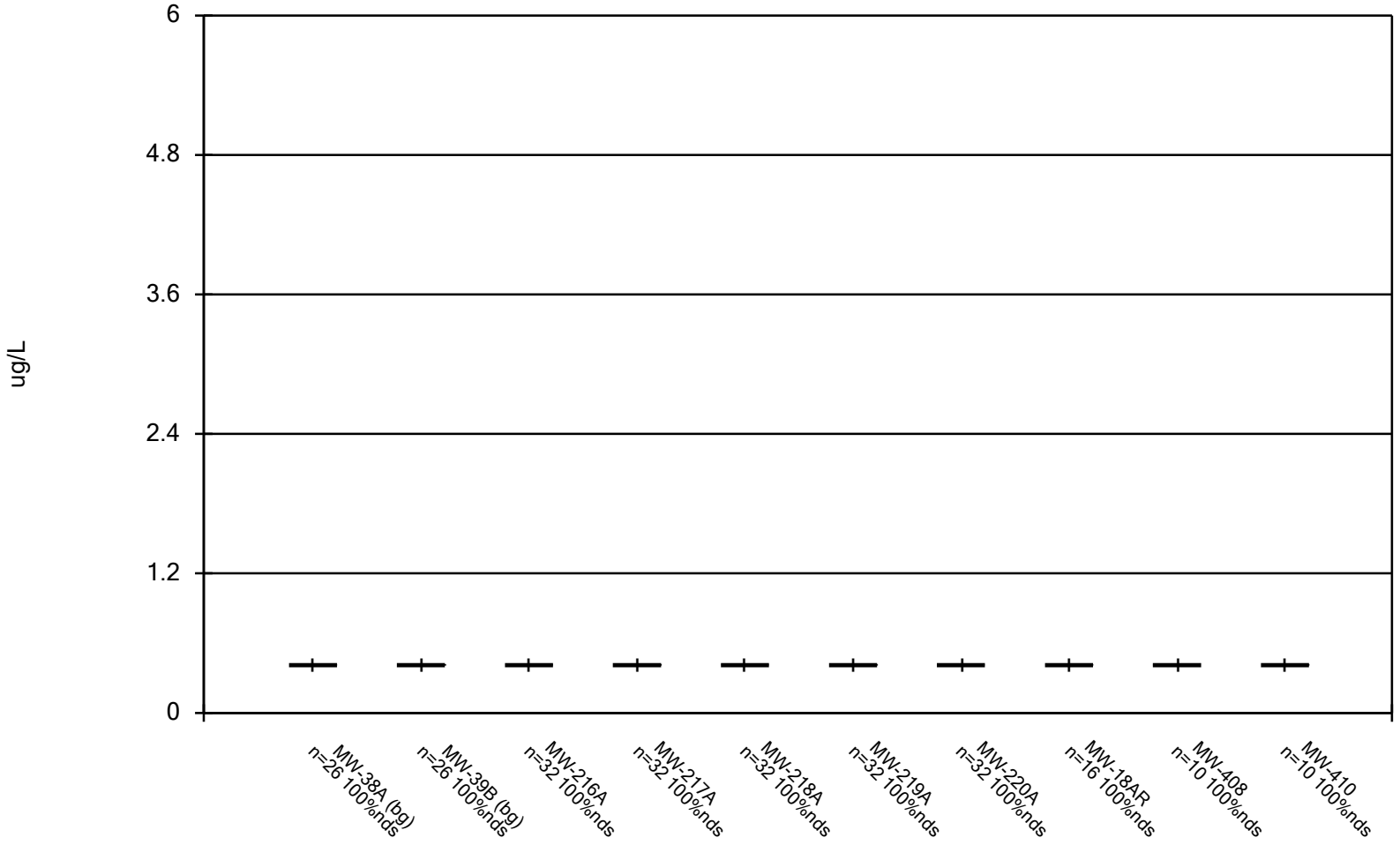


Constituent: Ethylbenzene Analysis Run 7/8/2026 10:20 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

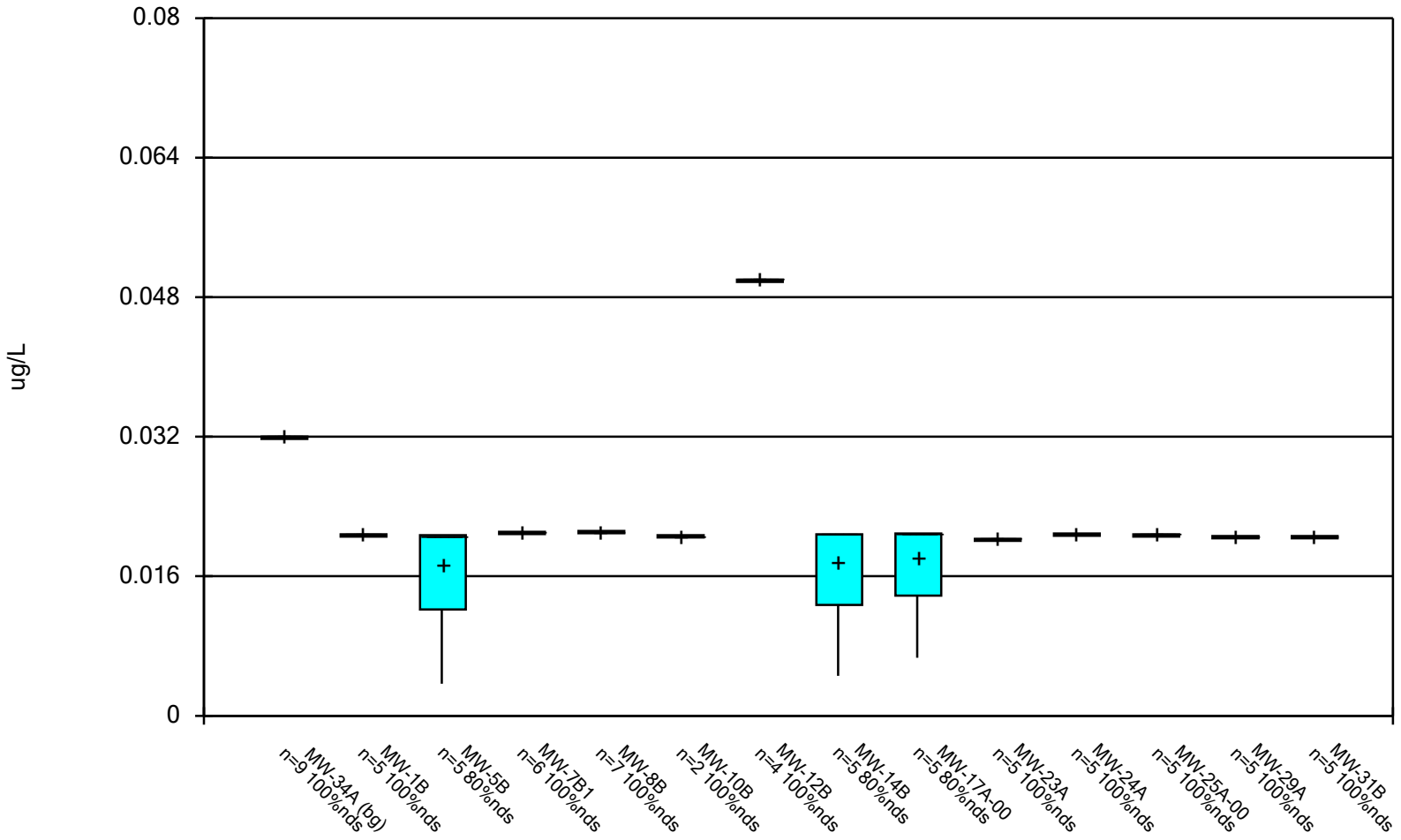


Constituent: Ethylbenzene Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

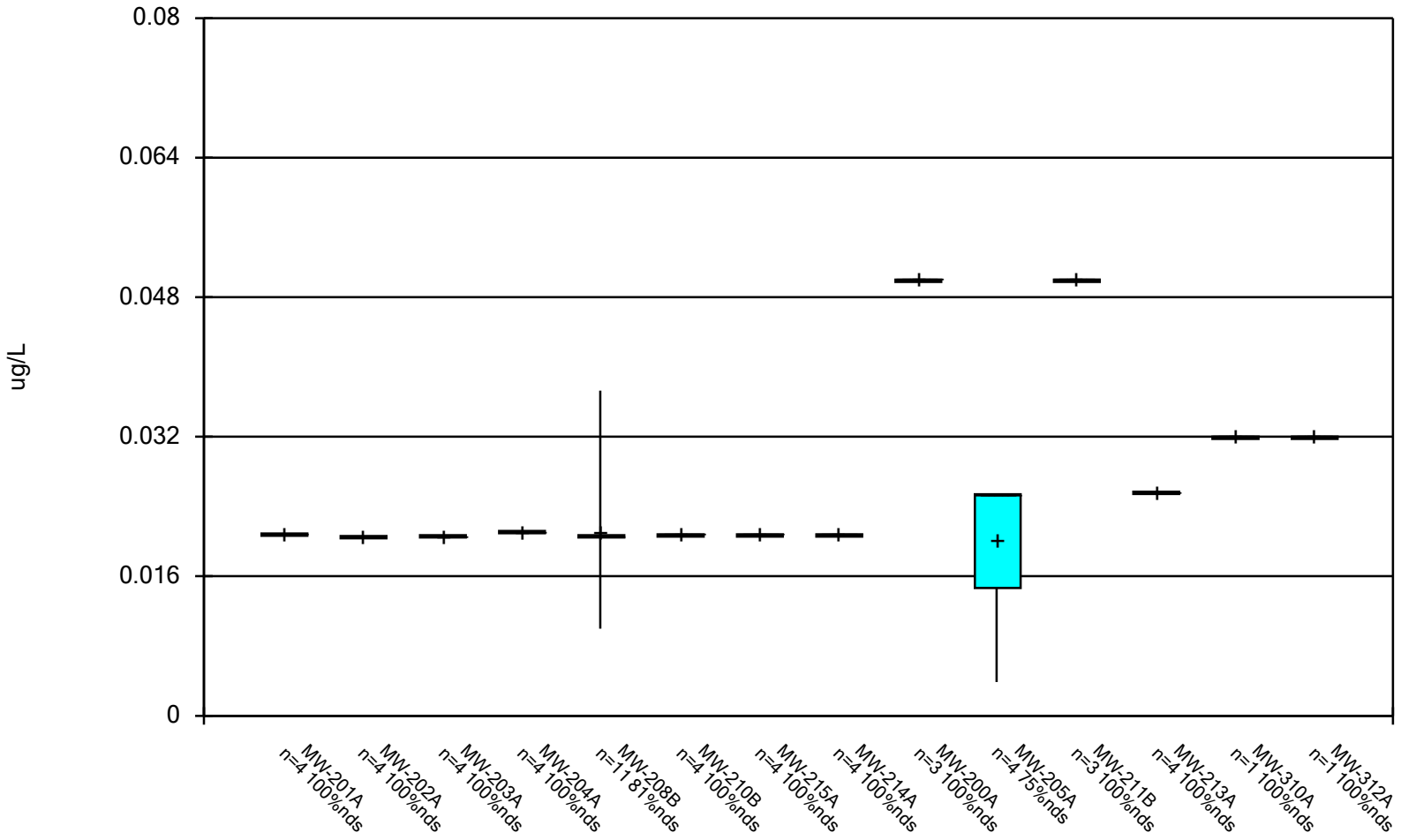


Constituent: Heptachlor Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

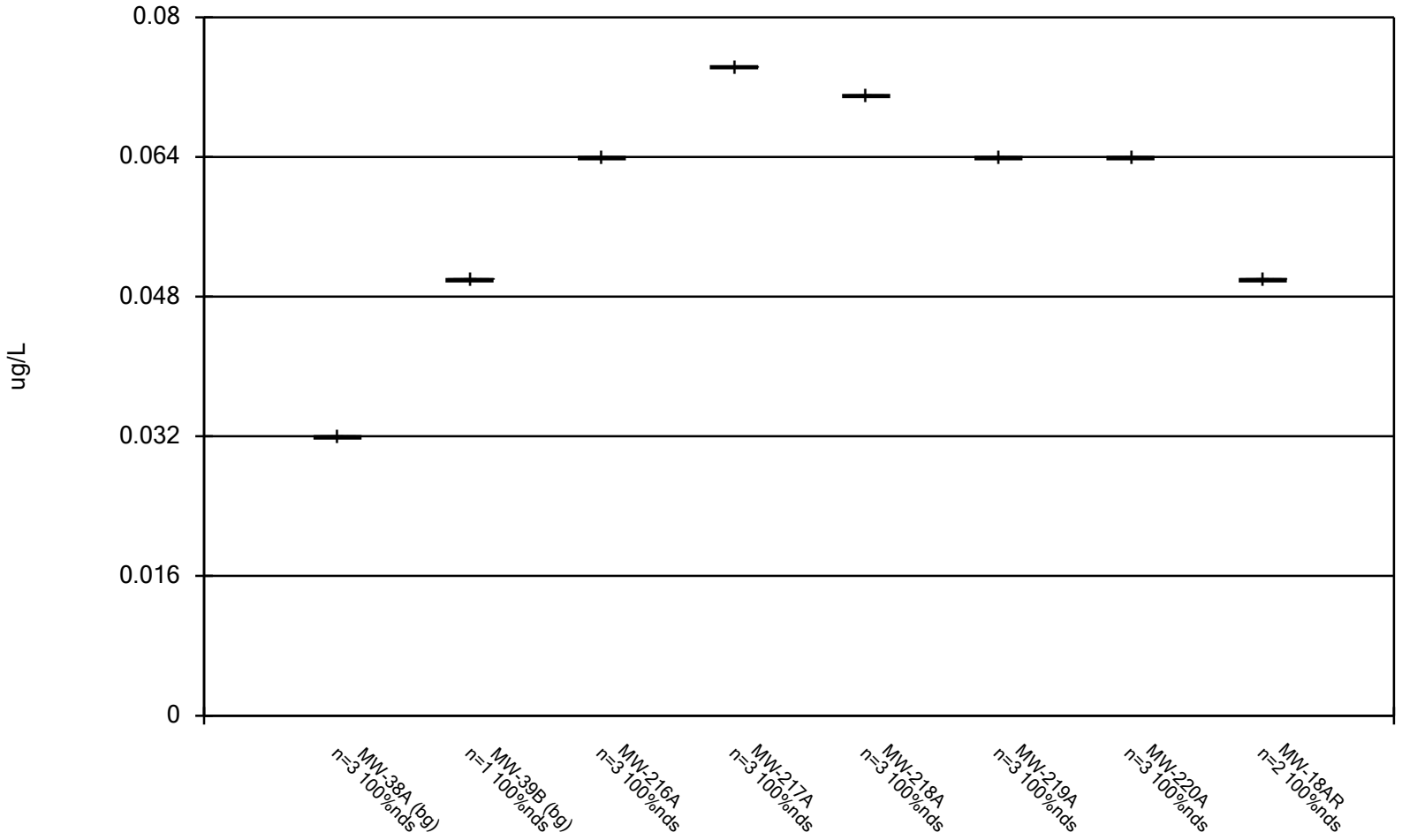


Constituent: Heptachlor Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

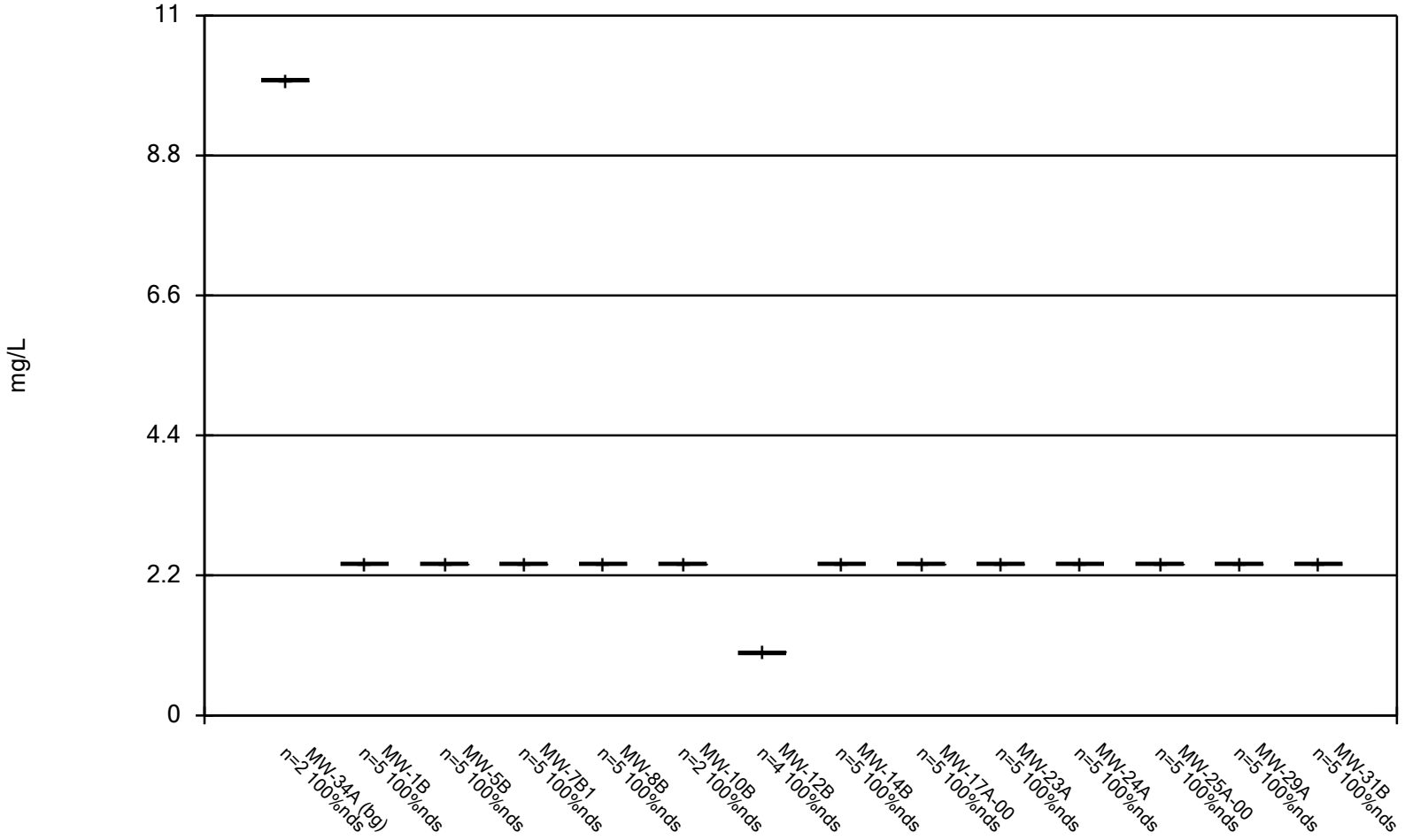


Constituent: Heptachlor Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

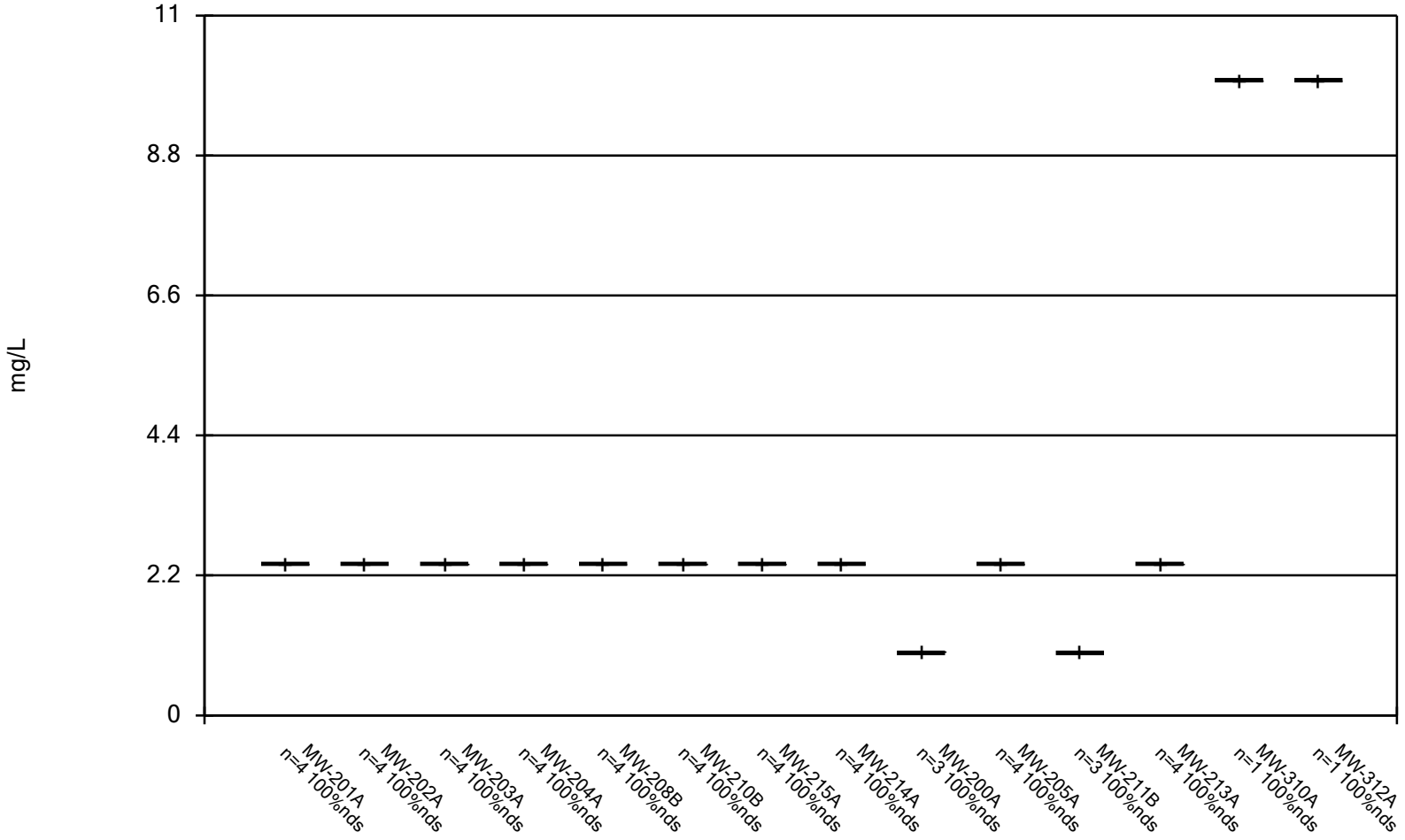


Constituent: Isobutanol Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

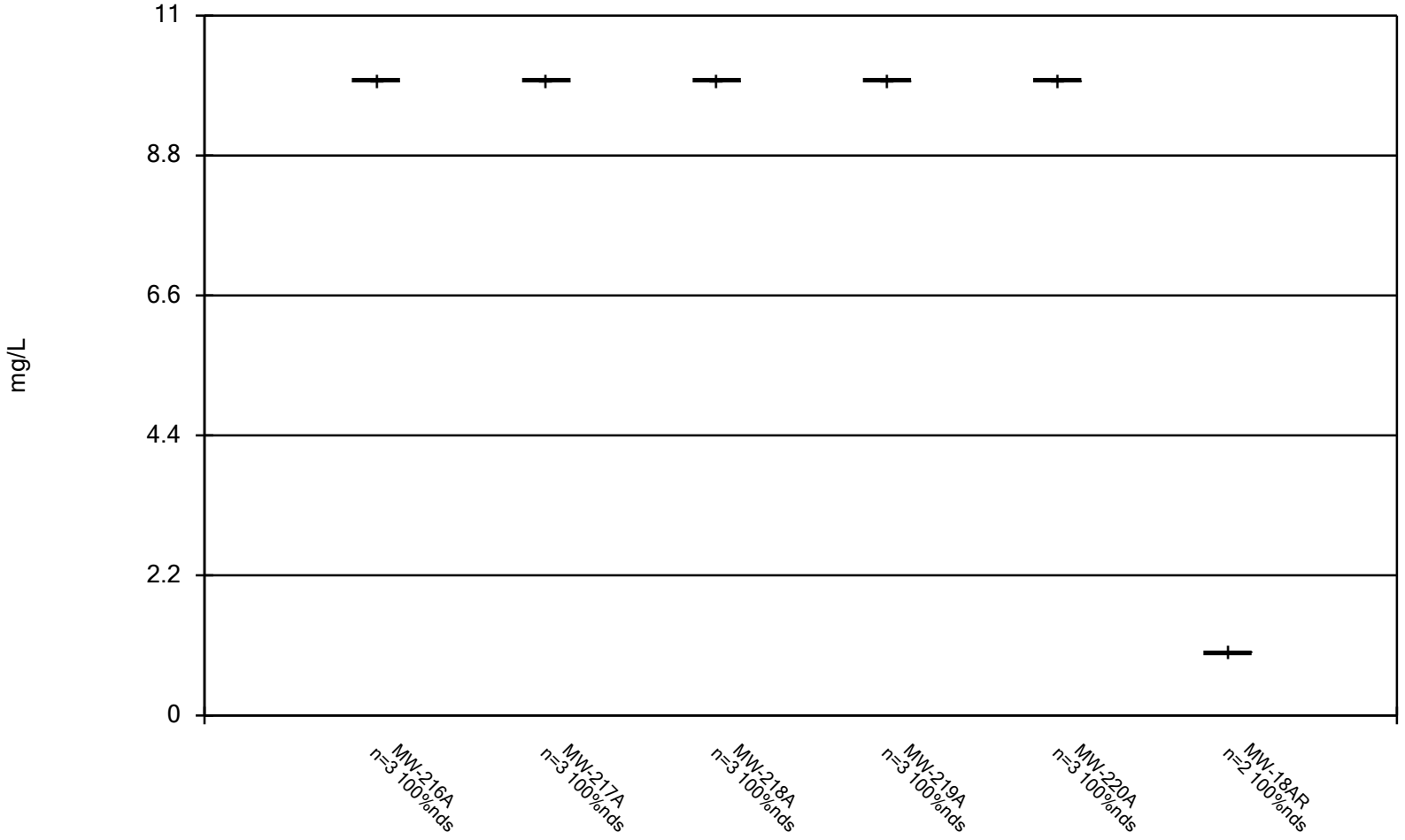


Constituent: Isobutanol Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Isobutanol Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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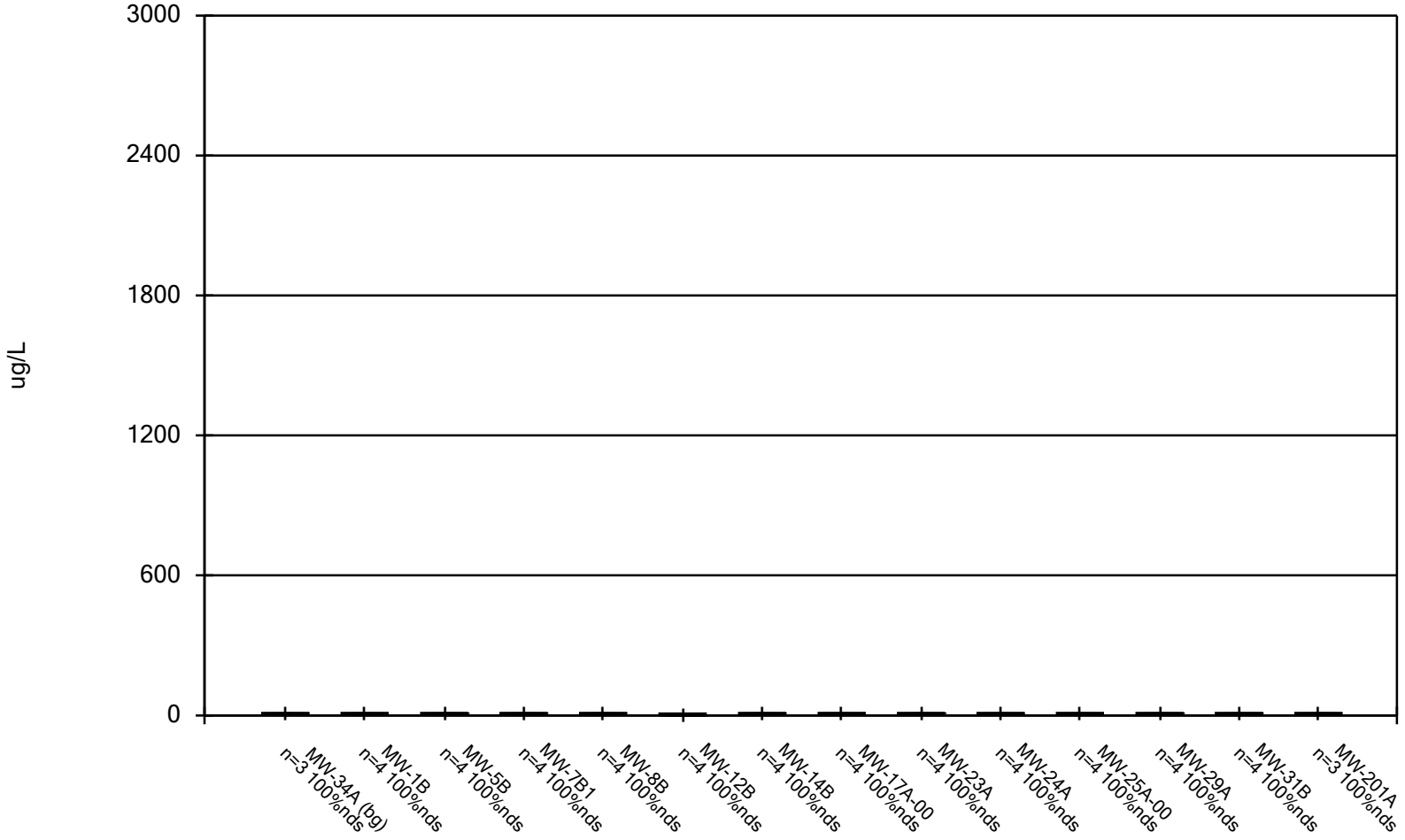
Box & Whiskers Plot

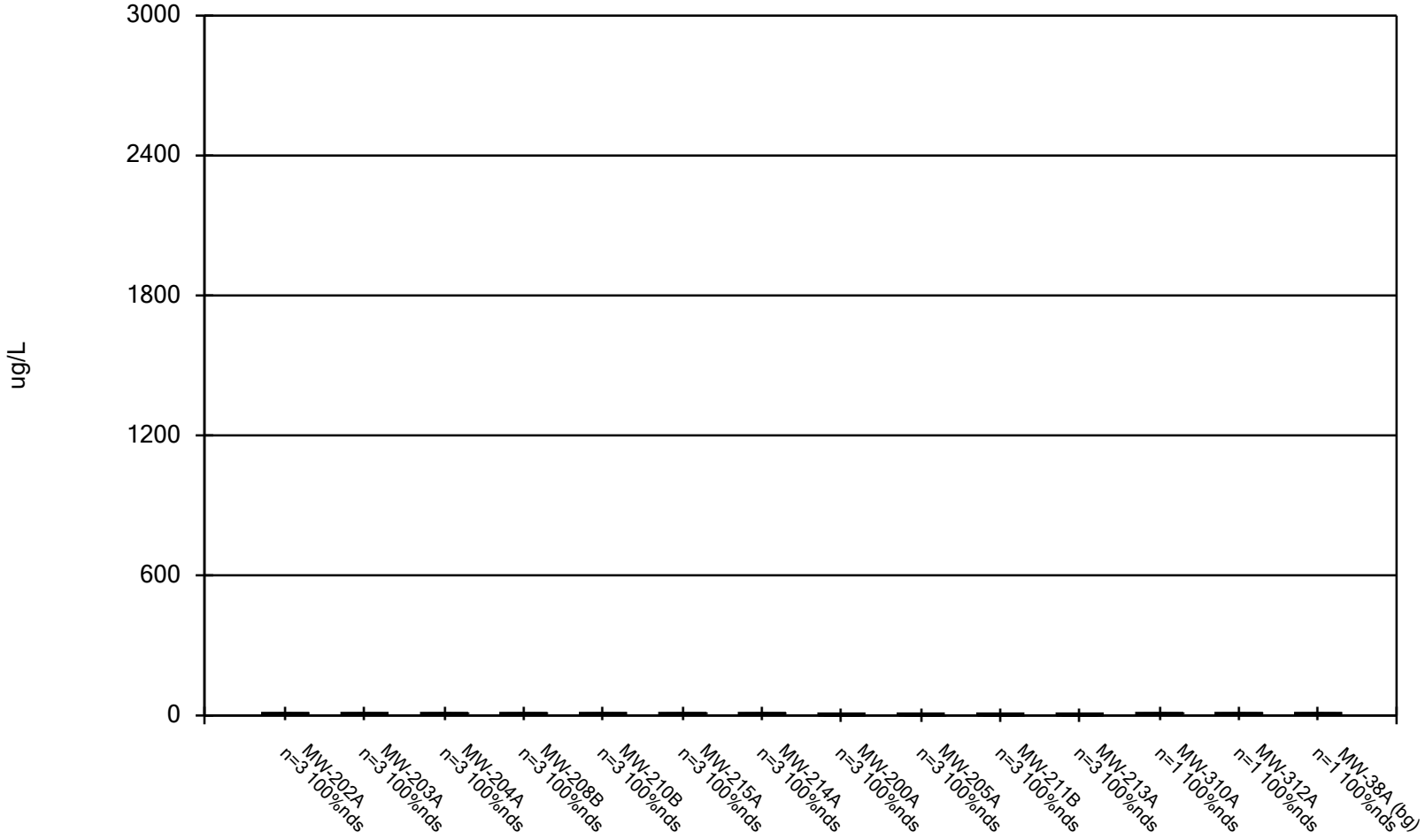


Constituent: m/p-Cresol Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

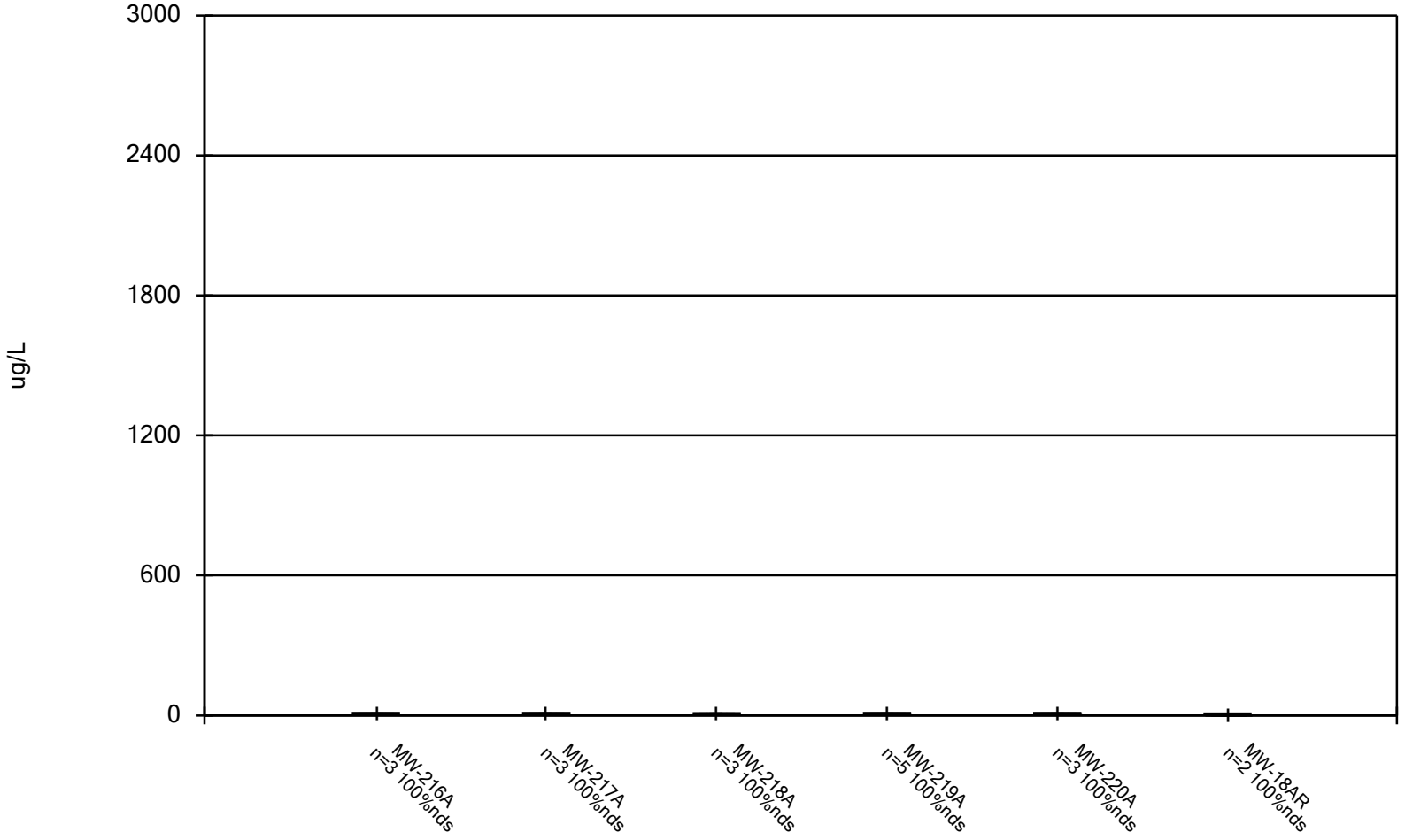


Constituent: m/p-Cresol Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

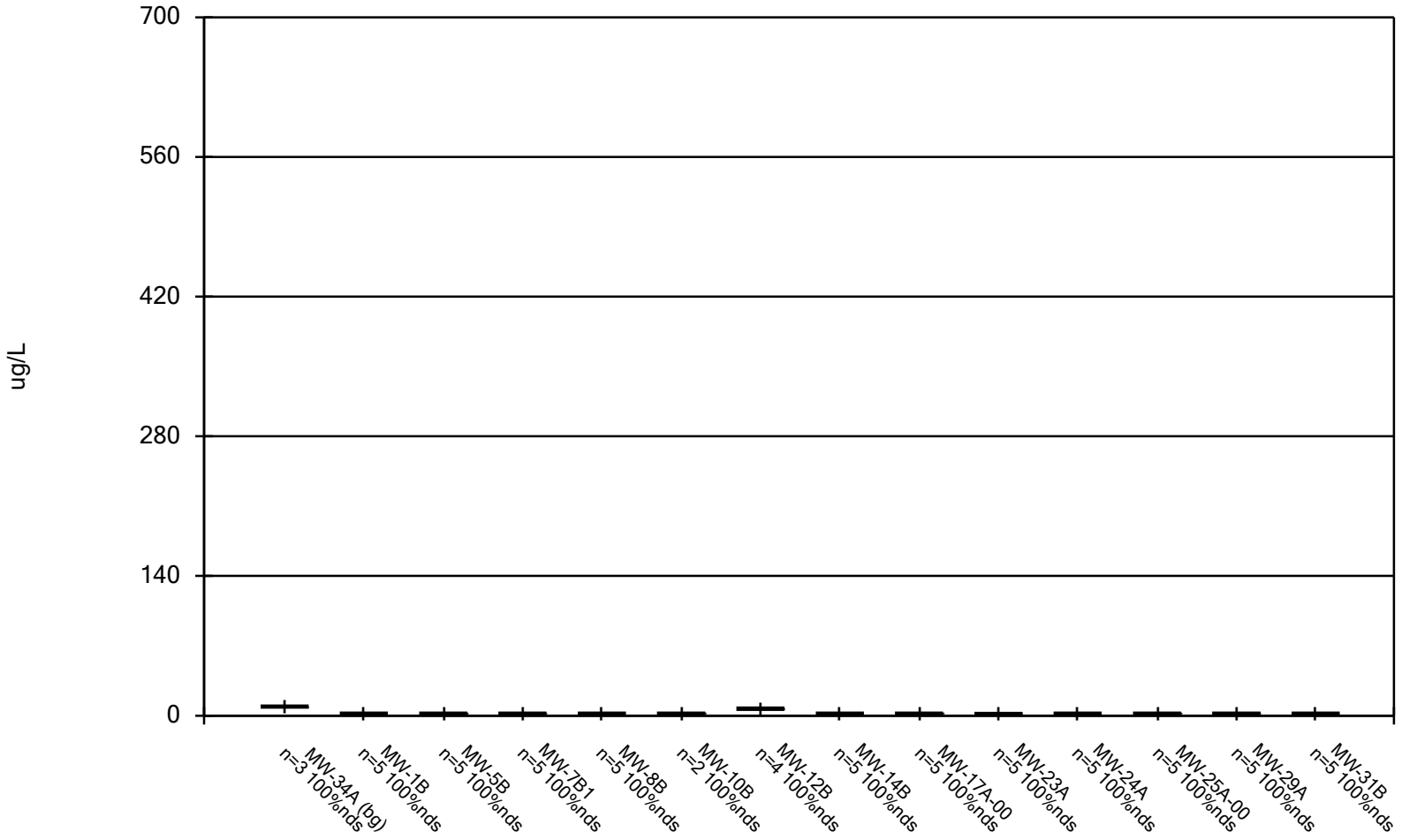


Constituent: m/p-Cresol Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

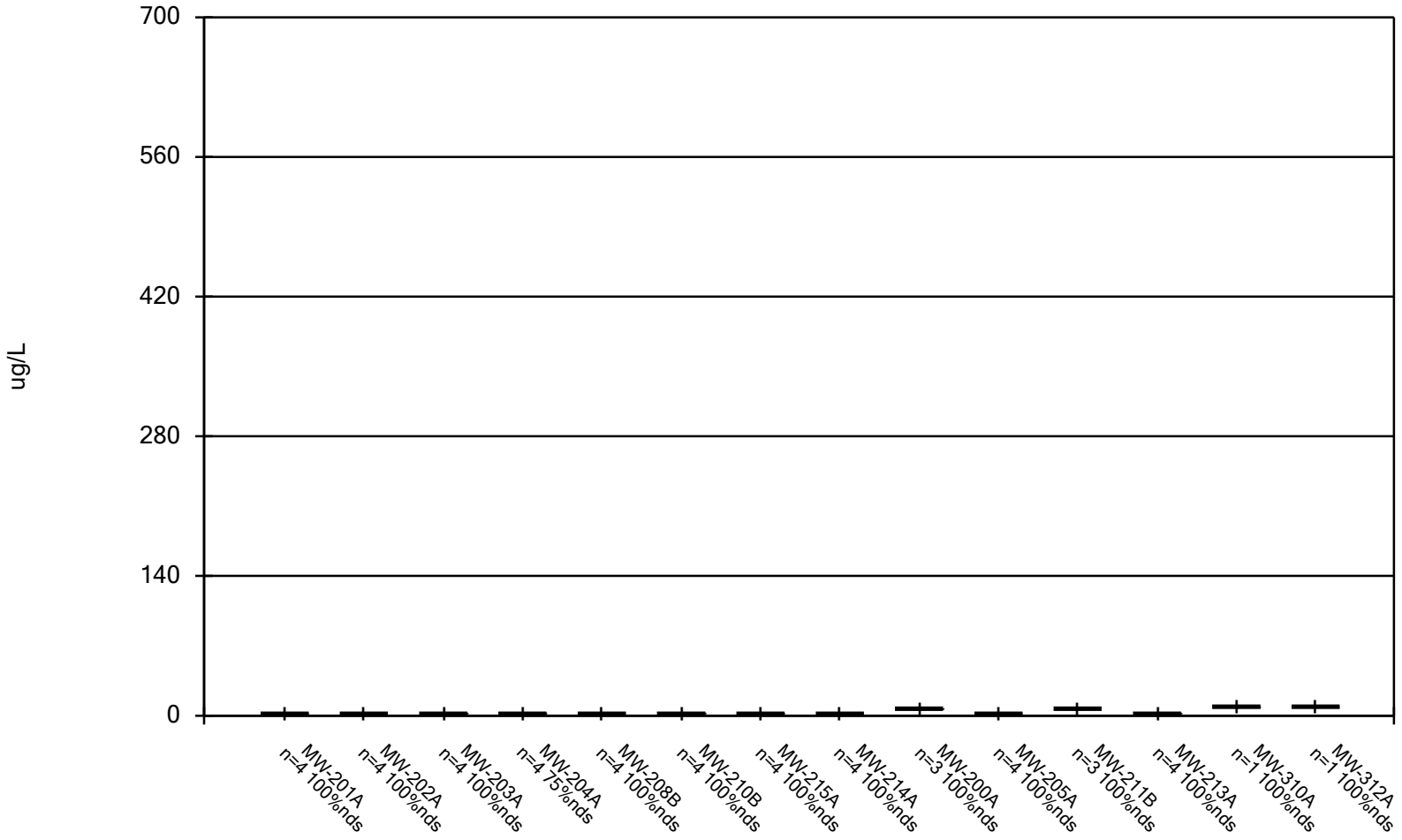


Constituent: O-Toluidine Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

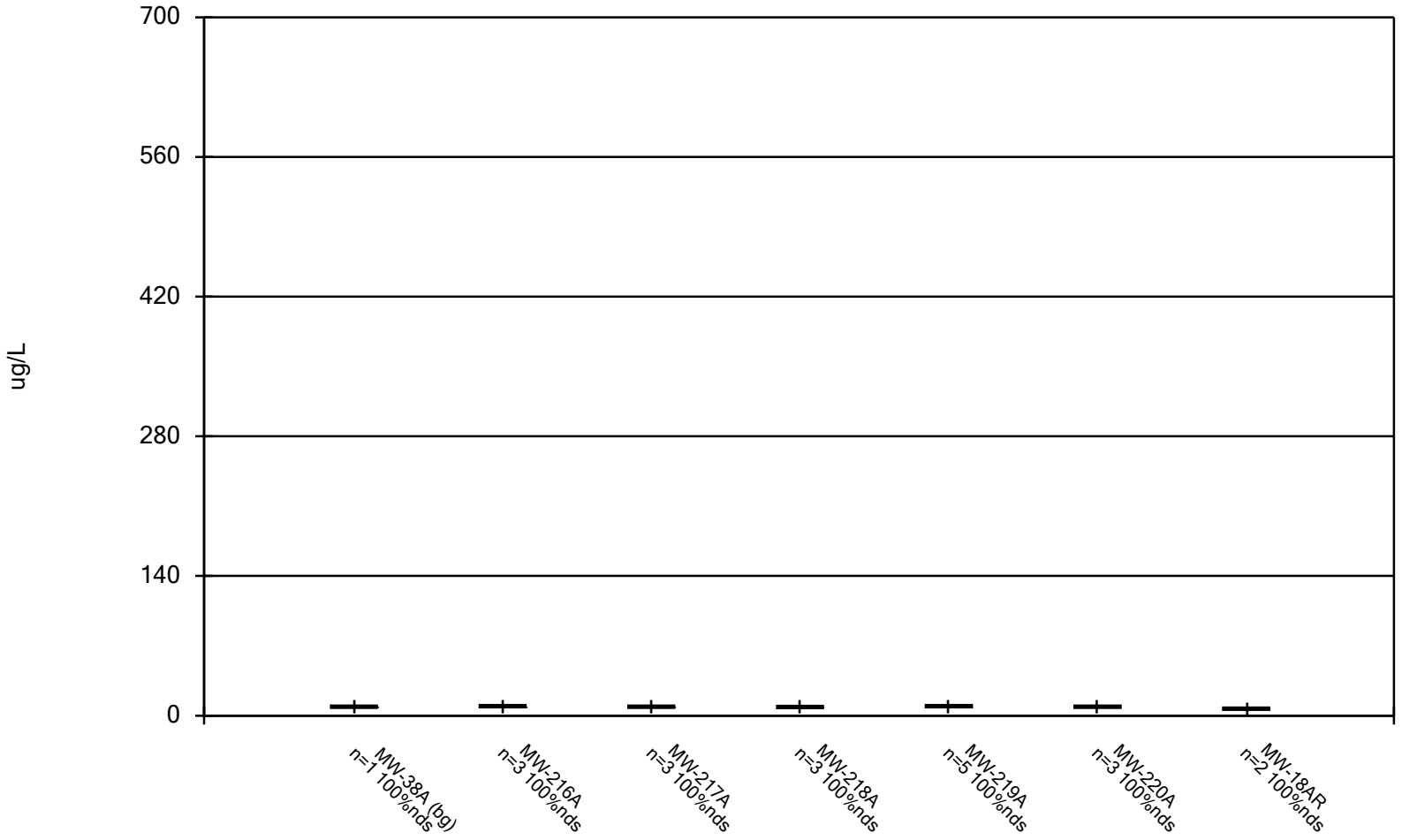


Constituent: O-Toluidine Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: O-Toluidine Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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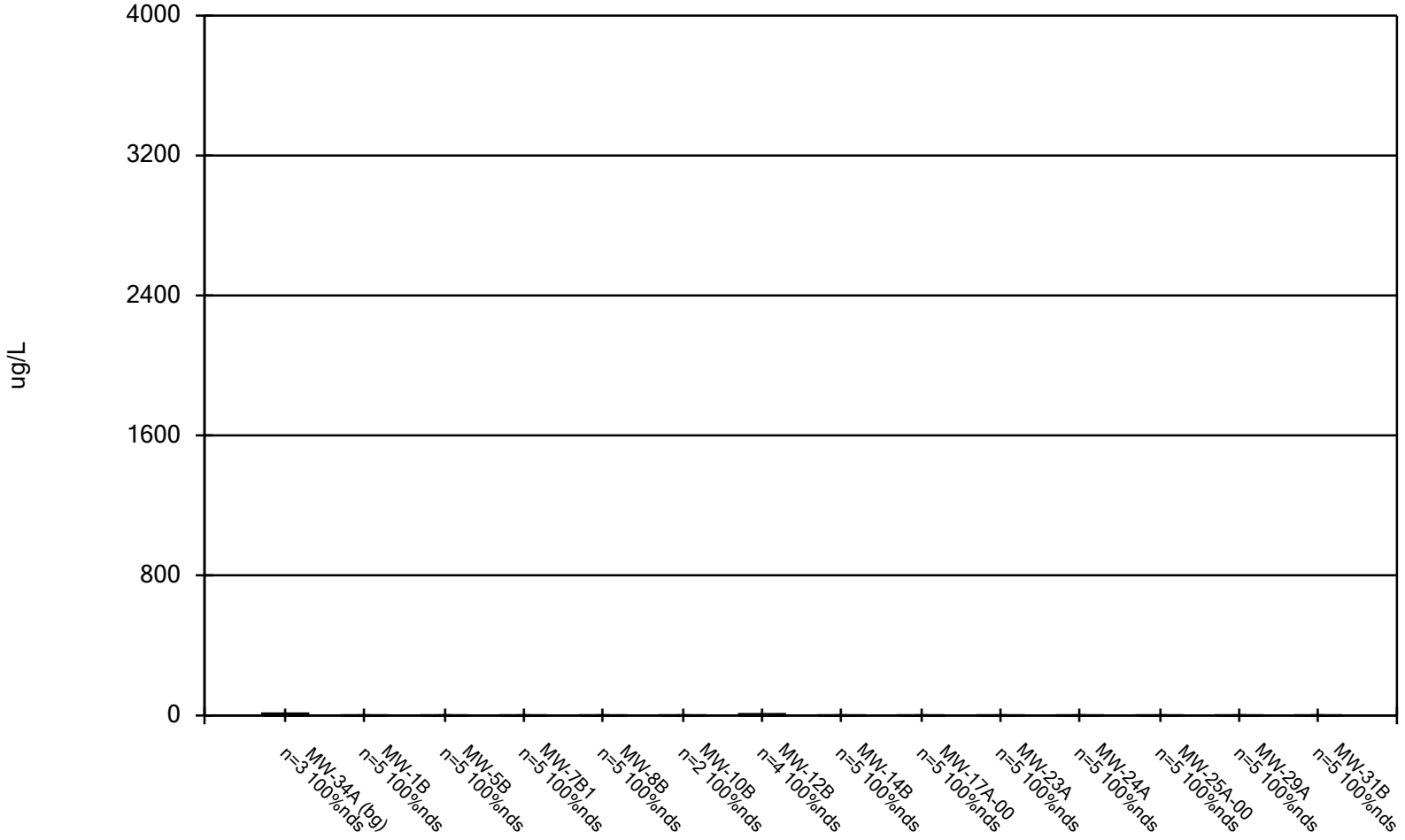
Box & Whiskers Plot

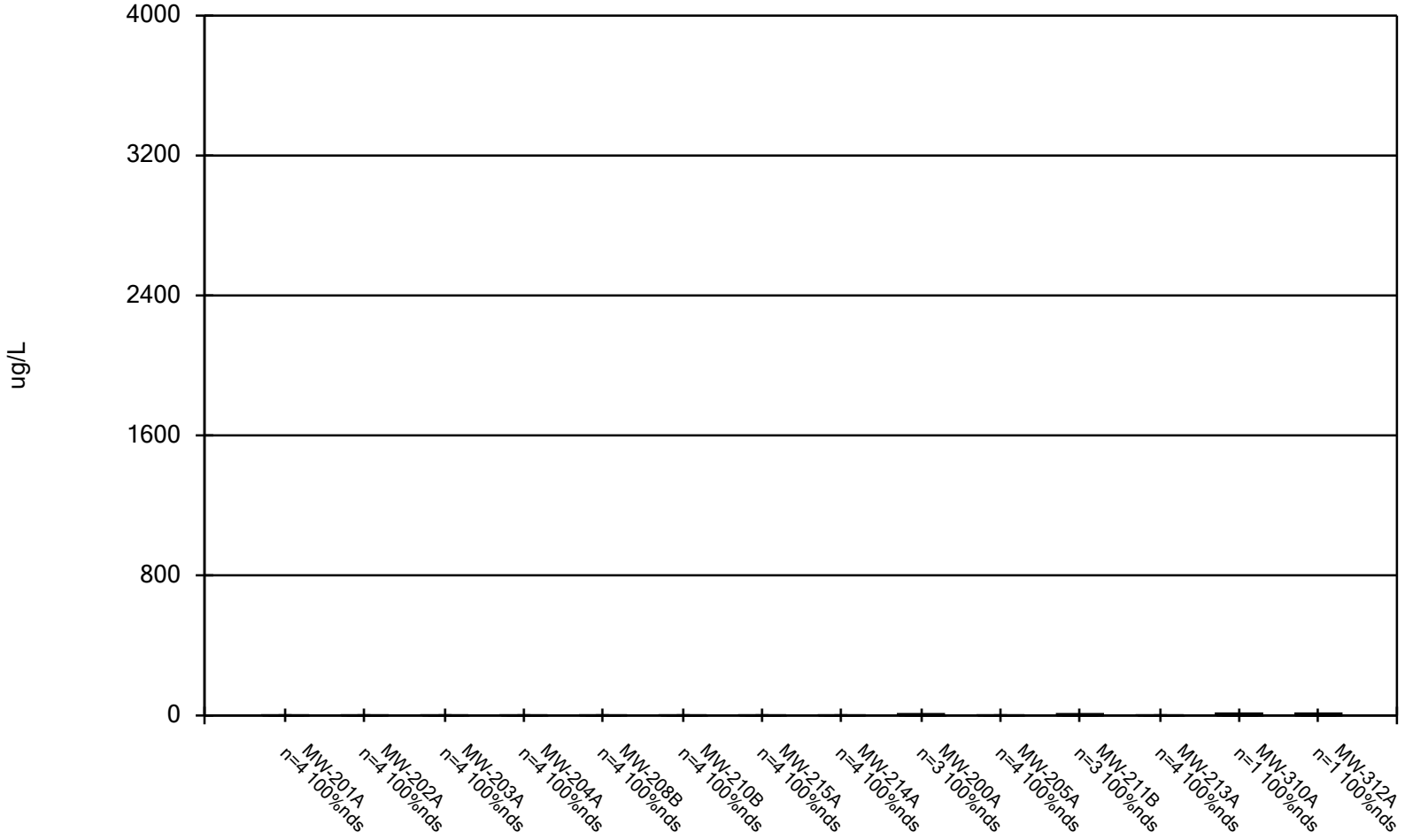


Constituent: Phenol Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

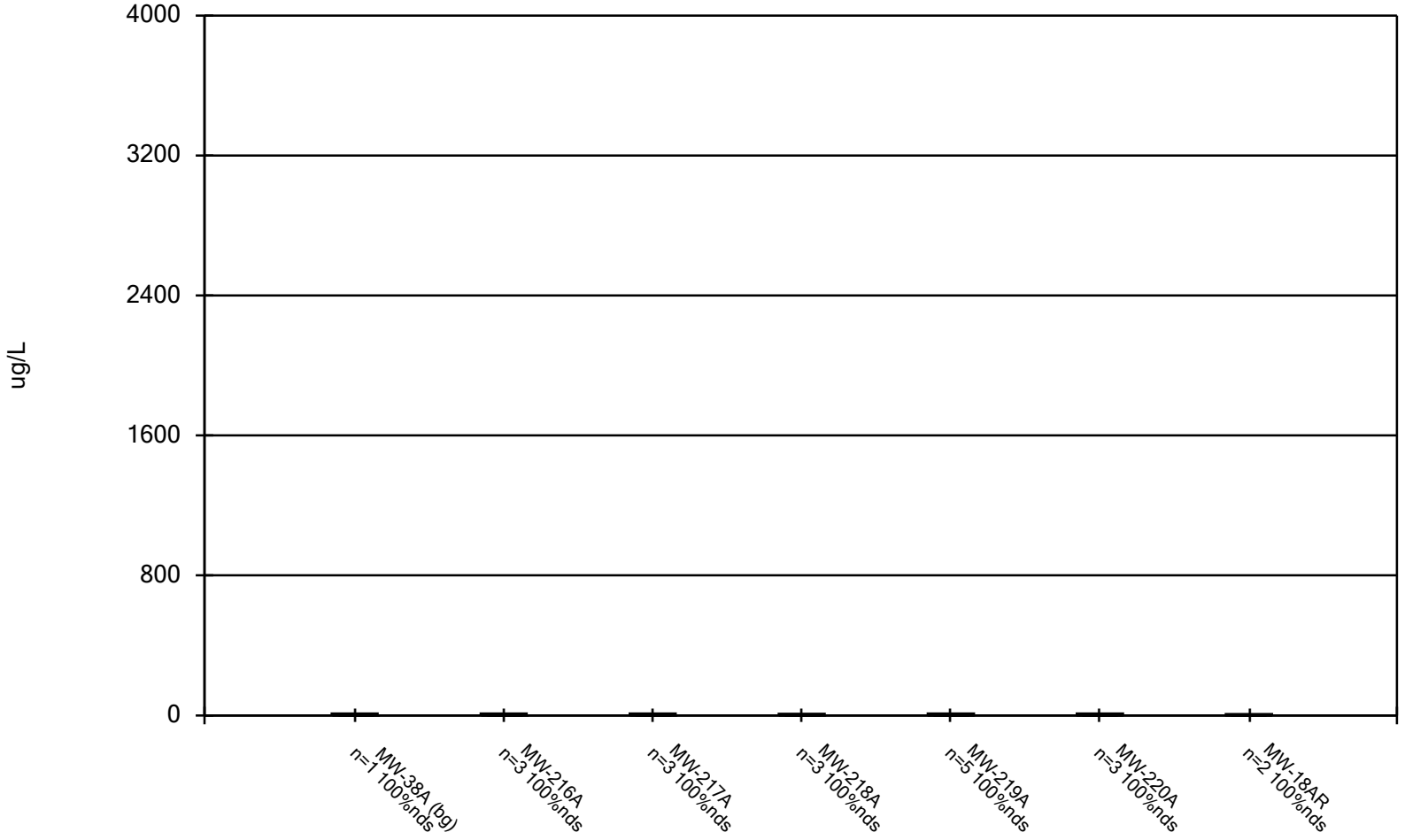


Constituent: Phenol Analysis Run 7/8/2026 10:21 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

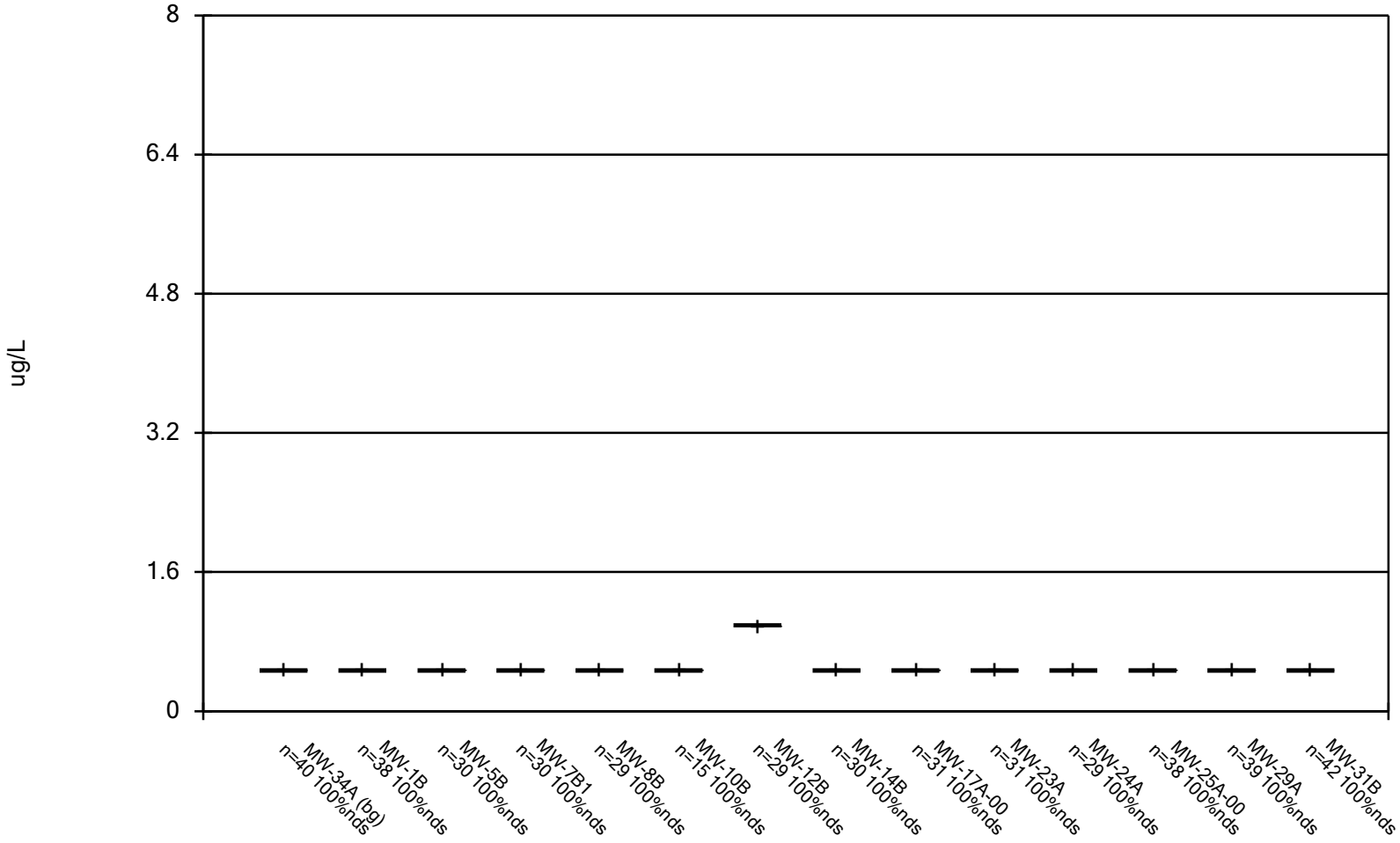


Constituent: Phenol Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

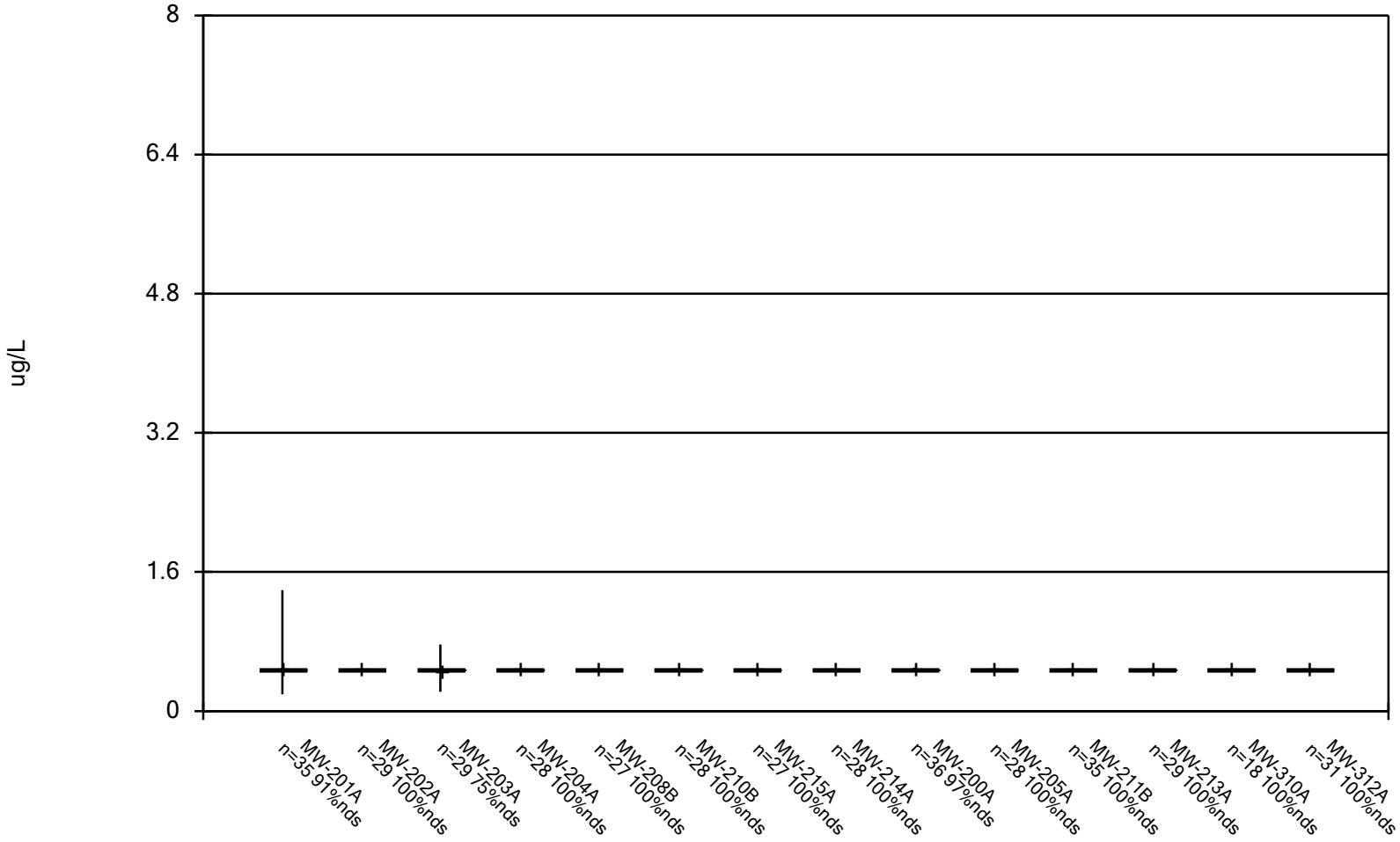


Constituent: Tetrachloroethene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Tetrachloroethene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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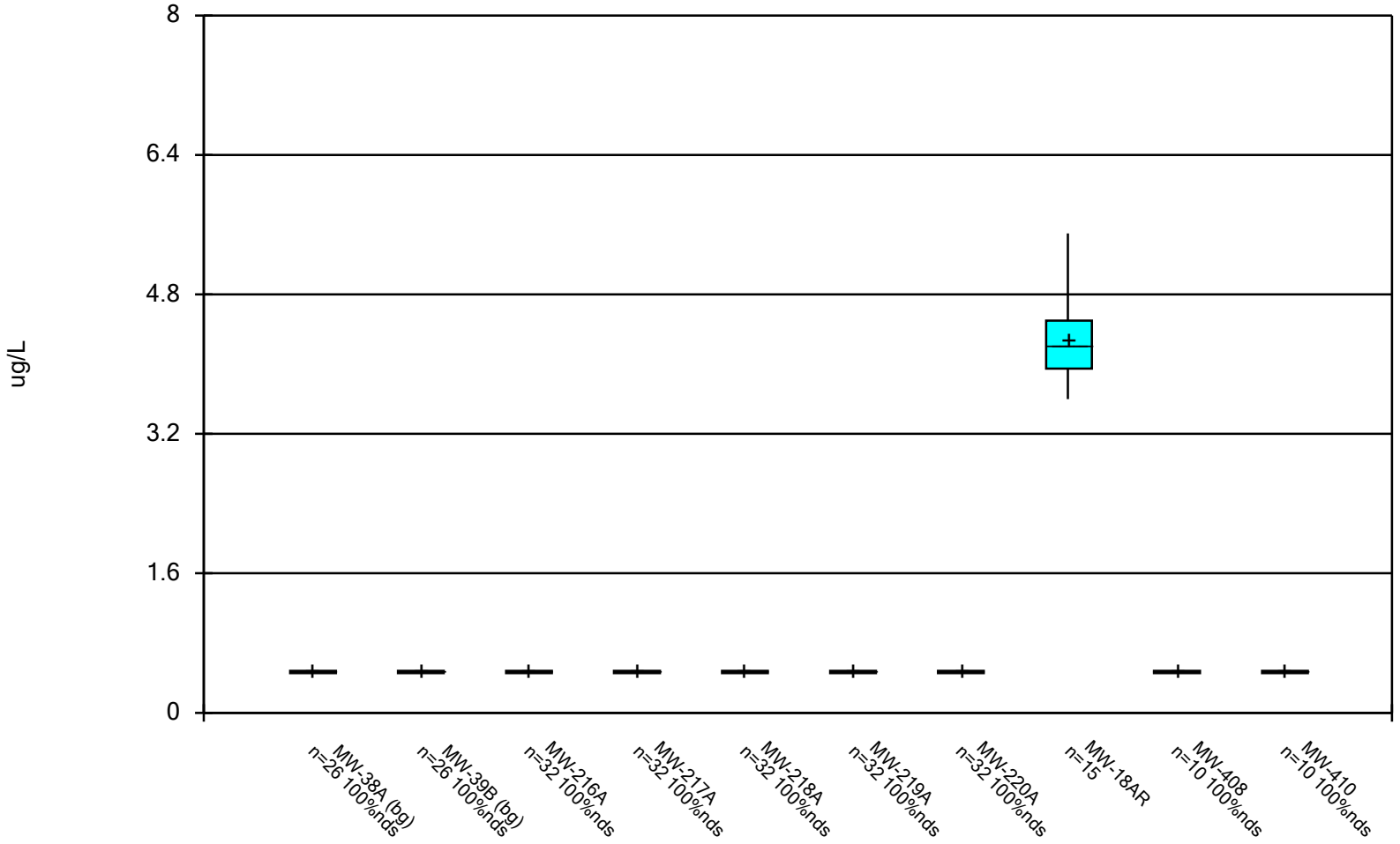
Box & Whiskers Plot

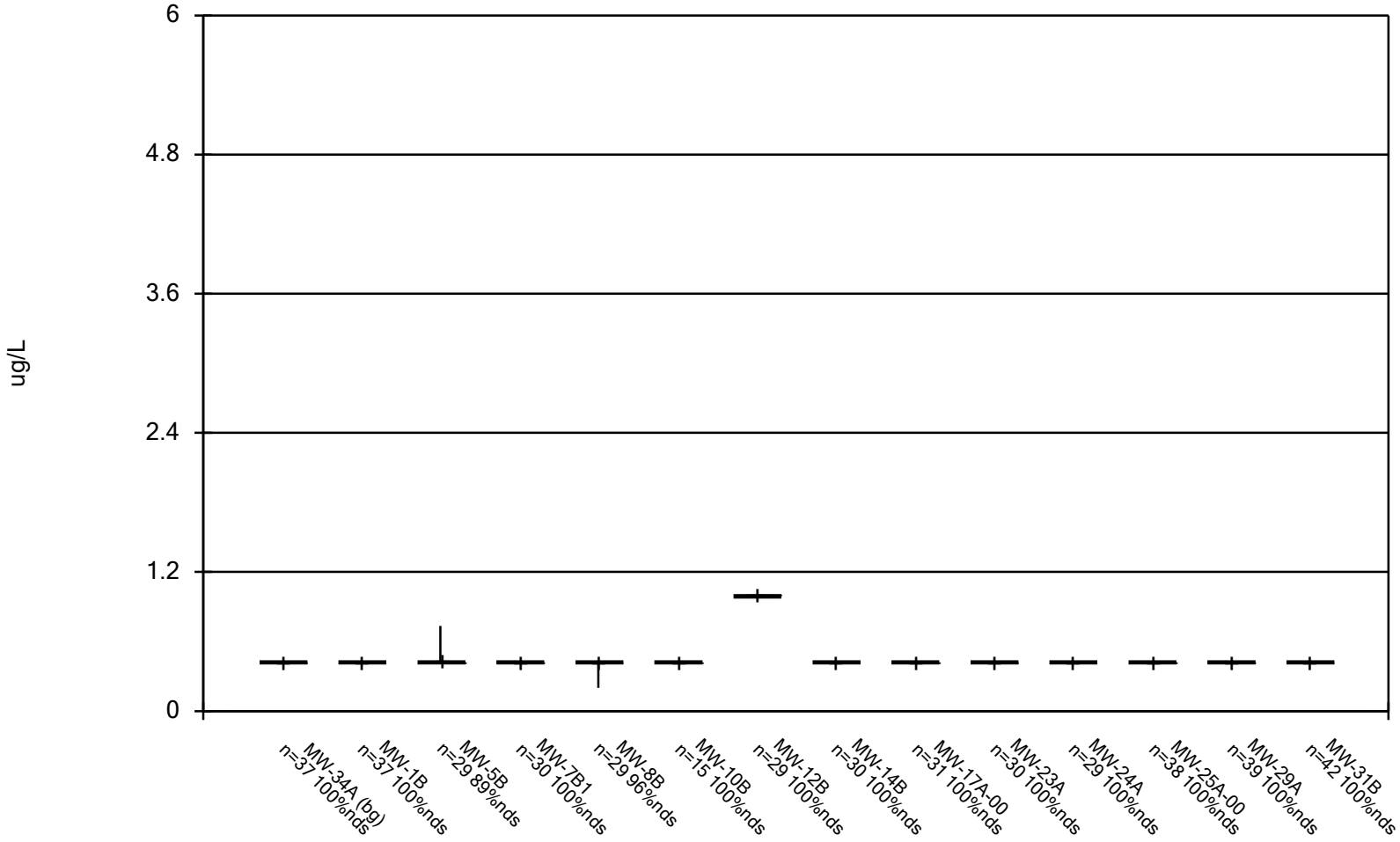


Constituent: Tetrachloroethene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Toluene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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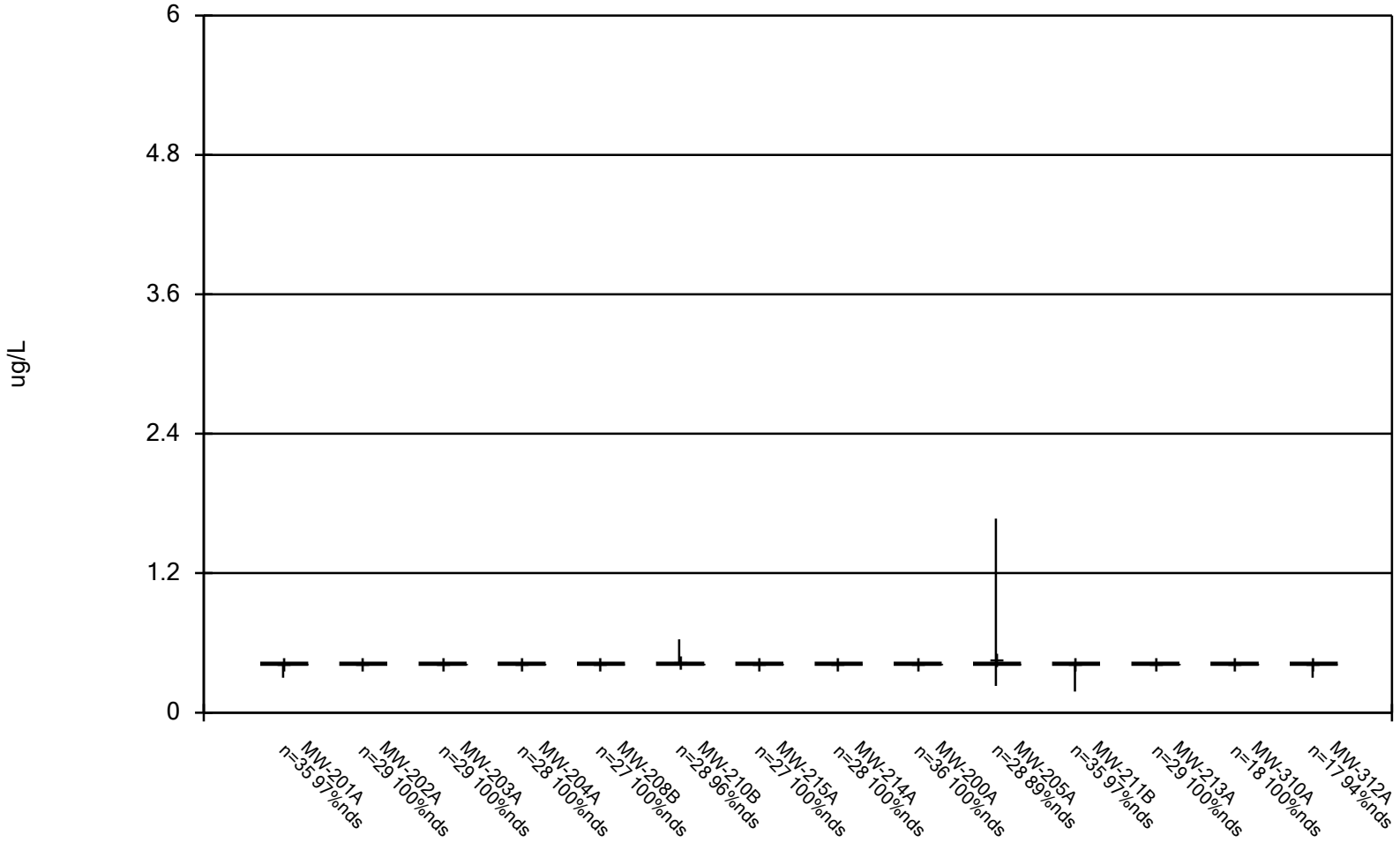
Box & Whiskers Plot

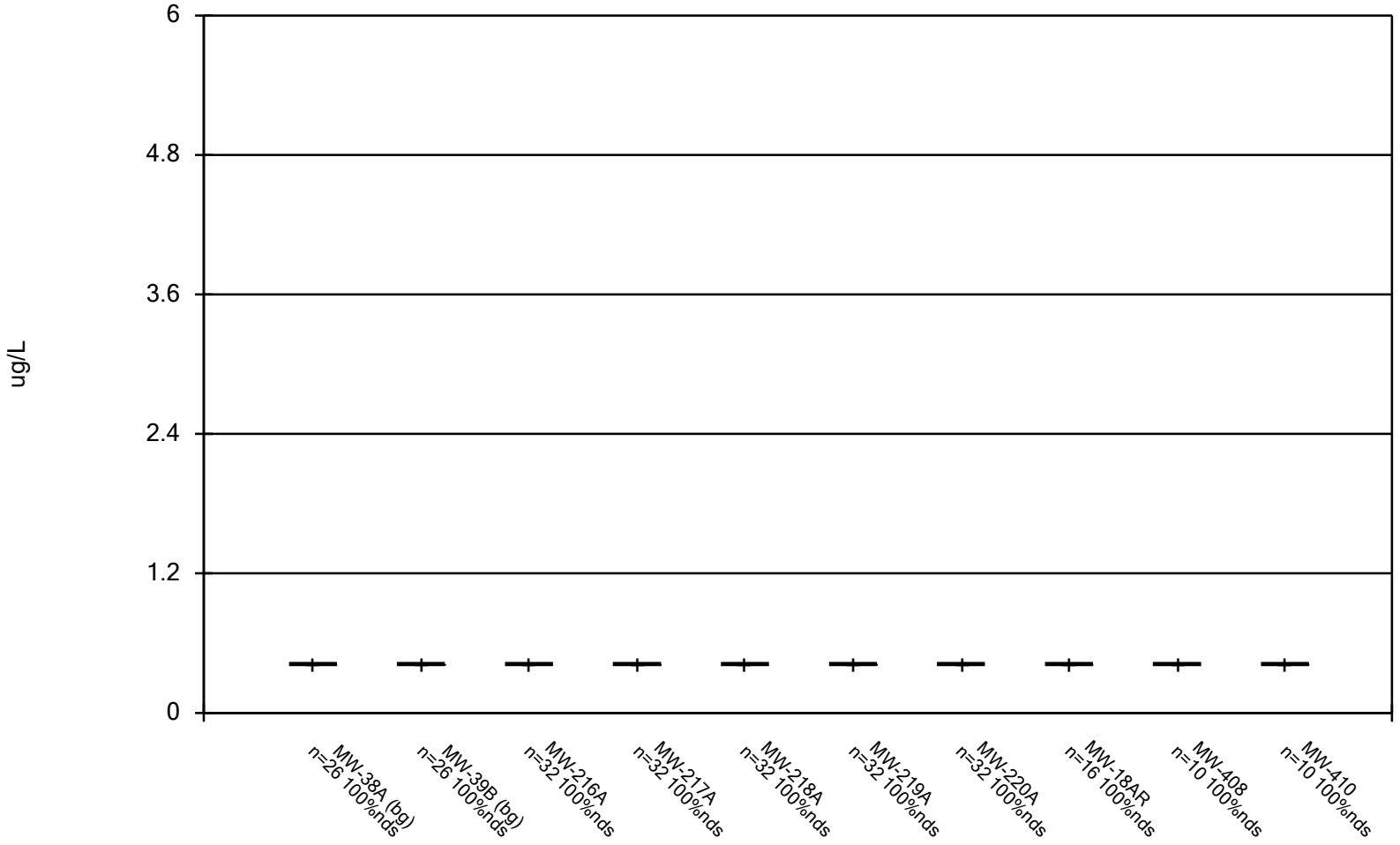


Constituent: Toluene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Toluene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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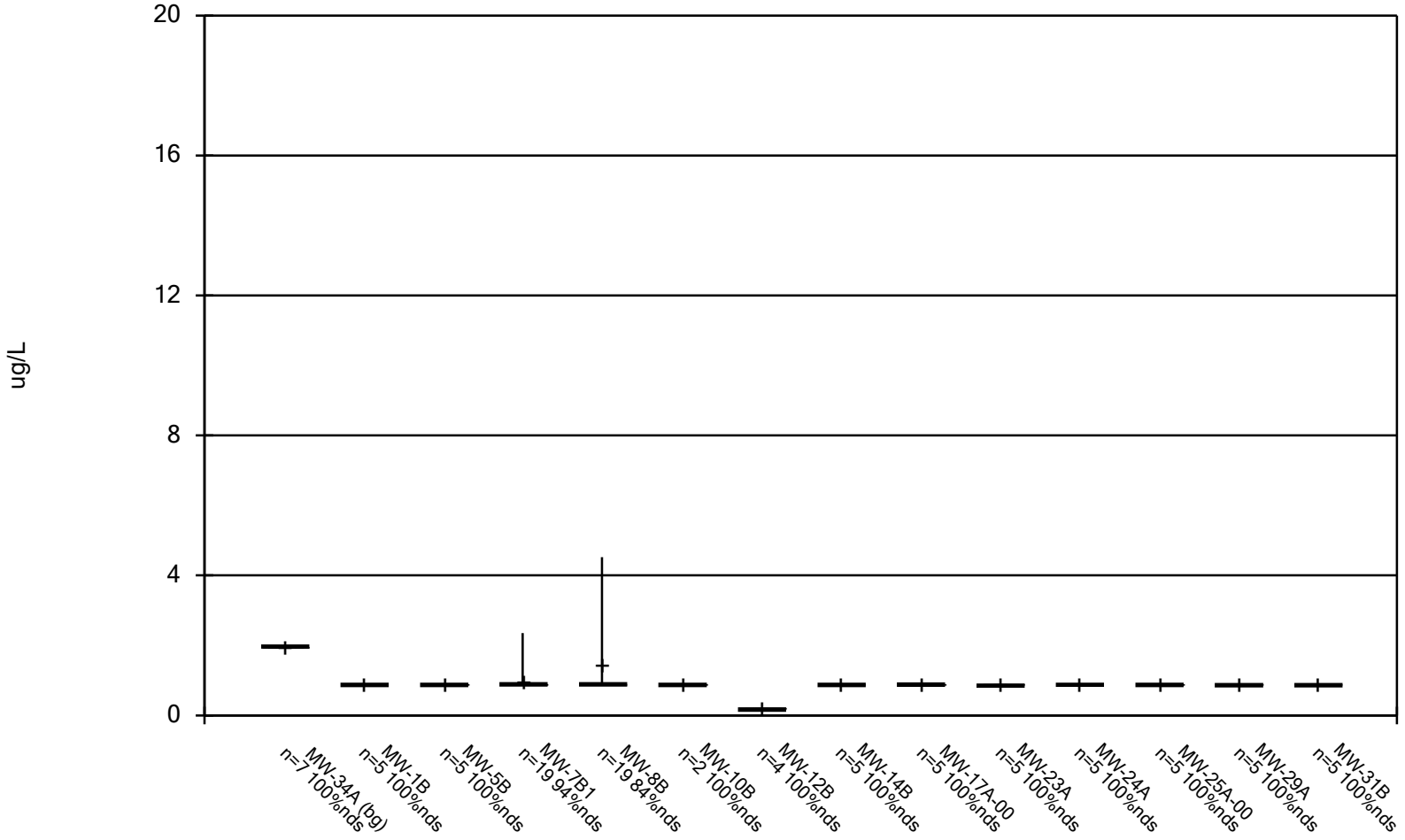
Box & Whiskers Plot



Constituent: Toxaphene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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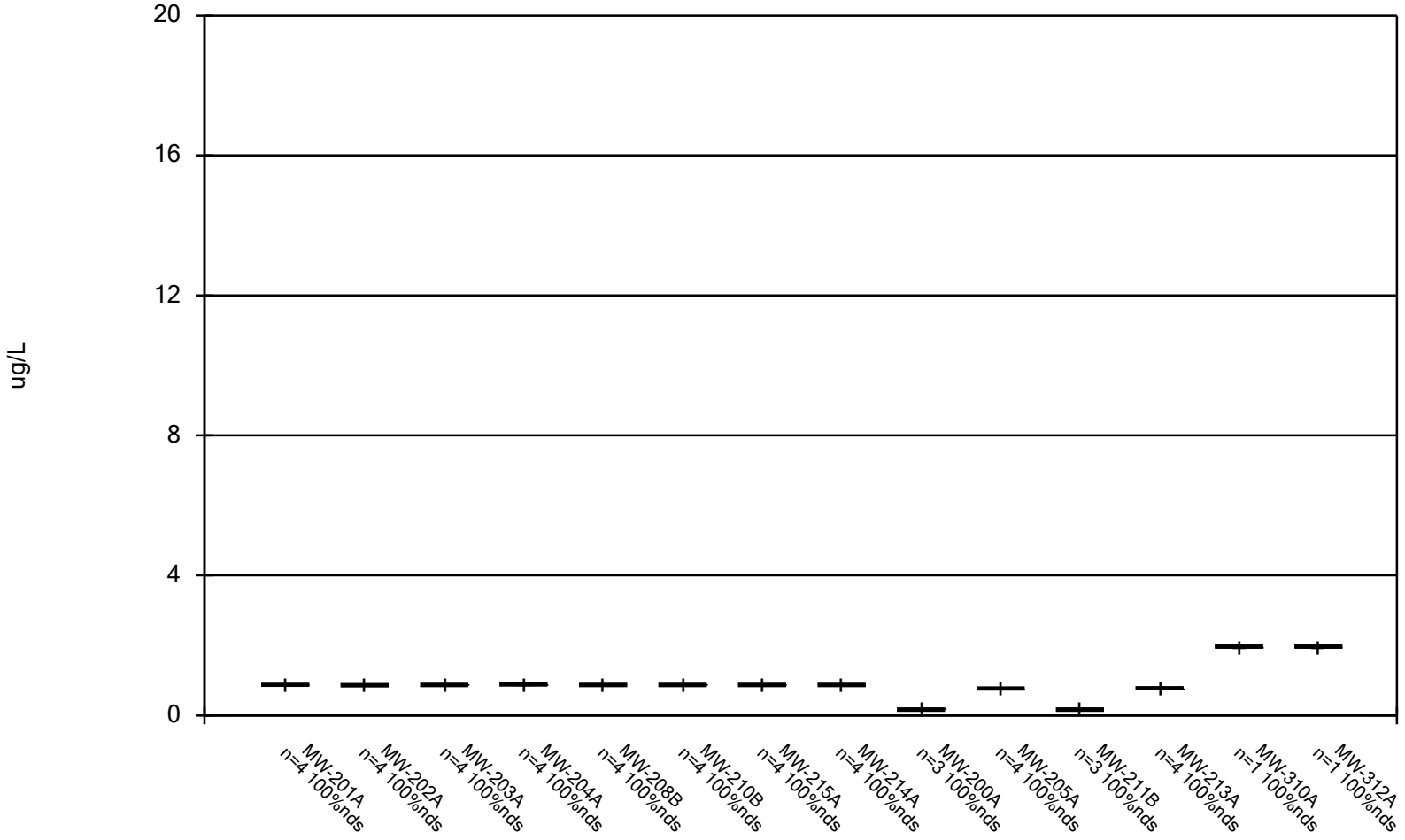
Box & Whiskers Plot

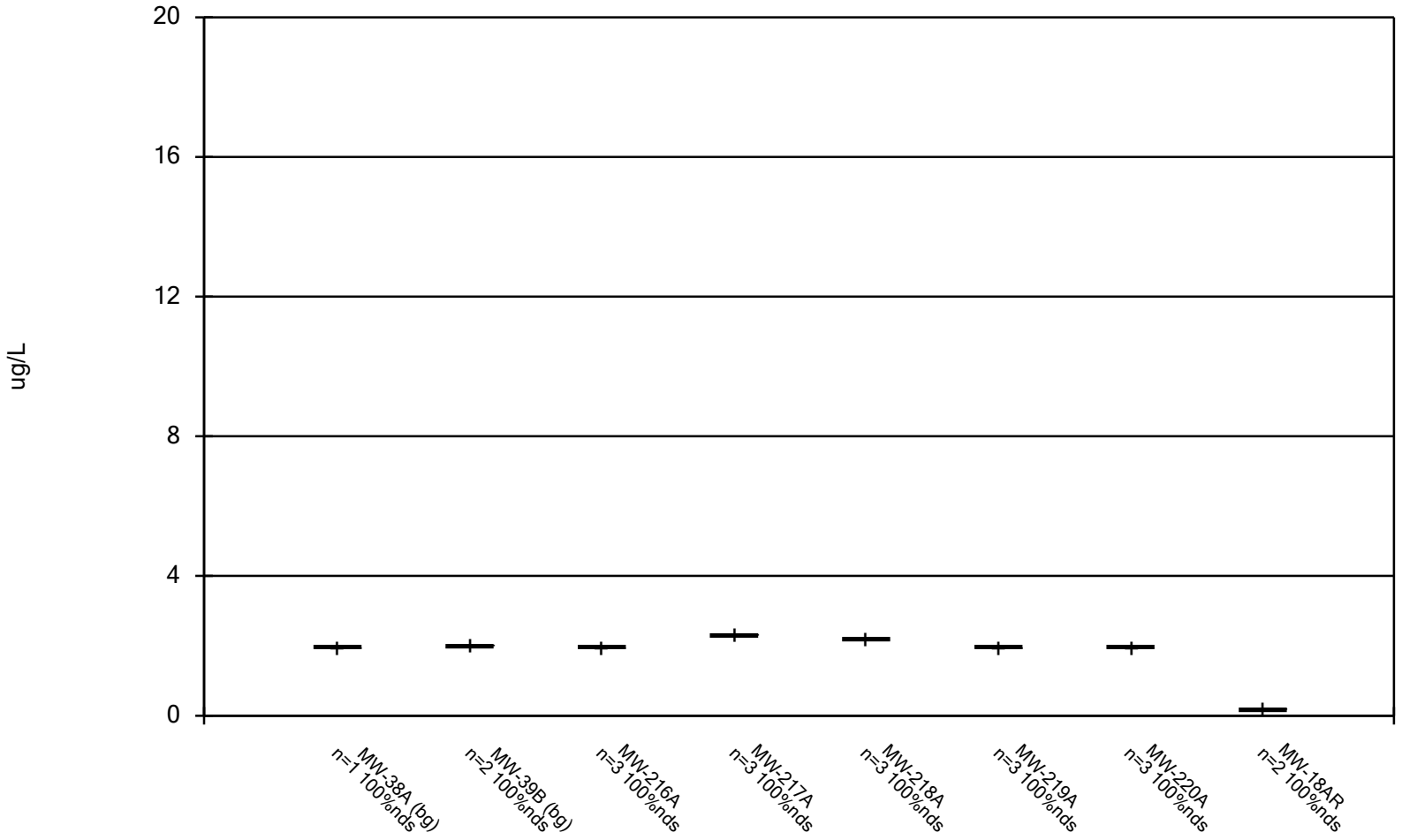


Constituent: Toxaphene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Toxaphene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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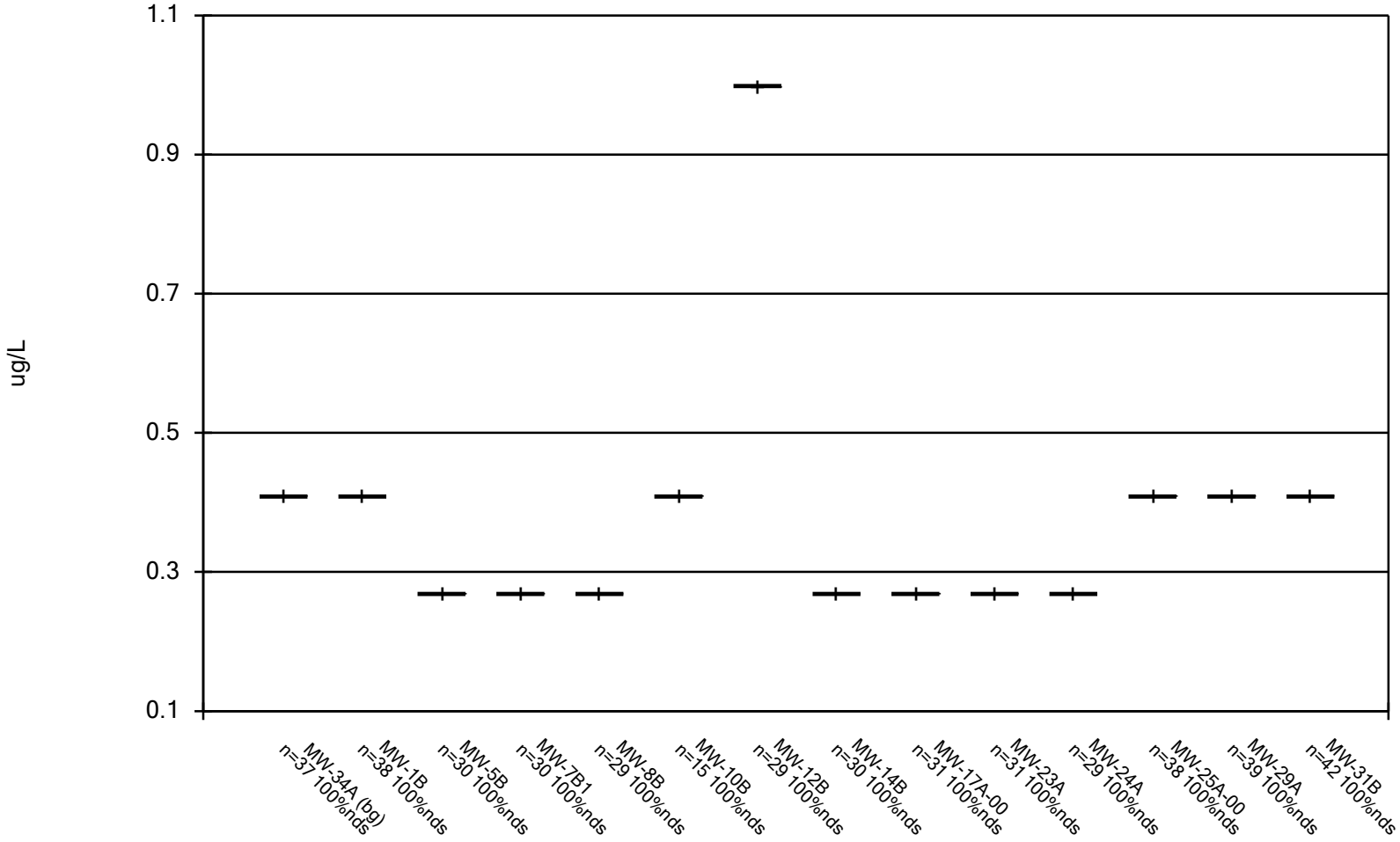
Box & Whiskers Plot

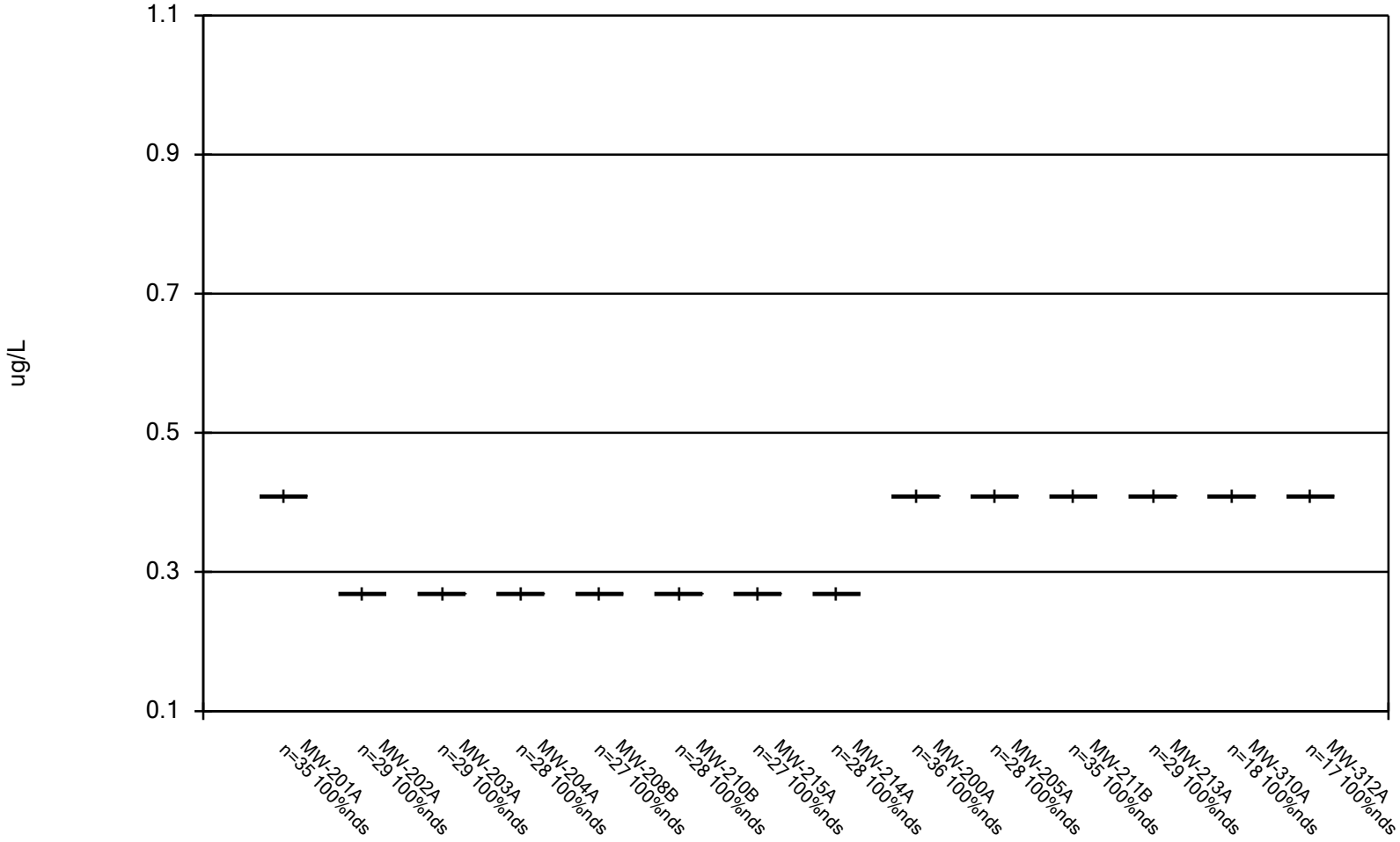


Constituent: trans-1,2-Dichloroethene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

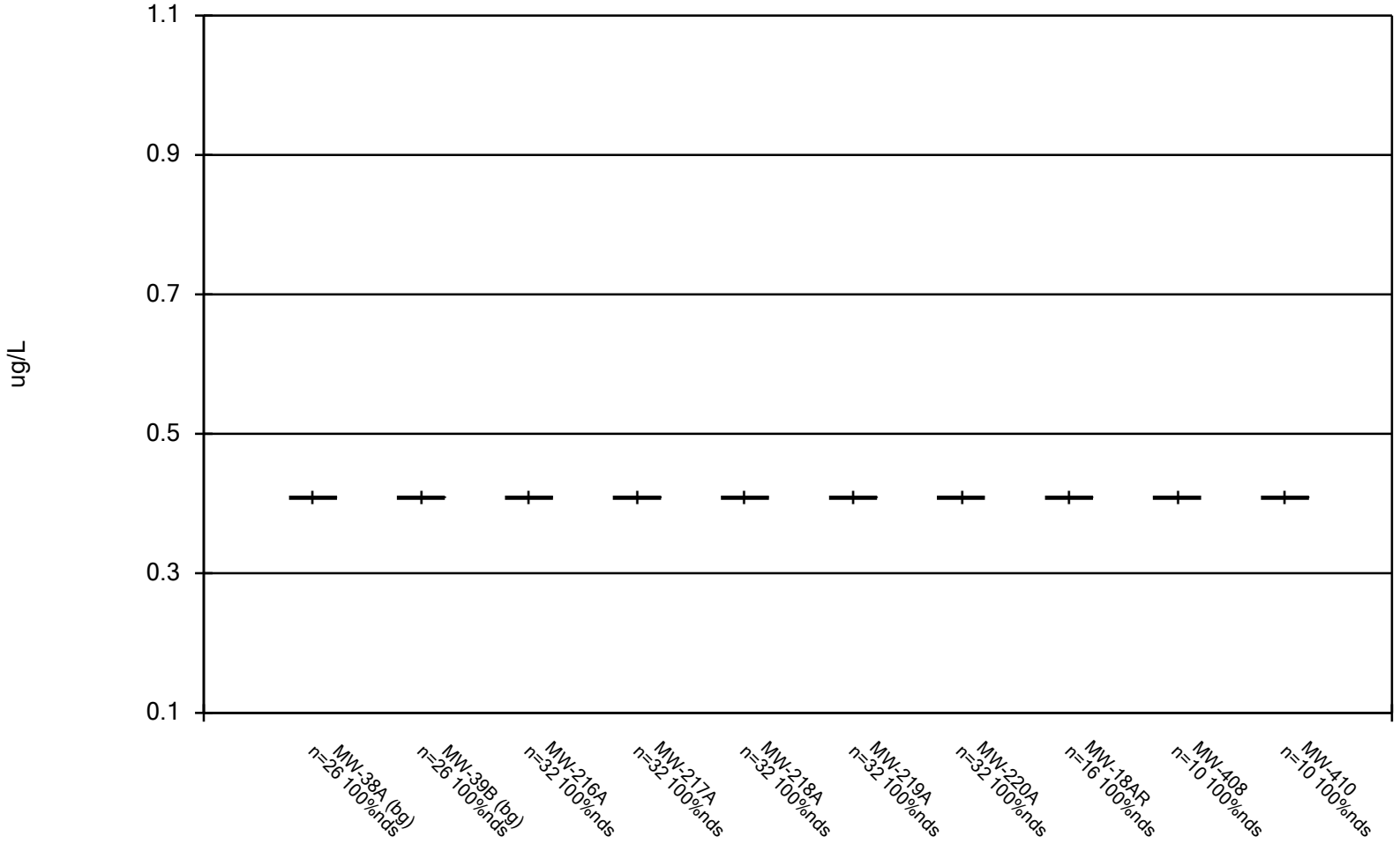


Constituent: trans-1,2-Dichloroethene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

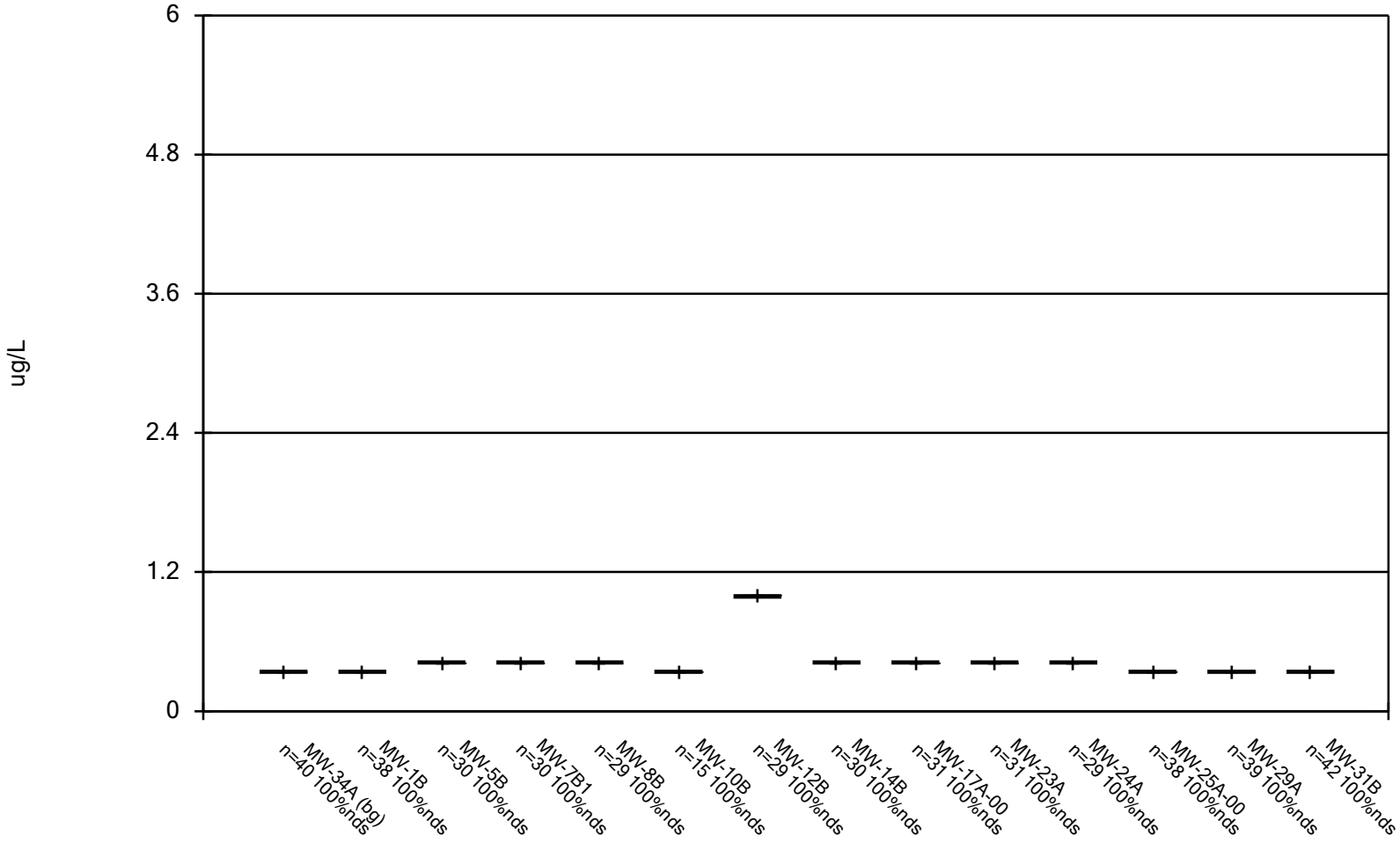


Constituent: trans-1,2-Dichloroethene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

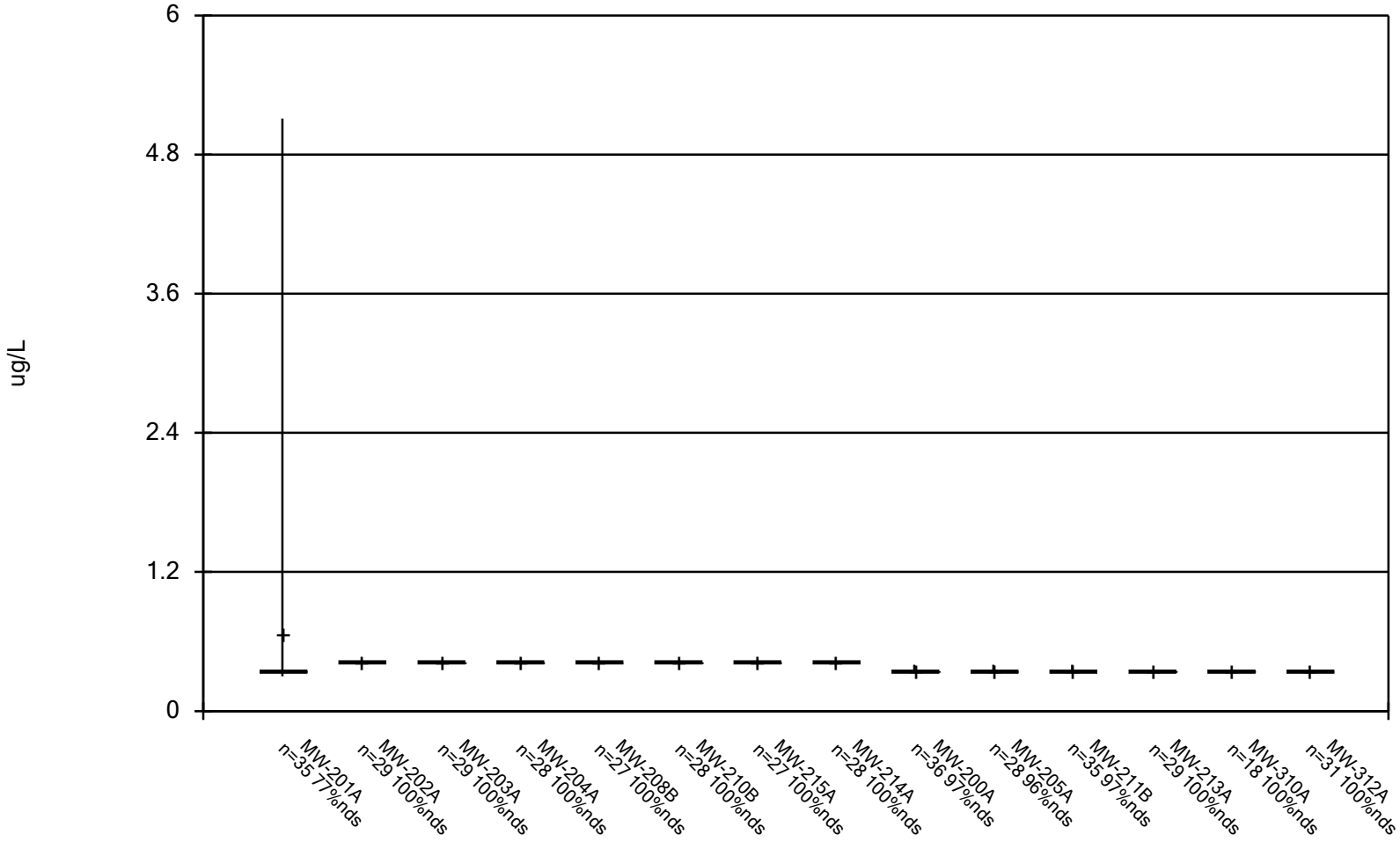


Constituent: Trichloroethene Analysis Run 7/8/2026 10:22 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

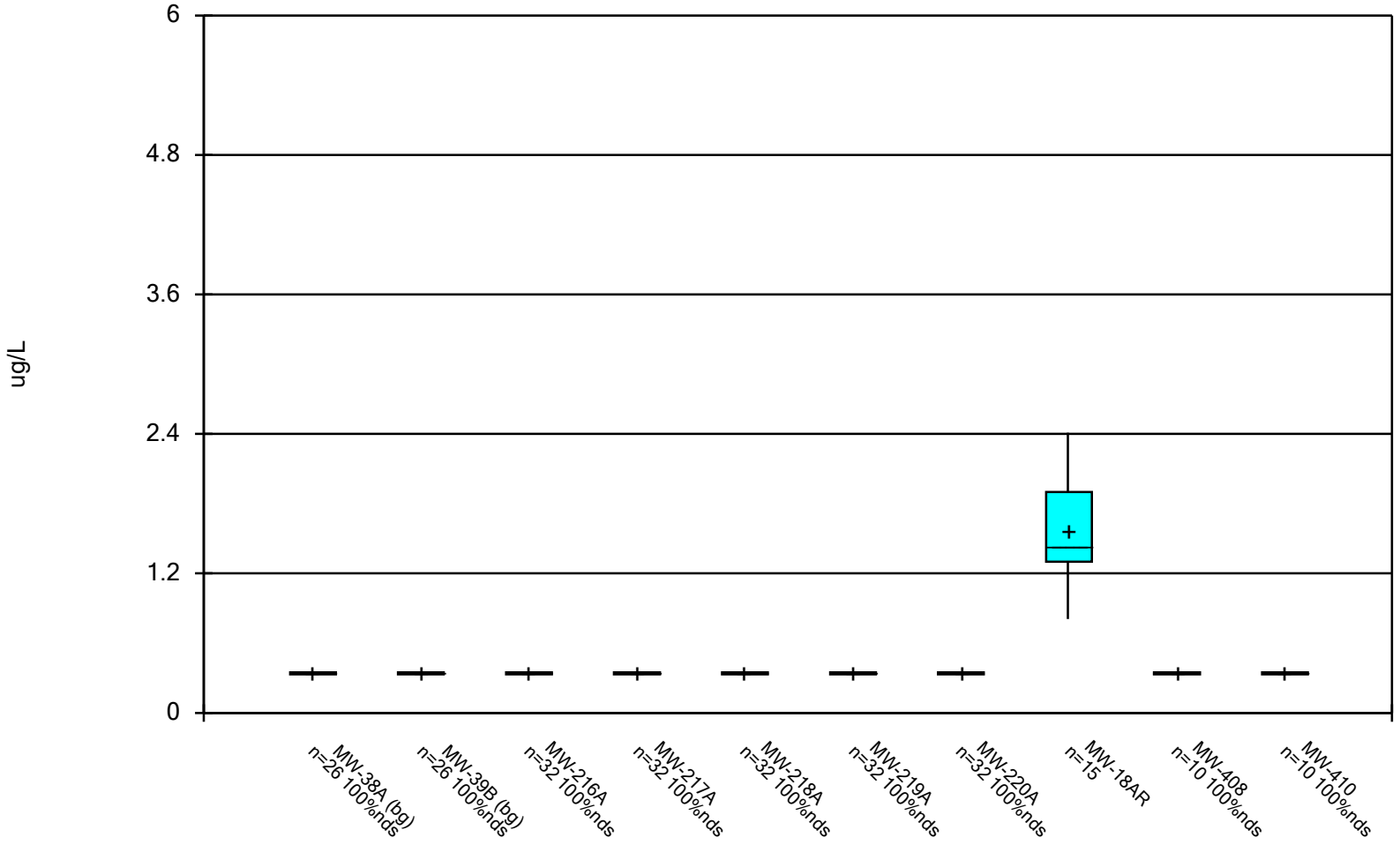


Constituent: Trichloroethene Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

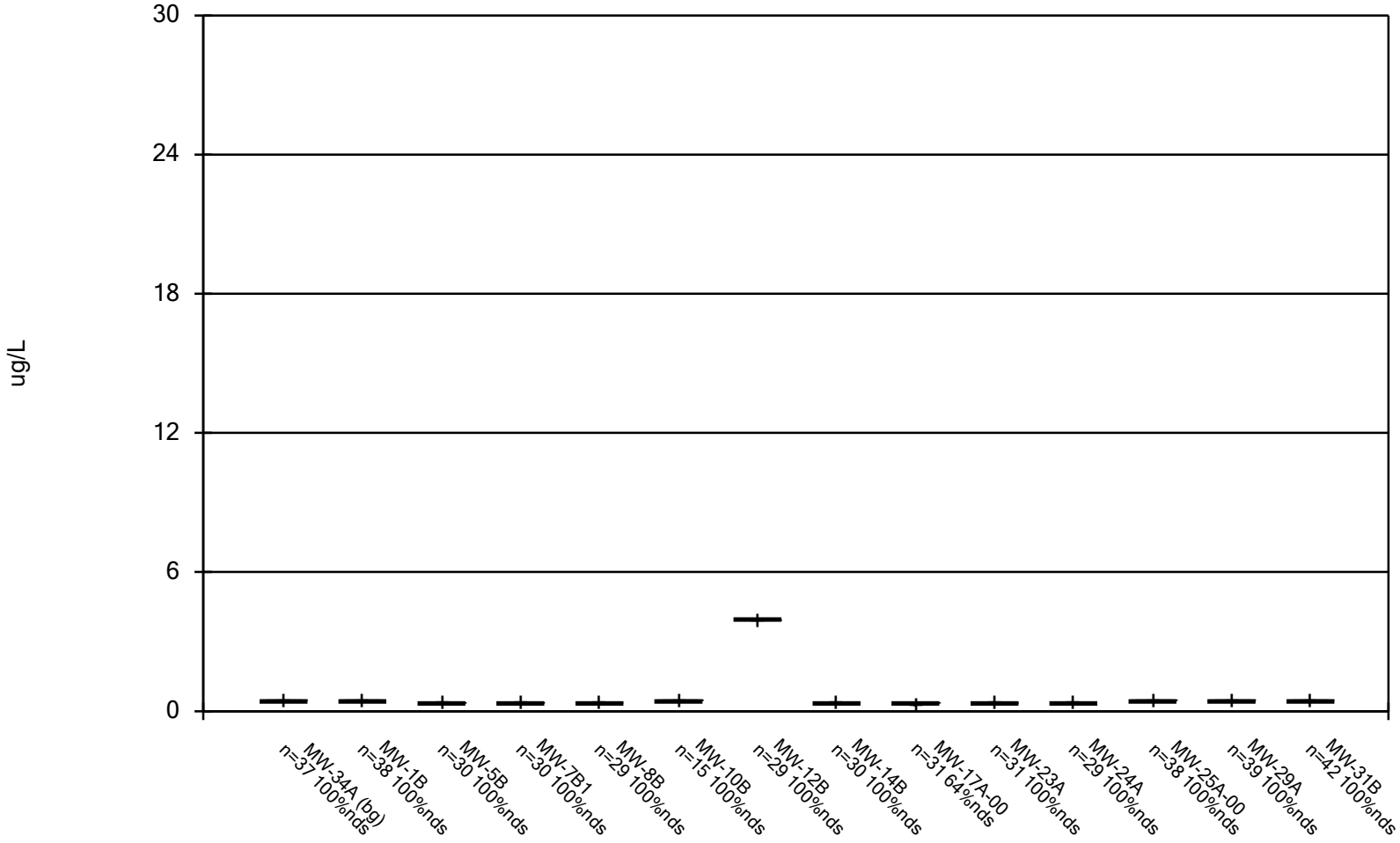


Constituent: Trichloroethene Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

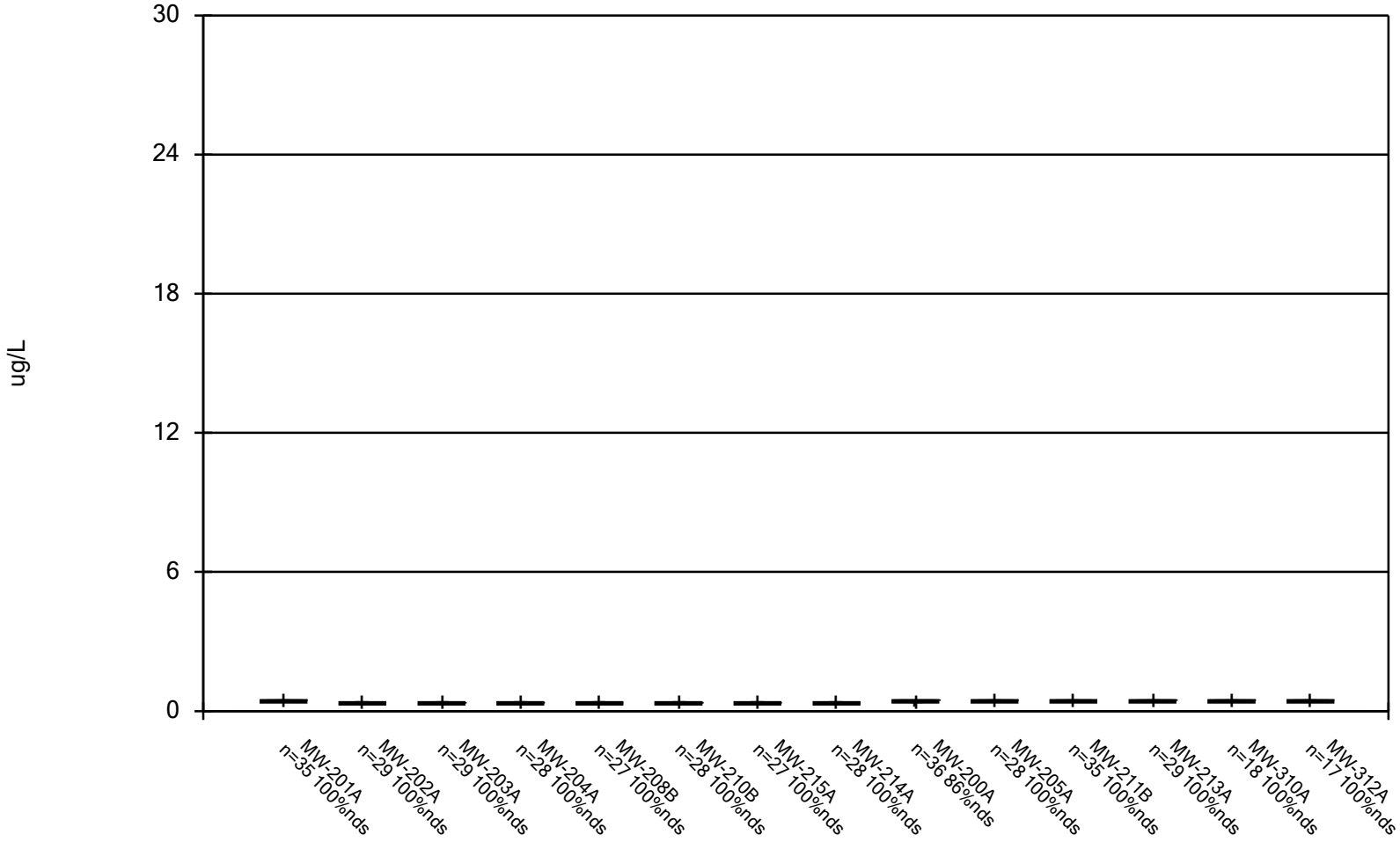


Constituent: Trichlorofluoromethane Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

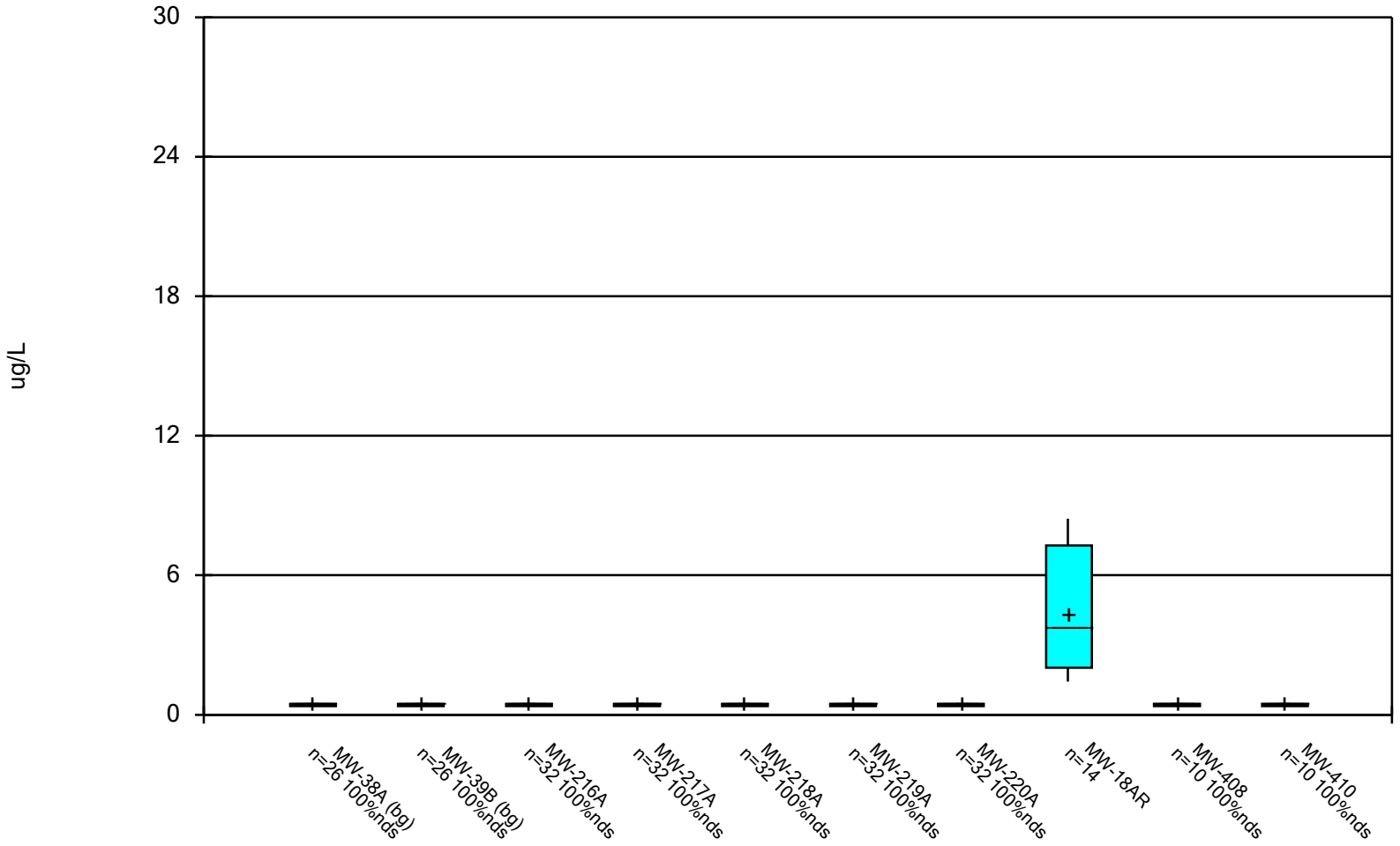


Constituent: Trichlorofluoromethane Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

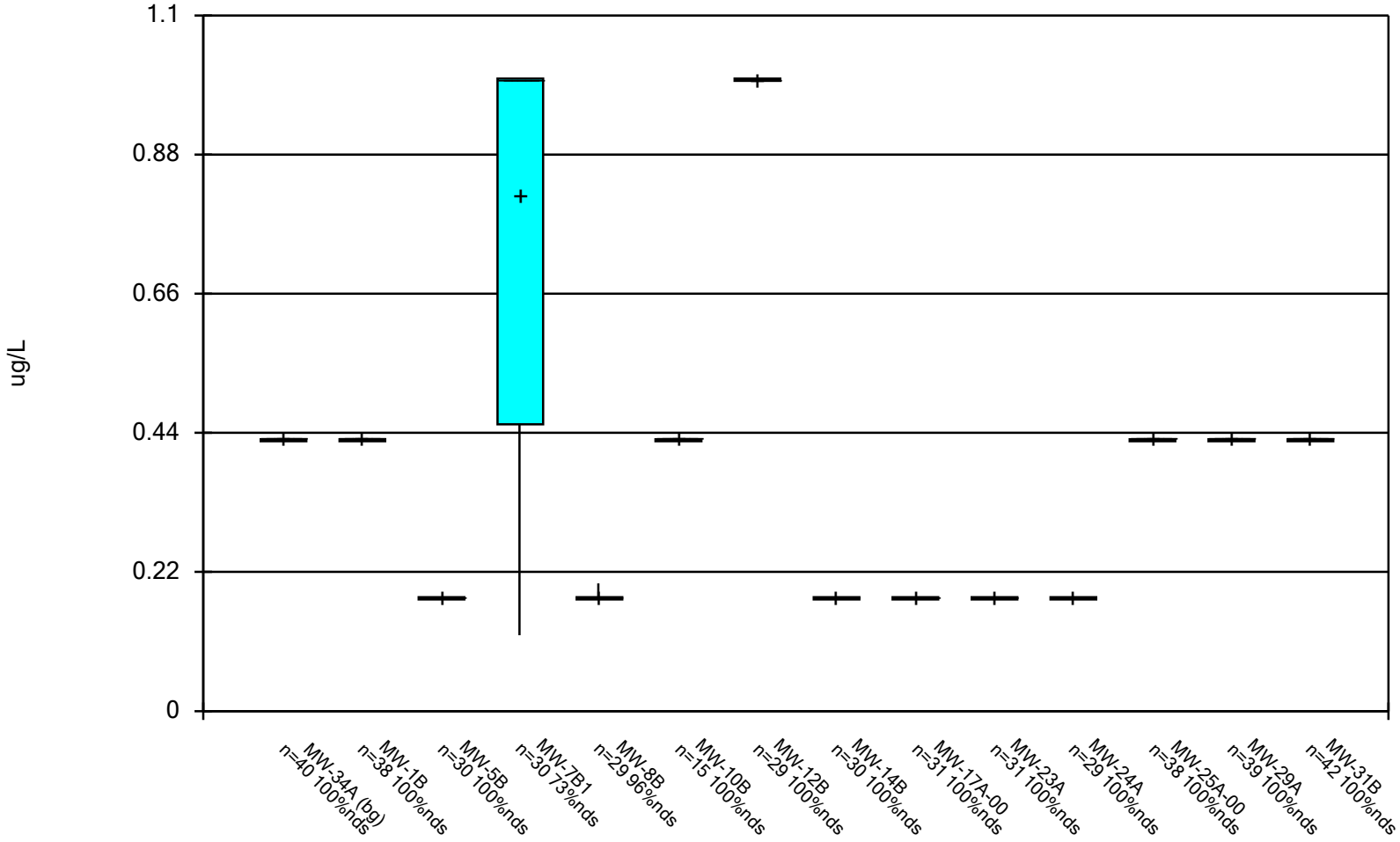


Constituent: Trichlorofluoromethane Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot

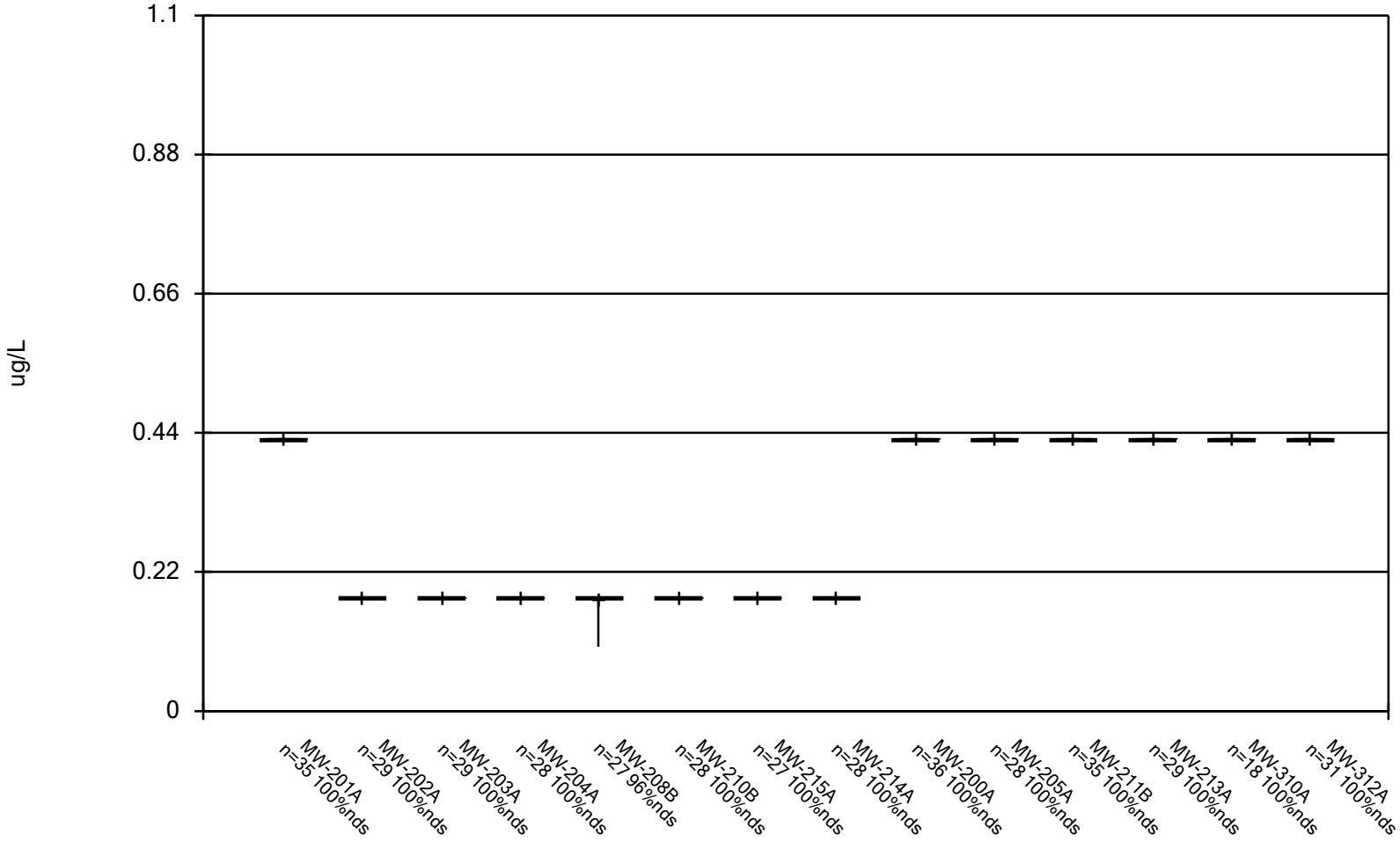


Constituent: Vinyl Chloride Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Sanitas™ v.10.1.08 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Vinyl Chloride Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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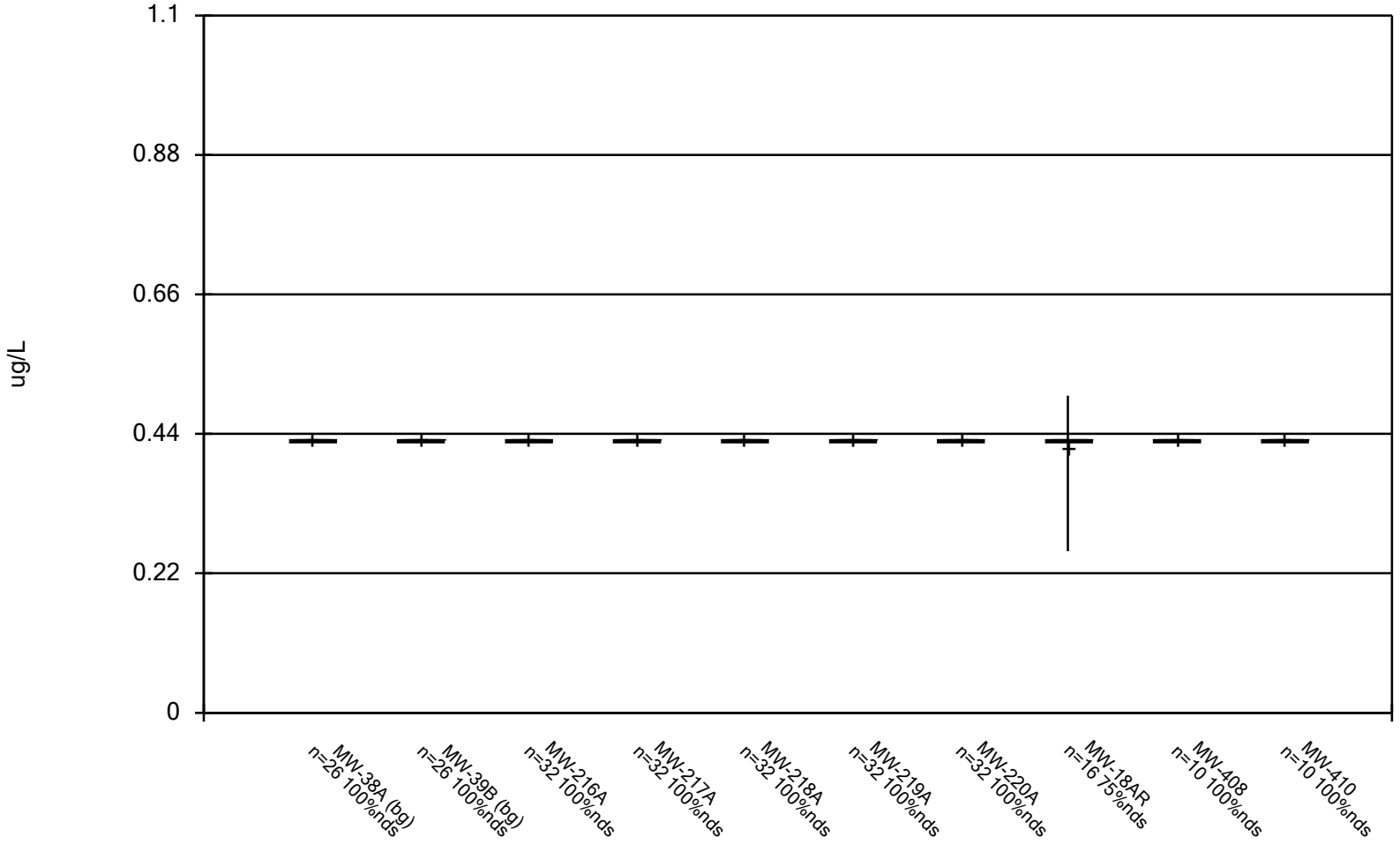
Box & Whiskers Plot



Constituent: Vinyl Chloride Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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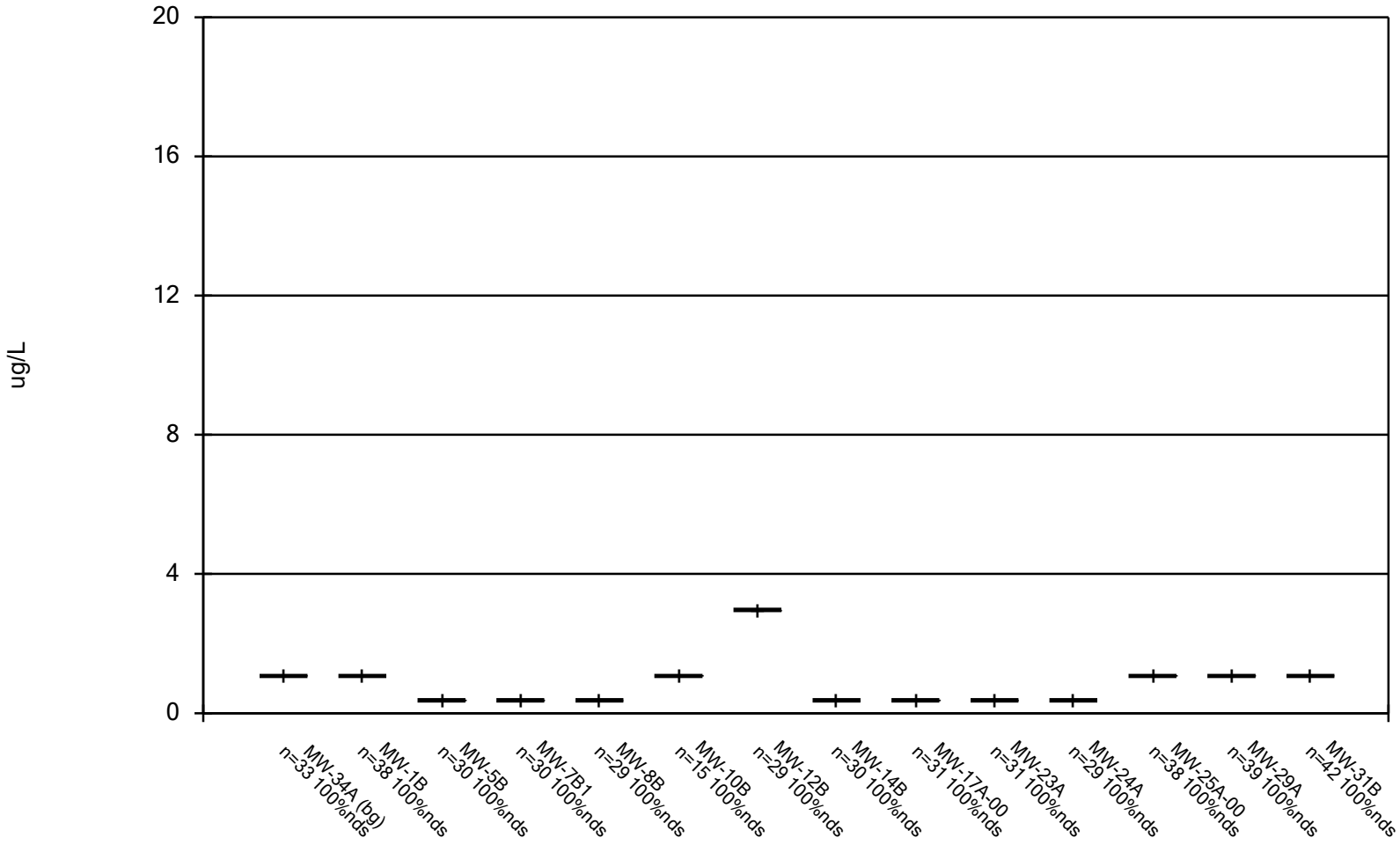
Box & Whiskers Plot



Constituent: Xylenes, Total Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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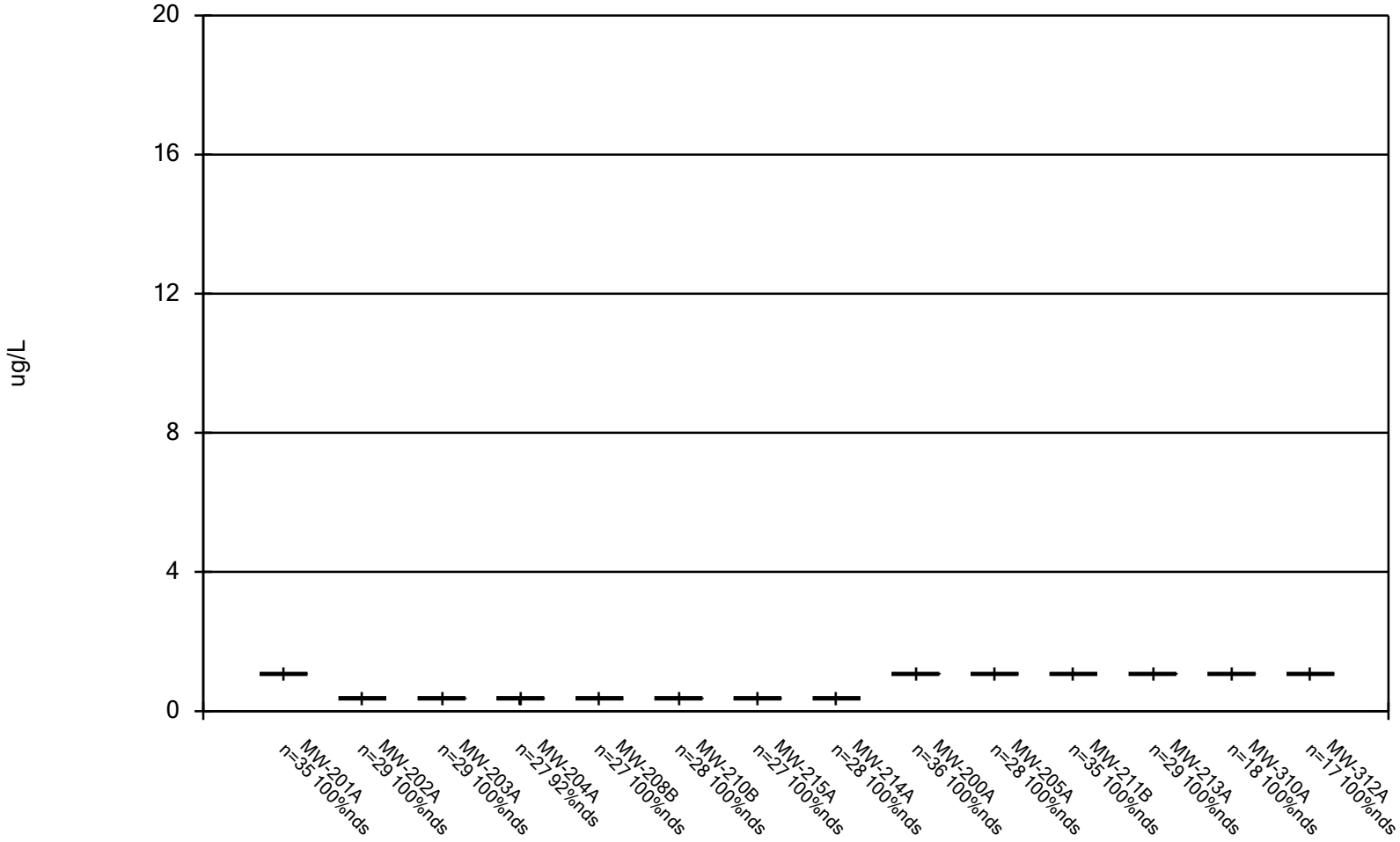
Box & Whiskers Plot



Constituent: Xylenes, Total Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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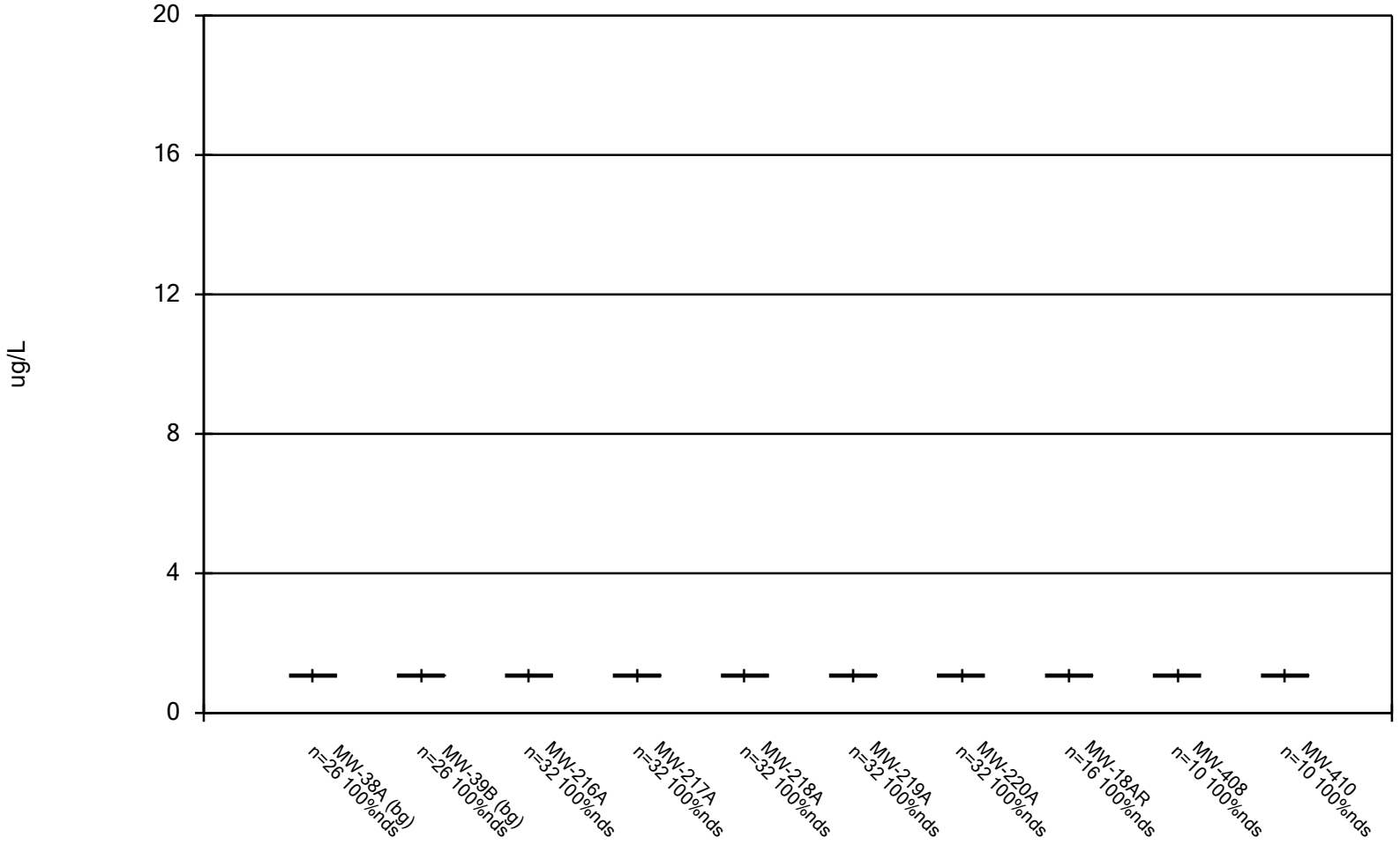
Box & Whiskers Plot



Constituent: Xylenes, Total Analysis Run 7/8/2026 10:23 AM View: 06A_MW_Organics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:37 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,1,1-Trichloroethane (ug/L)	MW-34A (bg)	37	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-1B	38	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-5B	30	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-7B1	30	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-8B	29	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-10B	15	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
1,1,1-Trichloroethane (ug/L)	MW-14B	30	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-17A-00	31	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-23A	31	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-24A	29	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-25A-00	38	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-29A	39	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-31B	42	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-201A	35	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-202A	29	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-203A	29	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-204A	28	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-208B	27	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-210B	28	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-215A	27	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-214A	28	0.19	0	0	0.19	0.19	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-200A	36	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-205A	28	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-211B	35	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-213A	29	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-310A	18	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-312A	17	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-38A (bg)	26	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-39B (bg)	26	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-216A	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-217A	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-218A	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-219A	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-220A	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-18AR	16	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-408	10	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1,1-Trichloroethane (ug/L)	MW-410	10	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
1,1-Dichloroethane (ug/L)	MW-34A (bg)	40	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-1B	38	0.3956	0.02693	0.004368	0.4	0.4	0.4	0.234	0.4	97.37
1,1-Dichloroethane (ug/L)	MW-5B	30	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-7B1	30	1.488	0.4584	0.08369	1.46	1.055	1.93	0.456	2.15	16.67
1,1-Dichloroethane (ug/L)	MW-8B	33	3.361	3.05	0.531	2.23	0.7915	5.15	0.22	12.6	18.18
1,1-Dichloroethane (ug/L)	MW-10B	15	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-12B	33	1.412	0.9122	0.1588	1	0.7915	2.3	0.267	3.2	27.27
1,1-Dichloroethane (ug/L)	MW-14B	30	0.9267	0.2433	0.04441	1	0.8055	1.035	0.292	1.33	40
1,1-Dichloroethane (ug/L)	MW-17A-00	31	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-23A	31	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-24A	29	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-25A-00	38	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:37 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,1-Dichloroethane (ug/L)	MW-29A	39	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-31B	42	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-201A	34	0.7298	0.7773	0.1333	0.4	0.4	0.646	0.4	3.35	73.53
1,1-Dichloroethane (ug/L)	MW-202A	29	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-203A	29	0.2218	0.009842	0.001828	0.22	0.22	0.22	0.22	0.273	96.55
1,1-Dichloroethane (ug/L)	MW-204A	28	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-208B	27	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-210B	28	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-215A	27	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-214A	28	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-200A	36	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-205A	28	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-211B	35	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-213A	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-310A	18	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-312A	17	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-38A (bg)	26	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-39B (bg)	26	0.3941	0.03001	0.005885	0.4	0.4	0.4	0.247	0.4	96.15
1,1-Dichloroethane (ug/L)	MW-216A	32	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-217A	32	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-218A	32	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-219A	32	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-220A	32	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-18AR	16	0.6099	0.3371	0.08426	0.5115	0.31	0.944	0.22	1.19	25
1,1-Dichloroethane (ug/L)	MW-408	10	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,1-Dichloroethane (ug/L)	MW-410	10	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
1,2-Dichloroethane (ug/L)	MW-34A (bg)	37	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-1B	38	0.8823	0.04737	0.007684	0.89	0.89	0.89	0.598	0.89	97.37
1,2-Dichloroethane (ug/L)	MW-5B	30	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-7B1	30	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-8B	29	0.3763	0.05134	0.009533	0.39	0.39	0.39	0.186	0.39	93.1
1,2-Dichloroethane (ug/L)	MW-10B	15	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
1,2-Dichloroethane (ug/L)	MW-14B	30	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-17A-00	31	0.3835	0.03628	0.006516	0.39	0.39	0.39	0.188	0.39	96.77
1,2-Dichloroethane (ug/L)	MW-23A	31	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-24A	29	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-25A-00	38	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-29A	39	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-31B	42	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-201A	35	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-202A	29	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-203A	29	0.3836	0.03454	0.006414	0.39	0.39	0.39	0.204	0.39	96.55
1,2-Dichloroethane (ug/L)	MW-204A	28	0.3904	0.01835	0.003468	0.39	0.39	0.39	0.339	0.469	89.29
1,2-Dichloroethane (ug/L)	MW-208B	27	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-210B	28	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-215A	27	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-214A	28	0.39	0	0	0.39	0.39	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-200A	36	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-205A	28	0.8736	0.08693	0.01643	0.89	0.89	0.89	0.43	0.89	96.43

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:37 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,2-Dichloroethane (ug/L)	MW-211B	35	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-213A	29	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-310A	18	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-312A	17	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-38A (bg)	26	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-39B (bg)	26	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-216A	32	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-217A	32	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-218A	32	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-219A	32	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-220A	32	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-18AR	16	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-408	10	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloroethane (ug/L)	MW-410	10	0.89	0	0	0.89	0.89	0.89	0.89	0.89	100
1,2-Dichloropropane (ug/L)	MW-34A (bg)	37	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-1B	38	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-5B	30	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-7B1	30	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-8B	29	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-10B	15	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
1,2-Dichloropropane (ug/L)	MW-14B	30	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-17A-00	31	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-23A	31	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-24A	29	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-25A-00	38	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-29A	39	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-31B	42	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-201A	35	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-202A	29	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-203A	29	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-204A	28	0.3739	0.3849	0.07274	0.27	0.27	0.27	0.27	1.91	92.86
1,2-Dichloropropane (ug/L)	MW-208B	27	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-210B	28	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-215A	27	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-214A	28	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-200A	36	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-205A	28	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-211B	35	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-213A	29	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-310A	18	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-312A	17	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-38A (bg)	26	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-39B (bg)	26	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-216A	32	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-217A	32	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-218A	32	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-219A	32	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-220A	32	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-18AR	16	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:37 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
1,2-Dichloropropane (ug/L)	MW-408	10	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
1,2-Dichloropropane (ug/L)	MW-410	10	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
2,4,5-TP [Silvex] (ug/L)	MW-34A (bg)	10	1.08	0	0	1.08	1.08	1.08	1.08	1.08	100
2,4,5-TP [Silvex] (ug/L)	MW-1B	5	0.0236	0	0	0.0236	0.0236	0.0236	0.0236	0.0236	100
2,4,5-TP [Silvex] (ug/L)	MW-5B	5	0.0242	0	0	0.0242	0.0242	0.0242	0.0242	0.0242	100
2,4,5-TP [Silvex] (ug/L)	MW-7B1	5	0.0246	0	0	0.0246	0.0246	0.0246	0.0246	0.0246	100
2,4,5-TP [Silvex] (ug/L)	MW-8B	5	0.0251	0	0	0.0251	0.0251	0.0251	0.0251	0.0251	100
2,4,5-TP [Silvex] (ug/L)	MW-10B	2	0.0231	0	0	0.0231	0.0231	0.0231	0.0231	0.0231	100
2,4,5-TP [Silvex] (ug/L)	MW-12B	4	0.8325	0.495	0.2475	1.08	0.585	1.08	0.09	1.08	75
2,4,5-TP [Silvex] (ug/L)	MW-14B	5	0.0238	0	0	0.0238	0.0238	0.0238	0.0238	0.0238	100
2,4,5-TP [Silvex] (ug/L)	MW-17A-00	5	0.0237	0	0	0.0237	0.0237	0.0237	0.0237	0.0237	100
2,4,5-TP [Silvex] (ug/L)	MW-23A	5	0.0234	0	0	0.0234	0.0234	0.0234	0.0234	0.0234	100
2,4,5-TP [Silvex] (ug/L)	MW-24A	5	0.0251	0	0	0.0251	0.0251	0.0251	0.0251	0.0251	100
2,4,5-TP [Silvex] (ug/L)	MW-25A-00	5	0.024	0	0	0.024	0.024	0.024	0.024	0.024	100
2,4,5-TP [Silvex] (ug/L)	MW-29A	7	0.03606	0.01603	0.006057	0.03	0.03	0.03	0.03	0.0724	85.71
2,4,5-TP [Silvex] (ug/L)	MW-31B	5	0.0228	0	0	0.0228	0.0228	0.0228	0.0228	0.0228	100
2,4,5-TP [Silvex] (ug/L)	MW-201A	4	0.0245	0	0	0.0245	0.0245	0.0245	0.0245	0.0245	100
2,4,5-TP [Silvex] (ug/L)	MW-202A	4	0.0243	0	0	0.0243	0.0243	0.0243	0.0243	0.0243	100
2,4,5-TP [Silvex] (ug/L)	MW-203A	4	0.0237	0	0	0.0237	0.0237	0.0237	0.0237	0.0237	100
2,4,5-TP [Silvex] (ug/L)	MW-204A	4	0.0236	0	0	0.0236	0.0236	0.0236	0.0236	0.0236	100
2,4,5-TP [Silvex] (ug/L)	MW-208B	4	0.0242	0	0	0.0242	0.0242	0.0242	0.0242	0.0242	100
2,4,5-TP [Silvex] (ug/L)	MW-210B	4	0.0221	0	0	0.0221	0.0221	0.0221	0.0221	0.0221	100
2,4,5-TP [Silvex] (ug/L)	MW-215A	4	0.0231	0	0	0.0231	0.0231	0.0231	0.0231	0.0231	100
2,4,5-TP [Silvex] (ug/L)	MW-214A	4	0.0246	0	0	0.0246	0.0246	0.0246	0.0246	0.0246	100
2,4,5-TP [Silvex] (ug/L)	MW-200A	3	0.5	0	0	0.5	0.5	0.5	0.5	0.5	100
2,4,5-TP [Silvex] (ug/L)	MW-205A	4	0.03	0	0	0.03	0.03	0.03	0.03	0.03	100
2,4,5-TP [Silvex] (ug/L)	MW-211B	3	0.5	0	0	0.5	0.5	0.5	0.5	0.5	100
2,4,5-TP [Silvex] (ug/L)	MW-213A	4	0.03	0	0	0.03	0.03	0.03	0.03	0.03	100
2,4,5-TP [Silvex] (ug/L)	MW-310A	1	1	0	0	1	1	1	1	1	100
2,4,5-TP [Silvex] (ug/L)	MW-312A	1	1	0	0	1	1	1	1	1	100
2,4,5-TP [Silvex] (ug/L)	MW-38A (bg)	3	1.04	0	0	1.04	1.04	1.04	1.04	1.04	100
2,4,5-TP [Silvex] (ug/L)	MW-216A	3	1.13	0	0	1.13	1.13	1.13	1.13	1.13	100
2,4,5-TP [Silvex] (ug/L)	MW-217A	3	1.13	0	0	1.13	1.13	1.13	1.13	1.13	100
2,4,5-TP [Silvex] (ug/L)	MW-218A	3	1.08	0	0	1.08	1.08	1.08	1.08	1.08	100
2,4,5-TP [Silvex] (ug/L)	MW-219A	3	1.09	0	0	1.09	1.09	1.09	1.09	1.09	100
2,4,5-TP [Silvex] (ug/L)	MW-220A	3	1.12	0	0	1.12	1.12	1.12	1.12	1.12	100
2,4,5-TP [Silvex] (ug/L)	MW-18AR	2	0.5	0	0	0.5	0.5	0.5	0.5	0.5	100
2,4-Dimethylphenol (ug/L)	MW-34A (bg)	3	10.2	0	0	10.2	10.2	10.2	10.2	10.2	100
2,4-Dimethylphenol (ug/L)	MW-1B	5	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-5B	5	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-7B1	5	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-8B	5	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-10B	2	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-12B	4	8	0	0	8	8	8	8	8	100
2,4-Dimethylphenol (ug/L)	MW-14B	5	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-17A-00	5	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-23A	5	0.569	0	0	0.569	0.569	0.569	0.569	0.569	100
2,4-Dimethylphenol (ug/L)	MW-24A	5	0.592	0	0	0.592	0.592	0.592	0.592	0.592	100
2,4-Dimethylphenol (ug/L)	MW-25A-00	5	0.617	0	0	0.617	0.617	0.617	0.617	0.617	100
2,4-Dimethylphenol (ug/L)	MW-29A	5	0.592	0	0	0.592	0.592	0.592	0.592	0.592	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:37 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
2,4-Dimethylphenol (ug/L)	MW-31B	5	0.617	0	0	0.617	0.617	0.617	0.617	0.617	100
2,4-Dimethylphenol (ug/L)	MW-201A	4	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-202A	4	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-203A	4	0.617	0	0	0.617	0.617	0.617	0.617	0.617	100
2,4-Dimethylphenol (ug/L)	MW-204A	4	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-208B	4	0.592	0	0	0.592	0.592	0.592	0.592	0.592	100
2,4-Dimethylphenol (ug/L)	MW-210B	4	0.58	0	0	0.58	0.58	0.58	0.58	0.58	100
2,4-Dimethylphenol (ug/L)	MW-215A	4	0.617	0	0	0.617	0.617	0.617	0.617	0.617	100
2,4-Dimethylphenol (ug/L)	MW-214A	4	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-200A	3	8	0	0	8	8	8	8	8	100
2,4-Dimethylphenol (ug/L)	MW-205A	4	0.63	0	0	0.63	0.63	0.63	0.63	0.63	100
2,4-Dimethylphenol (ug/L)	MW-211B	3	8	0	0	8	8	8	8	8	100
2,4-Dimethylphenol (ug/L)	MW-213A	4	0.604	0	0	0.604	0.604	0.604	0.604	0.604	100
2,4-Dimethylphenol (ug/L)	MW-310A	1	10	0	0	10	10	10	10	10	100
2,4-Dimethylphenol (ug/L)	MW-312A	1	10	0	0	10	10	10	10	10	100
2,4-Dimethylphenol (ug/L)	MW-38A (bg)	1	10.1	0	0	10.1	10.1	10.1	10.1	10.1	100
2,4-Dimethylphenol (ug/L)	MW-216A	3	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
2,4-Dimethylphenol (ug/L)	MW-217A	3	10	0	0	10	10	10	10	10	100
2,4-Dimethylphenol (ug/L)	MW-218A	3	9.8	0	0	9.8	9.8	9.8	9.8	9.8	100
2,4-Dimethylphenol (ug/L)	MW-219A	5	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
2,4-Dimethylphenol (ug/L)	MW-220A	3	10	0	0	10	10	10	10	10	100
2,4-Dimethylphenol (ug/L)	MW-18AR	2	8	0	0	8	8	8	8	8	100
2-Butanone [MEK] (ug/L)	MW-34A (bg)	37	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-1B	38	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-5B	30	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-7B1	30	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-8B	29	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-10B	15	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-12B	29	10	0	0	10	10	10	10	10	100
2-Butanone [MEK] (ug/L)	MW-14B	30	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-17A-00	31	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-23A	31	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-24A	29	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-25A-00	38	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-29A	39	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-31B	42	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-201A	35	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-202A	29	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-203A	29	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-204A	28	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-208B	27	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-210B	28	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-215A	27	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-214A	28	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-200A	36	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-205A	28	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-211B	35	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-213A	29	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-310A	18	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-312A	17	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:37 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
2-Butanone [MEK] (ug/L)	MW-38A (bg)	26	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-39B (bg)	26	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-216A	31	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-217A	32	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-218A	32	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-219A	32	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-220A	32	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-18AR	16	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-408	10	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Butanone [MEK] (ug/L)	MW-410	10	3.4	0	0	3.4	3.4	3.4	3.4	3.4	100
2-Methylnaphthalene (ug/L)	MW-34A (bg)	3	10.2	0	0	10.2	10.2	10.2	10.2	10.2	100
2-Methylnaphthalene (ug/L)	MW-1B	5	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-5B	5	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-7B1	5	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-8B	5	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-10B	2	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-12B	4	8	0	0	8	8	8	8	8	100
2-Methylnaphthalene (ug/L)	MW-14B	5	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-17A-00	5	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-23A	5	0.578	0	0	0.578	0.578	0.578	0.578	0.578	100
2-Methylnaphthalene (ug/L)	MW-24A	5	0.602	0	0	0.602	0.602	0.602	0.602	0.602	100
2-Methylnaphthalene (ug/L)	MW-25A-00	5	0.628	0	0	0.628	0.628	0.628	0.628	0.628	100
2-Methylnaphthalene (ug/L)	MW-29A	5	0.602	0	0	0.602	0.602	0.602	0.602	0.602	100
2-Methylnaphthalene (ug/L)	MW-31B	5	0.628	0	0	0.628	0.628	0.628	0.628	0.628	100
2-Methylnaphthalene (ug/L)	MW-201A	4	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-202A	4	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-203A	4	0.628	0	0	0.628	0.628	0.628	0.628	0.628	100
2-Methylnaphthalene (ug/L)	MW-204A	4	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-208B	4	0.602	0	0	0.602	0.602	0.602	0.602	0.602	100
2-Methylnaphthalene (ug/L)	MW-210B	4	0.59	0	0	0.59	0.59	0.59	0.59	0.59	100
2-Methylnaphthalene (ug/L)	MW-215A	4	0.628	0	0	0.628	0.628	0.628	0.628	0.628	100
2-Methylnaphthalene (ug/L)	MW-214A	4	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-200A	3	8	0	0	8	8	8	8	8	100
2-Methylnaphthalene (ug/L)	MW-205A	4	0.641	0	0	0.641	0.641	0.641	0.641	0.641	100
2-Methylnaphthalene (ug/L)	MW-211B	3	8	0	0	8	8	8	8	8	100
2-Methylnaphthalene (ug/L)	MW-213A	4	0.615	0	0	0.615	0.615	0.615	0.615	0.615	100
2-Methylnaphthalene (ug/L)	MW-310A	1	10	0	0	10	10	10	10	10	100
2-Methylnaphthalene (ug/L)	MW-312A	1	10	0	0	10	10	10	10	10	100
2-Methylnaphthalene (ug/L)	MW-38A (bg)	1	10.1	0	0	10.1	10.1	10.1	10.1	10.1	100
2-Methylnaphthalene (ug/L)	MW-216A	3	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
2-Methylnaphthalene (ug/L)	MW-217A	3	10	0	0	10	10	10	10	10	100
2-Methylnaphthalene (ug/L)	MW-218A	3	9.8	0	0	9.8	9.8	9.8	9.8	9.8	100
2-Methylnaphthalene (ug/L)	MW-219A	5	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
2-Methylnaphthalene (ug/L)	MW-220A	3	10	0	0	10	10	10	10	10	100
2-Methylnaphthalene (ug/L)	MW-18AR	2	8	0	0	8	8	8	8	8	100
2-Methylphenol (ug/L)	MW-34A (bg)	3	10.2	0	0	10.2	10.2	10.2	10.2	10.2	100
2-Methylphenol (ug/L)	MW-1B	5	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-5B	5	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-7B1	5	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-8B	5	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:37 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
2-Methylphenol (ug/L)	MW-10B	2	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-12B	4	8	0	0	8	8	8	8	8	100
2-Methylphenol (ug/L)	MW-14B	5	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-17A-00	5	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-23A	5	0.637	0	0	0.637	0.637	0.637	0.637	0.637	100
2-Methylphenol (ug/L)	MW-24A	5	0.663	0	0	0.663	0.663	0.663	0.663	0.663	100
2-Methylphenol (ug/L)	MW-25A-00	5	0.691	0	0	0.691	0.691	0.691	0.691	0.691	100
2-Methylphenol (ug/L)	MW-29A	5	0.663	0	0	0.663	0.663	0.663	0.663	0.663	100
2-Methylphenol (ug/L)	MW-31B	5	0.691	0	0	0.691	0.691	0.691	0.691	0.691	100
2-Methylphenol (ug/L)	MW-201A	4	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-202A	4	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-203A	4	0.691	0	0	0.691	0.691	0.691	0.691	0.691	100
2-Methylphenol (ug/L)	MW-204A	4	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-208B	4	0.663	0	0	0.663	0.663	0.663	0.663	0.663	100
2-Methylphenol (ug/L)	MW-210B	4	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
2-Methylphenol (ug/L)	MW-215A	4	0.691	0	0	0.691	0.691	0.691	0.691	0.691	100
2-Methylphenol (ug/L)	MW-214A	4	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-200A	3	8	0	0	8	8	8	8	8	100
2-Methylphenol (ug/L)	MW-205A	4	0.707	0	0	0.707	0.707	0.707	0.707	0.707	100
2-Methylphenol (ug/L)	MW-211B	3	8	0	0	8	8	8	8	8	100
2-Methylphenol (ug/L)	MW-213A	4	0.677	0	0	0.677	0.677	0.677	0.677	0.677	100
2-Methylphenol (ug/L)	MW-310A	1	10	0	0	10	10	10	10	10	100
2-Methylphenol (ug/L)	MW-312A	1	10	0	0	10	10	10	10	10	100
2-Methylphenol (ug/L)	MW-38A (bg)	1	10.1	0	0	10.1	10.1	10.1	10.1	10.1	100
2-Methylphenol (ug/L)	MW-216A	3	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
2-Methylphenol (ug/L)	MW-217A	3	10	0	0	10	10	10	10	10	100
2-Methylphenol (ug/L)	MW-218A	3	9.8	0	0	9.8	9.8	9.8	9.8	9.8	100
2-Methylphenol (ug/L)	MW-219A	5	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
2-Methylphenol (ug/L)	MW-220A	3	10	0	0	10	10	10	10	10	100
2-Methylphenol (ug/L)	MW-18AR	2	8	0	0	8	8	8	8	8	100
4,4`-DDD (ug/L)	MW-34A (bg)	3	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
4,4`-DDD (ug/L)	MW-1B	5	0.0226	0	0	0.0226	0.0226	0.0226	0.0226	0.0226	100
4,4`-DDD (ug/L)	MW-5B	5	0.0225	0	0	0.0225	0.0225	0.0225	0.0225	0.0225	100
4,4`-DDD (ug/L)	MW-7B1	6	0.0229	0	0	0.0229	0.0229	0.0229	0.0229	0.0229	100
4,4`-DDD (ug/L)	MW-8B	7	0.02173	0.00287	0.001085	0.023	0.0218	0.023	0.0153	0.023	71.43
4,4`-DDD (ug/L)	MW-10B	2	0.0225	0	0	0.0225	0.0225	0.0225	0.0225	0.0225	100
4,4`-DDD (ug/L)	MW-12B	4	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
4,4`-DDD (ug/L)	MW-14B	5	0.0226	0	0	0.0226	0.0226	0.0226	0.0226	0.0226	100
4,4`-DDD (ug/L)	MW-17A-00	5	0.0227	0	0	0.0227	0.0227	0.0227	0.0227	0.0227	100
4,4`-DDD (ug/L)	MW-23A	5	0.022	0	0	0.022	0.022	0.022	0.022	0.022	100
4,4`-DDD (ug/L)	MW-24A	5	0.0227	0	0	0.0227	0.0227	0.0227	0.0227	0.0227	100
4,4`-DDD (ug/L)	MW-25A-00	5	0.0226	0	0	0.0226	0.0226	0.0226	0.0226	0.0226	100
4,4`-DDD (ug/L)	MW-29A	5	0.0224	0	0	0.0224	0.0224	0.0224	0.0224	0.0224	100
4,4`-DDD (ug/L)	MW-31B	5	0.0224	0	0	0.0224	0.0224	0.0224	0.0224	0.0224	100
4,4`-DDD (ug/L)	MW-201A	4	0.0227	0	0	0.0227	0.0227	0.0227	0.0227	0.0227	100
4,4`-DDD (ug/L)	MW-202A	4	0.0224	0	0	0.0224	0.0224	0.0224	0.0224	0.0224	100
4,4`-DDD (ug/L)	MW-203A	4	0.0226	0	0	0.0226	0.0226	0.0226	0.0226	0.0226	100
4,4`-DDD (ug/L)	MW-204A	4	0.023	0	0	0.023	0.023	0.023	0.023	0.023	100
4,4`-DDD (ug/L)	MW-208B	14	0.02286	0.006677	0.001785	0.0226	0.0226	0.02445	0.0032	0.0337	71.43
4,4`-DDD (ug/L)	MW-210B	4	0.0226	0	0	0.0226	0.0226	0.0226	0.0226	0.0226	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:37 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
4,4`-DDD (ug/L)	MW-215A	4	0.0226	0	0	0.0226	0.0226	0.0226	0.0226	0.0226	100
4,4`-DDD (ug/L)	MW-214A	4	0.0226	0	0	0.0226	0.0226	0.0226	0.0226	0.0226	100
4,4`-DDD (ug/L)	MW-200A	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
4,4`-DDD (ug/L)	MW-205A	4	0.01524	0.004725	0.002362	0.0176	0.01287	0.0176	0.00815	0.0176	75
4,4`-DDD (ug/L)	MW-211B	3	0.03634	0.02365	0.01366	0.05	0.00903	0.05	0.00903	0.05	66.67
4,4`-DDD (ug/L)	MW-213A	4	0.0178	0	0	0.0178	0.0178	0.0178	0.0178	0.0178	100
4,4`-DDD (ug/L)	MW-310A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
4,4`-DDD (ug/L)	MW-312A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
4,4`-DDD (ug/L)	MW-38A (bg)	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
4,4`-DDD (ug/L)	MW-216A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
4,4`-DDD (ug/L)	MW-217A	3	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
4,4`-DDD (ug/L)	MW-218A	3	0.0711	0	0	0.0711	0.0711	0.0711	0.0711	0.0711	100
4,4`-DDD (ug/L)	MW-219A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
4,4`-DDD (ug/L)	MW-220A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
4,4`-DDD (ug/L)	MW-18AR	2	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
4,4`-DDT (ug/L)	MW-34A (bg)	3	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
4,4`-DDT (ug/L)	MW-1B	5	0.0181	0	0	0.0181	0.0181	0.0181	0.0181	0.0181	100
4,4`-DDT (ug/L)	MW-5B	5	0.018	0	0	0.018	0.018	0.018	0.018	0.018	100
4,4`-DDT (ug/L)	MW-7B1	6	0.0183	0	0	0.0183	0.0183	0.0183	0.0183	0.0183	100
4,4`-DDT (ug/L)	MW-8B	7	0.0184	0	0	0.0184	0.0184	0.0184	0.0184	0.0184	100
4,4`-DDT (ug/L)	MW-10B	2	0.018	0	0	0.018	0.018	0.018	0.018	0.018	100
4,4`-DDT (ug/L)	MW-12B	4	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
4,4`-DDT (ug/L)	MW-14B	5	0.0181	0	0	0.0181	0.0181	0.0181	0.0181	0.0181	100
4,4`-DDT (ug/L)	MW-17A-00	5	0.0182	0	0	0.0182	0.0182	0.0182	0.0182	0.0182	100
4,4`-DDT (ug/L)	MW-23A	5	0.0176	0	0	0.0176	0.0176	0.0176	0.0176	0.0176	100
4,4`-DDT (ug/L)	MW-24A	5	0.0181	0	0	0.0181	0.0181	0.0181	0.0181	0.0181	100
4,4`-DDT (ug/L)	MW-25A-00	5	0.0181	0	0	0.0181	0.0181	0.0181	0.0181	0.0181	100
4,4`-DDT (ug/L)	MW-29A	5	0.0179	0	0	0.0179	0.0179	0.0179	0.0179	0.0179	100
4,4`-DDT (ug/L)	MW-31B	5	0.0179	0	0	0.0179	0.0179	0.0179	0.0179	0.0179	100
4,4`-DDT (ug/L)	MW-201A	4	0.0181	0	0	0.0181	0.0181	0.0181	0.0181	0.0181	100
4,4`-DDT (ug/L)	MW-202A	4	0.0179	0	0	0.0179	0.0179	0.0179	0.0179	0.0179	100
4,4`-DDT (ug/L)	MW-203A	4	0.018	0	0	0.018	0.018	0.018	0.018	0.018	100
4,4`-DDT (ug/L)	MW-204A	4	0.0184	0	0	0.0184	0.0184	0.0184	0.0184	0.0184	100
4,4`-DDT (ug/L)	MW-208B	20	0.01794	0.006283	0.001405	0.018	0.018	0.018	0.00411	0.0398	85
4,4`-DDT (ug/L)	MW-210B	4	0.0181	0	0	0.0181	0.0181	0.0181	0.0181	0.0181	100
4,4`-DDT (ug/L)	MW-215A	4	0.0181	0	0	0.0181	0.0181	0.0181	0.0181	0.0181	100
4,4`-DDT (ug/L)	MW-214A	4	0.0181	0	0	0.0181	0.0181	0.0181	0.0181	0.0181	100
4,4`-DDT (ug/L)	MW-200A	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
4,4`-DDT (ug/L)	MW-205A	4	0.01373	0.00175	0.000875	0.0146	0.01285	0.0146	0.0111	0.0146	75
4,4`-DDT (ug/L)	MW-211B	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
4,4`-DDT (ug/L)	MW-213A	4	0.0148	0	0	0.0148	0.0148	0.0148	0.0148	0.0148	100
4,4`-DDT (ug/L)	MW-310A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
4,4`-DDT (ug/L)	MW-312A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
4,4`-DDT (ug/L)	MW-38A (bg)	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
4,4`-DDT (ug/L)	MW-216A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
4,4`-DDT (ug/L)	MW-217A	3	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
4,4`-DDT (ug/L)	MW-218A	3	0.0711	0	0	0.0711	0.0711	0.0711	0.0711	0.0711	100
4,4`-DDT (ug/L)	MW-219A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
4,4`-DDT (ug/L)	MW-220A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
4,4`-DDT (ug/L)	MW-18AR	2	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:37 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-34A (bg)	33	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-1B	38	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-5B	30	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-7B1	30	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-8B	29	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-10B	15	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-12B	29	10	0	0	10	10	10	10	10	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-14B	30	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-17A-00	31	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-23A	31	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-24A	29	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-25A-00	38	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-29A	39	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-31B	42	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-201A	35	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-202A	29	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-203A	29	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-204A	28	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-208B	27	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-210B	28	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-215A	27	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-214A	28	2.1	0	0	2.1	2.1	2.1	2.1	2.1	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-200A	36	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-205A	28	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-211B	35	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-213A	29	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-310A	18	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-312A	17	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-38A (bg)	26	3.419	0.4118	0.08077	3.5	3.5	3.5	1.4	3.5	96.15
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-39B (bg)	26	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-216A	32	3.441	0.3359	0.05938	3.5	3.5	3.5	1.6	3.5	96.88
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-217A	32	3.441	0.3359	0.05938	3.5	3.5	3.5	1.6	3.5	96.88
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-218A	32	3.431	0.3889	0.06875	3.5	3.5	3.5	1.3	3.5	96.88
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-219A	32	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-220A	32	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-18AR	16	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-408	10	3.5	0	0	3.5	3.5	3.5	3.5	3.5	100
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-410	10	3.26	0.7589	0.24	3.5	3.5	3.5	1.1	3.5	90
Acetone (ug/L)	MW-34A (bg)	37	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
Acetone (ug/L)	MW-1B	38	3.779	0.1435	0.02328	3.8	3.8	3.8	2.92	3.87	94.74
Acetone (ug/L)	MW-5B	30	3.248	1.058	0.1932	3.1	3.1	3.1	2.18	8.61	76.67
Acetone (ug/L)	MW-7B1	30	3.145	0.3266	0.05962	3.1	3.1	3.1	2.41	4.67	90
Acetone (ug/L)	MW-8B	28	3.216	0.3485	0.06586	3.1	3.1	3.1	3.1	4.41	85.71
Acetone (ug/L)	MW-10B	15	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
Acetone (ug/L)	MW-12B	29	9.339	2.006	0.3725	10	10	10	2.29	10	89.66
Acetone (ug/L)	MW-14B	30	3.033	0.2207	0.0403	3.1	3.1	3.1	2.35	3.22	86.67
Acetone (ug/L)	MW-17A-00	31	3.102	0.2055	0.0369	3.1	3.1	3.1	2.34	3.93	93.55
Acetone (ug/L)	MW-23A	30	3.206	0.5548	0.1013	3.1	3.1	3.1	3.1	6.14	93.33
Acetone (ug/L)	MW-24A	29	3.111	0.06523	0.01211	3.1	3.1	3.1	3.08	3.45	93.1
Acetone (ug/L)	MW-25A-00	38	3.723	0.3454	0.05603	3.8	3.8	3.8	1.93	3.8	94.74

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:37 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Acetone (ug/L)	MW-29A	39	3.74	0.3145	0.05037	3.8	3.8	3.8	1.87	3.8	94.87
Acetone (ug/L)	MW-31B	42	3.792	0.3255	0.05023	3.8	3.8	3.8	2.17	5.1	95.24
Acetone (ug/L)	MW-201A	35	3.767	0.1369	0.02313	3.8	3.8	3.8	3.12	3.8	94.29
Acetone (ug/L)	MW-202A	29	3.1	0	0	3.1	3.1	3.1	3.1	3.1	100
Acetone (ug/L)	MW-203A	29	3.141	0.2191	0.04069	3.1	3.1	3.1	3.1	4.28	96.55
Acetone (ug/L)	MW-204A	28	3.226	0.8061	0.1523	3.1	3.1	3.1	2.44	7.29	92.86
Acetone (ug/L)	MW-208B	27	3.081	0.2293	0.04412	3.1	3.1	3.1	2.11	3.6	85.19
Acetone (ug/L)	MW-210B	28	3.201	0.6061	0.1145	3.1	3.1	3.1	2.71	6.27	85.71
Acetone (ug/L)	MW-215A	27	3.04	0.3708	0.07136	3.1	3.1	3.1	1.83	3.93	88.89
Acetone (ug/L)	MW-214A	28	3.071	0.2229	0.04213	3.1	3.1	3.1	2.32	3.7	89.29
Acetone (ug/L)	MW-200A	36	3.863	0.38	0.06333	3.8	3.8	3.8	3.8	6.08	97.22
Acetone (ug/L)	MW-205A	28	3.977	0.6569	0.1241	3.8	3.8	3.8	3.78	6.58	89.29
Acetone (ug/L)	MW-211B	35	4.099	1.246	0.2106	3.8	3.8	3.8	2.955	10.2	82.86
Acetone (ug/L)	MW-213A	29	3.822	0.4481	0.0832	3.8	3.8	3.8	2.89	5.92	89.66
Acetone (ug/L)	MW-310A	18	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
Acetone (ug/L)	MW-312A	17	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
Acetone (ug/L)	MW-38A (bg)	26	3.607	0.5642	0.1107	3.8	3.8	3.8	1.82	3.8	88.46
Acetone (ug/L)	MW-39B (bg)	26	3.743	0.3916	0.07679	3.8	3.8	3.8	1.87	4.24	92.31
Acetone (ug/L)	MW-216A	32	3.783	0.09723	0.01719	3.8	3.8	3.8	3.25	3.8	96.88
Acetone (ug/L)	MW-217A	32	3.783	0.1151	0.02034	3.8	3.8	3.8	3.16	3.9	93.75
Acetone (ug/L)	MW-218A	32	3.751	0.2758	0.04875	3.8	3.8	3.8	2.24	3.8	96.88
Acetone (ug/L)	MW-219A	32	3.815	0.08309	0.01469	3.8	3.8	3.8	3.8	4.27	96.88
Acetone (ug/L)	MW-220A	32	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
Acetone (ug/L)	MW-18AR	16	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
Acetone (ug/L)	MW-408	10	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
Acetone (ug/L)	MW-410	10	3.8	0	0	3.8	3.8	3.8	3.8	3.8	100
Benzene (ug/L)	MW-34A (bg)	43	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-1B	38	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-5B	30	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-7B1	30	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-8B	29	0.2364	0.04266	0.007922	0.22	0.22	0.242	0.194	0.425	62.07
Benzene (ug/L)	MW-10B	15	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-12B	29	0.5	0	0	0.5	0.5	0.5	0.5	0.5	100
Benzene (ug/L)	MW-14B	30	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-17A-00	31	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-23A	31	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-24A	29	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-25A-00	38	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-29A	39	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-31B	42	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-201A	35	0.2172	0.01764	0.002981	0.22	0.22	0.22	0.116	0.226	94.29
Benzene (ug/L)	MW-202A	29	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-203A	29	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-204A	32	2.588	2.737	0.4839	1.38	0.22	4.72	0.211	9.88	31.25
Benzene (ug/L)	MW-208B	27	0.2864	0.08978	0.01728	0.22	0.22	0.371	0.143	0.477	48.15
Benzene (ug/L)	MW-210B	28	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-215A	27	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-214A	28	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-200A	36	0.2262	0.037	0.006167	0.22	0.22	0.22	0.22	0.442	97.22
Benzene (ug/L)	MW-205A	31	3.265	4.446	0.7985	1.2	0.22	5.43	0.142	19	25.81

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Benzene (ug/L)	MW-211B	35	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-213A	29	0.219	0.005199	0.0009655	0.22	0.22	0.22	0.192	0.22	96.55
Benzene (ug/L)	MW-310A	18	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-312A	17	0.226	0.02474	0.006	0.22	0.22	0.22	0.22	0.322	94.12
Benzene (ug/L)	MW-38A (bg)	26	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-39B (bg)	26	0.2259	0.03001	0.005885	0.22	0.22	0.22	0.22	0.373	96.15
Benzene (ug/L)	MW-216A	32	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-217A	32	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-218A	32	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-219A	32	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-220A	32	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-18AR	16	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-408	10	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzene (ug/L)	MW-410	10	0.22	0	0	0.22	0.22	0.22	0.22	0.22	100
Benzyl alcohol (ug/L)	MW-34A (bg)	3	10.2	0	0	10.2	10.2	10.2	10.2	10.2	100
Benzyl alcohol (ug/L)	MW-1B	5	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-5B	5	1.118	0.5197	0.2324	1.35	0.769	1.35	0.188	1.35	80
Benzyl alcohol (ug/L)	MW-7B1	5	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-8B	5	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-10B	2	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-12B	4	8	0	0	8	8	8	8	8	100
Benzyl alcohol (ug/L)	MW-14B	5	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-17A-00	5	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-23A	5	1.27	0	0	1.27	1.27	1.27	1.27	1.27	100
Benzyl alcohol (ug/L)	MW-24A	5	1.33	0	0	1.33	1.33	1.33	1.33	1.33	100
Benzyl alcohol (ug/L)	MW-25A-00	5	1.38	0	0	1.38	1.38	1.38	1.38	1.38	100
Benzyl alcohol (ug/L)	MW-29A	5	1.33	0	0	1.33	1.33	1.33	1.33	1.33	100
Benzyl alcohol (ug/L)	MW-31B	5	1.38	0	0	1.38	1.38	1.38	1.38	1.38	100
Benzyl alcohol (ug/L)	MW-201A	4	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-202A	4	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-203A	4	1.38	0	0	1.38	1.38	1.38	1.38	1.38	100
Benzyl alcohol (ug/L)	MW-204A	4	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-208B	4	1.33	0	0	1.33	1.33	1.33	1.33	1.33	100
Benzyl alcohol (ug/L)	MW-210B	4	1.3	0	0	1.3	1.3	1.3	1.3	1.3	100
Benzyl alcohol (ug/L)	MW-215A	4	1.38	0	0	1.38	1.38	1.38	1.38	1.38	100
Benzyl alcohol (ug/L)	MW-214A	4	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-200A	3	8	0	0	8	8	8	8	8	100
Benzyl alcohol (ug/L)	MW-205A	4	1.41	0	0	1.41	1.41	1.41	1.41	1.41	100
Benzyl alcohol (ug/L)	MW-211B	3	8	0	0	8	8	8	8	8	100
Benzyl alcohol (ug/L)	MW-213A	4	1.35	0	0	1.35	1.35	1.35	1.35	1.35	100
Benzyl alcohol (ug/L)	MW-310A	1	10	0	0	10	10	10	10	10	100
Benzyl alcohol (ug/L)	MW-312A	1	10	0	0	10	10	10	10	10	100
Benzyl alcohol (ug/L)	MW-38A (bg)	1	10.1	0	0	10.1	10.1	10.1	10.1	10.1	100
Benzyl alcohol (ug/L)	MW-216A	3	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
Benzyl alcohol (ug/L)	MW-217A	3	10	0	0	10	10	10	10	10	100
Benzyl alcohol (ug/L)	MW-218A	3	9.8	0	0	9.8	9.8	9.8	9.8	9.8	100
Benzyl alcohol (ug/L)	MW-219A	5	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
Benzyl alcohol (ug/L)	MW-220A	3	10	0	0	10	10	10	10	10	100
Benzyl alcohol (ug/L)	MW-18AR	2	8	0	0	8	8	8	8	8	100
Beta-BHC (ug/L)	MW-34A (bg)	7	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Beta-BHC (ug/L)	MW-1B	5	0.038	0	0	0.038	0.038	0.038	0.038	0.038	100
Beta-BHC (ug/L)	MW-5B	5	0.0378	0	0	0.0378	0.0378	0.0378	0.0378	0.0378	100
Beta-BHC (ug/L)	MW-7B1	6	0.0385	0	0	0.0385	0.0385	0.0385	0.0385	0.0385	100
Beta-BHC (ug/L)	MW-8B	7	0.0387	0	0	0.0387	0.0387	0.0387	0.0387	0.0387	100
Beta-BHC (ug/L)	MW-10B	2	0.0378	0	0	0.0378	0.0378	0.0378	0.0378	0.0378	100
Beta-BHC (ug/L)	MW-12B	4	0.03907	0.02187	0.01093	0.05	0.02814	0.05	0.00627	0.05	75
Beta-BHC (ug/L)	MW-14B	5	0.038	0	0	0.038	0.038	0.038	0.038	0.038	100
Beta-BHC (ug/L)	MW-17A-00	5	0.0382	0	0	0.0382	0.0382	0.0382	0.0382	0.0382	100
Beta-BHC (ug/L)	MW-23A	5	0.037	0	0	0.037	0.037	0.037	0.037	0.037	100
Beta-BHC (ug/L)	MW-24A	5	0.0381	0	0	0.0381	0.0381	0.0381	0.0381	0.0381	100
Beta-BHC (ug/L)	MW-25A-00	5	0.038	0	0	0.038	0.038	0.038	0.038	0.038	100
Beta-BHC (ug/L)	MW-29A	5	0.0376	0	0	0.0376	0.0376	0.0376	0.0376	0.0376	100
Beta-BHC (ug/L)	MW-31B	5	0.0377	0	0	0.0377	0.0377	0.0377	0.0377	0.0377	100
Beta-BHC (ug/L)	MW-201A	4	0.0381	0	0	0.0381	0.0381	0.0381	0.0381	0.0381	100
Beta-BHC (ug/L)	MW-202A	4	0.0376	0	0	0.0376	0.0376	0.0376	0.0376	0.0376	100
Beta-BHC (ug/L)	MW-203A	4	0.0379	0	0	0.0379	0.0379	0.0379	0.0379	0.0379	100
Beta-BHC (ug/L)	MW-204A	4	0.03047	0.01645	0.008225	0.0387	0.02225	0.0387	0.0058	0.0387	75
Beta-BHC (ug/L)	MW-208B	4	0.0221	0.01825	0.009123	0.02223	0.0063	0.0379	0.00605	0.0379	50
Beta-BHC (ug/L)	MW-210B	4	0.038	0	0	0.038	0.038	0.038	0.038	0.038	100
Beta-BHC (ug/L)	MW-215A	4	0.038	0	0	0.038	0.038	0.038	0.038	0.038	100
Beta-BHC (ug/L)	MW-214A	4	0.038	0	0	0.038	0.038	0.038	0.038	0.038	100
Beta-BHC (ug/L)	MW-200A	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Beta-BHC (ug/L)	MW-205A	4	0.01535	0.006505	0.003253	0.0186	0.0121	0.0186	0.00559	0.0186	75
Beta-BHC (ug/L)	MW-211B	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Beta-BHC (ug/L)	MW-213A	4	0.0188	0	0	0.0188	0.0188	0.0188	0.0188	0.0188	100
Beta-BHC (ug/L)	MW-310A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Beta-BHC (ug/L)	MW-312A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Beta-BHC (ug/L)	MW-38A (bg)	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Beta-BHC (ug/L)	MW-39B (bg)	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Beta-BHC (ug/L)	MW-216A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Beta-BHC (ug/L)	MW-217A	3	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
Beta-BHC (ug/L)	MW-218A	3	0.0711	0	0	0.0711	0.0711	0.0711	0.0711	0.0711	100
Beta-BHC (ug/L)	MW-219A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Beta-BHC (ug/L)	MW-220A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Beta-BHC (ug/L)	MW-18AR	2	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Bis[2-chloroethoxy]methane (ug/L)	MW-34A (bg)	2	10	0	0	10	10	10	10	10	100
Bis[2-chloroethoxy]methane (ug/L)	MW-1B	5	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-5B	5	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-7B1	5	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-8B	5	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-10B	2	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-12B	4	8	0	0	8	8	8	8	8	100
Bis[2-chloroethoxy]methane (ug/L)	MW-14B	5	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-17A-00	5	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-23A	5	0.745	0	0	0.745	0.745	0.745	0.745	0.745	100
Bis[2-chloroethoxy]methane (ug/L)	MW-24A	5	0.776	0	0	0.776	0.776	0.776	0.776	0.776	100
Bis[2-chloroethoxy]methane (ug/L)	MW-25A-00	5	0.809	0	0	0.809	0.809	0.809	0.809	0.809	100
Bis[2-chloroethoxy]methane (ug/L)	MW-29A	5	0.776	0	0	0.776	0.776	0.776	0.776	0.776	100
Bis[2-chloroethoxy]methane (ug/L)	MW-31B	5	0.809	0	0	0.809	0.809	0.809	0.809	0.809	100
Bis[2-chloroethoxy]methane (ug/L)	MW-201A	4	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Bis[2-chloroethoxy]methane (ug/L)	MW-202A	4	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-203A	4	0.809	0	0	0.809	0.809	0.809	0.809	0.809	100
Bis[2-chloroethoxy]methane (ug/L)	MW-204A	4	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-208B	4	0.776	0	0	0.776	0.776	0.776	0.776	0.776	100
Bis[2-chloroethoxy]methane (ug/L)	MW-210B	4	0.76	0	0	0.76	0.76	0.76	0.76	0.76	100
Bis[2-chloroethoxy]methane (ug/L)	MW-215A	4	0.809	0	0	0.809	0.809	0.809	0.809	0.809	100
Bis[2-chloroethoxy]methane (ug/L)	MW-214A	4	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-200A	3	8	0	0	8	8	8	8	8	100
Bis[2-chloroethoxy]methane (ug/L)	MW-205A	4	0.826	0	0	0.826	0.826	0.826	0.826	0.826	100
Bis[2-chloroethoxy]methane (ug/L)	MW-211B	3	8	0	0	8	8	8	8	8	100
Bis[2-chloroethoxy]methane (ug/L)	MW-213A	4	0.792	0	0	0.792	0.792	0.792	0.792	0.792	100
Bis[2-chloroethoxy]methane (ug/L)	MW-310A	1	10	0	0	10	10	10	10	10	100
Bis[2-chloroethoxy]methane (ug/L)	MW-312A	1	10	0	0	10	10	10	10	10	100
Bis[2-chloroethoxy]methane (ug/L)	MW-216A	3	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
Bis[2-chloroethoxy]methane (ug/L)	MW-217A	3	10	0	0	10	10	10	10	10	100
Bis[2-chloroethoxy]methane (ug/L)	MW-218A	3	9.8	0	0	9.8	9.8	9.8	9.8	9.8	100
Bis[2-chloroethoxy]methane (ug/L)	MW-219A	5	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
Bis[2-chloroethoxy]methane (ug/L)	MW-220A	3	10	0	0	10	10	10	10	10	100
Bis[2-chloroethoxy]methane (ug/L)	MW-18AR	2	8	0	0	8	8	8	8	8	100
Bis[2-ethylhexyl]phthalate (ug/L)	MW-34A (bg)	2	10	0	0	10	10	10	10	10	100
Bis[2-ethylhexyl]phthalate (ug/L)	MW-1B	5	5.73	0	0	5.73	5.73	5.73	5.73	5.73	100
Bis[2-ethylhexyl]phthalate (ug/L)	MW-5B	5	5.376	0.7916	0.354	5.73	4.845	5.73	3.96	5.73	80
Bis[2-ethylhexyl]phthalate (ug/L)	MW-7B1	5	4.72	2.258	1.01	5.73	3.206	5.73	0.681	5.73	80
Bis[2-ethylhexyl]phthalate (ug/L)	MW-8B	5	4.722	2.254	1.008	5.73	3.21	5.73	0.689	5.73	80
Bis[2-ethylhexyl]phthalate (ug/L)	MW-10B	2	5.73	0	0	5.73	5.73	5.73	5.73	5.73	100
Bis[2-ethylhexyl]phthalate (ug/L)	MW-12B	8	6.03	3.293	1.164	5.73	5.73	5.73	0.856	13	75
Bis[2-ethylhexyl]phthalate (ug/L)	MW-14B	5	4.988	1.659	0.742	5.73	3.875	5.73	2.02	5.73	80
Bis[2-ethylhexyl]phthalate (ug/L)	MW-17A-00	5	4.738	2.219	0.9924	5.73	3.249	5.73	0.768	5.73	80
Bis[2-ethylhexyl]phthalate (ug/L)	MW-23A	5	5.41	0.04472	0.02	5.39	5.39	5.44	5.39	5.49	80
Bis[2-ethylhexyl]phthalate (ug/L)	MW-24A	5	6.034	0.9481	0.424	5.61	5.61	6.67	5.61	7.73	80
Bis[2-ethylhexyl]phthalate (ug/L)	MW-25A-00	5	5.13	1.61	0.72	5.85	4.05	5.85	2.25	5.85	80
Bis[2-ethylhexyl]phthalate (ug/L)	MW-29A	5	5.61	0	0	5.61	5.61	5.61	5.61	5.61	100
Bis[2-ethylhexyl]phthalate (ug/L)	MW-31B	14	5.259	3.904	1.043	5.85	1.125	5.85	1.11	16.5	64.29
Bis[2-ethylhexyl]phthalate (ug/L)	MW-201A	13	5.332	3.321	0.9212	5.73	3.795	5.73	0.817	14.2	69.23
Bis[2-ethylhexyl]phthalate (ug/L)	MW-202A	4	4.573	2.315	1.158	5.73	3.415	5.73	1.1	5.73	75
Bis[2-ethylhexyl]phthalate (ug/L)	MW-203A	4	4.645	2.41	1.205	5.85	3.44	5.85	1.03	5.85	75
Bis[2-ethylhexyl]phthalate (ug/L)	MW-204A	4	6.315	1.17	0.585	5.73	5.73	6.9	5.73	8.07	75
Bis[2-ethylhexyl]phthalate (ug/L)	MW-208B	4	6.495	1.77	0.885	5.61	5.61	7.38	5.61	9.15	75
Bis[2-ethylhexyl]phthalate (ug/L)	MW-210B	4	5.84	0.68	0.34	5.5	5.5	6.18	5.5	6.86	75
Bis[2-ethylhexyl]phthalate (ug/L)	MW-215A	13	4.713	2.963	0.8218	5.85	1.131	5.85	0.56	10.8	61.54
Bis[2-ethylhexyl]phthalate (ug/L)	MW-214A	13	4.68	3.932	1.091	5.73	1.245	5.73	0.635	15.3	53.85
Bis[2-ethylhexyl]phthalate (ug/L)	MW-200A	3	4.249	3.033	1.751	6	0.747	6	0.747	6	66.67
Bis[2-ethylhexyl]phthalate (ug/L)	MW-205A	4	4.705	2.55	1.275	5.98	3.43	5.98	0.88	5.98	75
Bis[2-ethylhexyl]phthalate (ug/L)	MW-211B	3	4.279	2.981	1.721	6	0.837	6	0.837	6	66.67
Bis[2-ethylhexyl]phthalate (ug/L)	MW-213A	4	4.488	2.485	1.242	5.73	3.246	5.73	0.761	5.73	75
Bis[2-ethylhexyl]phthalate (ug/L)	MW-310A	1	10	0	0	10	10	10	10	10	100
Bis[2-ethylhexyl]phthalate (ug/L)	MW-312A	1	10	0	0	10	10	10	10	10	100
Bis[2-ethylhexyl]phthalate (ug/L)	MW-216A	3	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
Bis[2-ethylhexyl]phthalate (ug/L)	MW-217A	3	10	0	0	10	10	10	10	10	100
Bis[2-ethylhexyl]phthalate (ug/L)	MW-218A	3	9.8	0	0	9.8	9.8	9.8	9.8	9.8	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Bis[2-ethylhexyl]phthalate (ug/L)	MW-219A	5	8.93	3.734	1.67	10.6	6.425	10.6	2.25	10.6	80
Bis[2-ethylhexyl]phthalate (ug/L)	MW-220A	3	10	0	0	10	10	10	10	10	100
Bis[2-ethylhexyl]phthalate (ug/L)	MW-18AR	2	6	0	0	6	6	6	6	6	100
Carbon Disulfide (ug/L)	MW-34A (bg)	33	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-1B	38	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-5B	30	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-7B1	30	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-8B	29	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-10B	15	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
Carbon Disulfide (ug/L)	MW-14B	30	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-17A-00	31	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-23A	31	0.4497	0.001706	0.0003065	0.45	0.45	0.45	0.4405	0.45	96.77
Carbon Disulfide (ug/L)	MW-24A	29	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-25A-00	38	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-29A	39	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-31B	42	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-201A	35	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-202A	29	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-203A	29	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-204A	28	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-208B	27	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-210B	28	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-215A	27	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-214A	28	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-200A	36	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-205A	28	0.461	0.09347	0.01766	0.45	0.45	0.45	0.295	0.914	92.86
Carbon Disulfide (ug/L)	MW-211B	35	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-213A	29	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-310A	18	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-312A	17	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-38A (bg)	26	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-39B (bg)	26	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-216A	32	0.5784	0.4325	0.07646	0.45	0.45	0.45	0.45	2.2	90.63
Carbon Disulfide (ug/L)	MW-217A	32	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-218A	32	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-219A	32	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-220A	32	0.45	0.0001768	0.00003125	0.45	0.45	0.45	0.45	0.451	96.88
Carbon Disulfide (ug/L)	MW-18AR	16	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-408	10	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Disulfide (ug/L)	MW-410	10	0.45	0	0	0.45	0.45	0.45	0.45	0.45	100
Carbon Tetrachloride (ug/L)	MW-34A (bg)	33	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-1B	37	0.6432	0.0411	0.006757	0.65	0.65	0.65	0.4	0.65	97.3
Carbon Tetrachloride (ug/L)	MW-5B	30	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-7B1	30	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-8B	29	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-10B	15	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-12B	29	2	0	0	2	2	2	2	2	100
Carbon Tetrachloride (ug/L)	MW-14B	30	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-17A-00	31	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Carbon Tetrachloride (ug/L)	MW-23A	31	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-24A	29	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-25A-00	38	0.6434	0.04056	0.006579	0.65	0.65	0.65	0.4	0.65	97.37
Carbon Tetrachloride (ug/L)	MW-29A	39	0.6487	0.008006	0.001282	0.65	0.65	0.65	0.6	0.65	97.44
Carbon Tetrachloride (ug/L)	MW-31B	42	0.6464	0.02315	0.003571	0.65	0.65	0.65	0.5	0.65	97.62
Carbon Tetrachloride (ug/L)	MW-201A	35	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-202A	29	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-203A	29	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-204A	28	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-208B	27	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-210B	28	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-215A	27	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-214A	28	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-200A	36	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-205A	28	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-211B	35	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-213A	29	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-310A	18	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-312A	17	0.6353	0.06063	0.01471	0.65	0.65	0.65	0.4	0.65	94.12
Carbon Tetrachloride (ug/L)	MW-38A (bg)	26	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-39B (bg)	26	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-216A	32	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-217A	32	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-218A	32	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-219A	32	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-220A	32	0.6437	0.03536	0.00625	0.65	0.65	0.65	0.45	0.65	96.88
Carbon Tetrachloride (ug/L)	MW-18AR	16	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-408	10	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-410	10	0.65	0	0	0.65	0.65	0.65	0.65	0.65	100
Chlorobenzene (ug/L)	MW-34A (bg)	33	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-1B	38	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-5B	30	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-7B1	30	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-8B	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-10B	15	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
Chlorobenzene (ug/L)	MW-14B	30	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-17A-00	31	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-23A	31	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-24A	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-25A-00	38	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-29A	39	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-31B	42	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-201A	35	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-202A	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-203A	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-204A	28	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-208B	27	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-210B	28	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-215A	27	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Chlorobenzene (ug/L)	MW-214A	28	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-200A	36	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-205A	28	0.3454	0.02419	0.004571	0.35	0.35	0.35	0.222	0.35	96.43
Chlorobenzene (ug/L)	MW-211B	35	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-213A	29	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-310A	18	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-312A	17	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-38A (bg)	26	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-39B (bg)	26	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-216A	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-217A	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-218A	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-219A	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-220A	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-18AR	16	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-408	10	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chlorobenzene (ug/L)	MW-410	10	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Chloroethane (ug/L)	MW-34A (bg)	40	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-1B	38	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-5B	30	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-7B1	30	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-8B	29	0.8386	0.1638	0.03041	0.79	0.79	0.79	0.79	1.58	89.66
Chloroethane (ug/L)	MW-10B	15	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-12B	29	3.68	0.9743	0.1809	4	4	4	0.746	4.12	86.21
Chloroethane (ug/L)	MW-14B	30	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-17A-00	31	0.7868	0.01778	0.003194	0.79	0.79	0.79	0.691	0.79	96.77
Chloroethane (ug/L)	MW-23A	31	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-24A	29	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-25A-00	38	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-29A	39	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-31B	42	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-201A	35	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-202A	29	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-203A	29	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-204A	28	1.583	1.576	0.2979	0.79	0.79	1.745	0.343	6.66	60.71
Chloroethane (ug/L)	MW-208B	27	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-210B	28	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-215A	27	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-214A	28	0.79	0	0	0.79	0.79	0.79	0.79	0.79	100
Chloroethane (ug/L)	MW-200A	36	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-205A	28	1.697	2.052	0.3877	0.9	0.9	0.9	0.749	8.54	78.57
Chloroethane (ug/L)	MW-211B	35	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-213A	29	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-310A	18	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-312A	17	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-38A (bg)	26	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-39B (bg)	26	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-216A	32	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-217A	32	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-218A	32	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Chloroethane (ug/L)	MW-219A	32	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-220A	32	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-18AR	16	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-408	10	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloroethane (ug/L)	MW-410	10	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Chloromethane (ug/L)	MW-34A (bg)	33	0.6034	0.04283	0.007456	0.61	0.61	0.61	0.366	0.635	93.94
Chloromethane (ug/L)	MW-1B	38	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-5B	30	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-7B1	30	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-8B	29	0.6065	0.01876	0.003483	0.61	0.61	0.61	0.509	0.61	96.55
Chloromethane (ug/L)	MW-10B	15	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-12B	29	2.909	0.4902	0.09103	3	3	3	0.36	3	96.55
Chloromethane (ug/L)	MW-14B	30	0.6044	0.03086	0.005633	0.61	0.61	0.61	0.441	0.61	96.67
Chloromethane (ug/L)	MW-17A-00	31	0.6029	0.03951	0.007097	0.61	0.61	0.61	0.39	0.61	96.77
Chloromethane (ug/L)	MW-23A	31	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-24A	29	0.6024	0.04104	0.007621	0.61	0.61	0.61	0.389	0.61	96.55
Chloromethane (ug/L)	MW-25A-00	38	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-29A	39	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-31B	42	0.6065	0.02253	0.003476	0.61	0.61	0.61	0.464	0.61	97.62
Chloromethane (ug/L)	MW-201A	35	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-202A	29	0.6035	0.0351	0.006517	0.61	0.61	0.61	0.421	0.61	96.55
Chloromethane (ug/L)	MW-203A	29	0.6067	0.01783	0.00331	0.61	0.61	0.61	0.514	0.61	96.55
Chloromethane (ug/L)	MW-204A	28	0.6093	0.003591	0.0006786	0.61	0.61	0.61	0.591	0.61	96.43
Chloromethane (ug/L)	MW-208B	27	0.6477	0.2533	0.04875	0.61	0.61	0.61	0.349	1.89	92.59
Chloromethane (ug/L)	MW-210B	28	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-215A	27	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-214A	28	0.7011	0.4819	0.09107	0.61	0.61	0.61	0.61	3.16	96.43
Chloromethane (ug/L)	MW-200A	36	0.6049	0.03083	0.005139	0.61	0.61	0.61	0.425	0.61	97.22
Chloromethane (ug/L)	MW-205A	28	0.6072	0.01474	0.002786	0.61	0.61	0.61	0.532	0.61	96.43
Chloromethane (ug/L)	MW-211B	35	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-213A	29	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-310A	18	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-312A	17	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-38A (bg)	26	0.6022	0.03981	0.007808	0.61	0.61	0.61	0.407	0.61	96.15
Chloromethane (ug/L)	MW-39B (bg)	26	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-216A	32	0.601	0.05109	0.009031	0.61	0.61	0.61	0.321	0.61	96.88
Chloromethane (ug/L)	MW-217A	32	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-218A	32	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-219A	32	0.6018	0.04614	0.008156	0.61	0.61	0.61	0.349	0.61	96.88
Chloromethane (ug/L)	MW-220A	32	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-18AR	16	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-408	10	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-410	10	0.61	0	0	0.61	0.61	0.61	0.61	0.61	100
cis-1,2-Dichloroethene (ug/L)	MW-34A (bg)	40	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-1B	38	0.5566	0.04056	0.006579	0.55	0.55	0.55	0.55	0.8	97.37
cis-1,2-Dichloroethene (ug/L)	MW-5B	30	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-7B1	30	0.228	0.078	0.01424	0.21	0.21	0.21	0.21	0.6215	93.33
cis-1,2-Dichloroethene (ug/L)	MW-8B	29	0.2144	0.02496	0.004636	0.21	0.21	0.21	0.203	0.344	93.1
cis-1,2-Dichloroethene (ug/L)	MW-10B	15	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
cis-1,2-Dichloroethene (ug/L)	MW-14B	30	0.209	0.005477	0.001	0.21	0.21	0.21	0.18	0.21	96.67
cis-1,2-Dichloroethene (ug/L)	MW-17A-00	31	0.2083	0.009519	0.00171	0.21	0.21	0.21	0.157	0.21	96.77
cis-1,2-Dichloroethene (ug/L)	MW-23A	31	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-24A	29	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-25A-00	38	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-29A	39	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-31B	42	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-201A	35	0.6461	0.4008	0.06775	0.55	0.55	0.55	0.173	2.65	77.14
cis-1,2-Dichloroethene (ug/L)	MW-202A	29	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-203A	29	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-204A	28	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-208B	27	0.2421	0.1035	0.01992	0.21	0.21	0.21	0.177	0.712	77.78
cis-1,2-Dichloroethene (ug/L)	MW-210B	28	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-215A	27	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-214A	28	0.21	0	0	0.21	0.21	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-200A	36	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-205A	28	0.544	0.09353	0.01768	0.55	0.55	0.55	0.132	0.8	92.86
cis-1,2-Dichloroethene (ug/L)	MW-211B	35	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-213A	29	0.5383	0.06295	0.01169	0.55	0.55	0.55	0.211	0.55	96.55
cis-1,2-Dichloroethene (ug/L)	MW-310A	18	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-312A	17	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-38A (bg)	26	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-39B (bg)	26	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-216A	32	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-217A	32	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-218A	32	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-219A	32	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-220A	32	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-18AR	15	1.747	0.7724	0.1994	1.6	1.4	2.3	0.304	3.4	0
cis-1,2-Dichloroethene (ug/L)	MW-408	10	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
cis-1,2-Dichloroethene (ug/L)	MW-410	10	0.55	0	0	0.55	0.55	0.55	0.55	0.55	100
Delta-BHC (ug/L)	MW-34A (bg)	4	0.0327	0	0	0.0327	0.0327	0.0327	0.0327	0.0327	100
Delta-BHC (ug/L)	MW-1B	5	0.02368	0.01167	0.00522	0.0289	0.01585	0.0289	0.0028	0.0289	80
Delta-BHC (ug/L)	MW-5B	5	0.0288	0	0	0.0288	0.0288	0.0288	0.0288	0.0288	100
Delta-BHC (ug/L)	MW-7B1	6	0.0293	0	0	0.0293	0.0293	0.0293	0.0293	0.0293	100
Delta-BHC (ug/L)	MW-8B	7	0.0295	0	0	0.0295	0.0295	0.0295	0.0295	0.0295	100
Delta-BHC (ug/L)	MW-10B	2	0.0288	0	0	0.0288	0.0288	0.0288	0.0288	0.0288	100
Delta-BHC (ug/L)	MW-12B	4	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Delta-BHC (ug/L)	MW-14B	5	0.0289	0	0	0.0289	0.0289	0.0289	0.0289	0.0289	100
Delta-BHC (ug/L)	MW-17A-00	5	0.0238	0.01186	0.005302	0.0291	0.01585	0.0291	0.00259	0.0291	80
Delta-BHC (ug/L)	MW-23A	5	0.0282	0	0	0.0282	0.0282	0.0282	0.0282	0.0282	100
Delta-BHC (ug/L)	MW-24A	5	0.029	0	0	0.029	0.029	0.029	0.029	0.029	100
Delta-BHC (ug/L)	MW-25A-00	5	0.0289	0	0	0.0289	0.0289	0.0289	0.0289	0.0289	100
Delta-BHC (ug/L)	MW-29A	5	0.0286	0	0	0.0286	0.0286	0.0286	0.0286	0.0286	100
Delta-BHC (ug/L)	MW-31B	5	0.02354	0.01155	0.005164	0.0287	0.01579	0.0287	0.00288	0.0287	80
Delta-BHC (ug/L)	MW-201A	4	0.029	0	0	0.029	0.029	0.029	0.029	0.029	100
Delta-BHC (ug/L)	MW-202A	4	0.0286	0	0	0.0286	0.0286	0.0286	0.0286	0.0286	100
Delta-BHC (ug/L)	MW-203A	4	0.0289	0	0	0.0289	0.0289	0.0289	0.0289	0.0289	100
Delta-BHC (ug/L)	MW-204A	4	0.02289	0.01322	0.006608	0.0295	0.01629	0.0295	0.00307	0.0295	75
Delta-BHC (ug/L)	MW-208B	4	0.01788	0.01274	0.006371	0.01831	0.006865	0.0289	0.00601	0.0289	50

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Delta-BHC (ug/L)	MW-210B	4	0.0289	0	0	0.0289	0.0289	0.0289	0.0289	0.0289	100
Delta-BHC (ug/L)	MW-215A	4	0.0289	0	0	0.0289	0.0289	0.0289	0.0289	0.0289	100
Delta-BHC (ug/L)	MW-214A	4	0.0289	0	0	0.0289	0.0289	0.0289	0.0289	0.0289	100
Delta-BHC (ug/L)	MW-200A	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Delta-BHC (ug/L)	MW-205A	4	0.01337	0.00135	0.000675	0.0127	0.0127	0.01405	0.0127	0.0154	75
Delta-BHC (ug/L)	MW-211B	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Delta-BHC (ug/L)	MW-213A	4	0.0128	0	0	0.0128	0.0128	0.0128	0.0128	0.0128	100
Delta-BHC (ug/L)	MW-310A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Delta-BHC (ug/L)	MW-312A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Delta-BHC (ug/L)	MW-38A (bg)	2	0.036	0	0	0.036	0.036	0.036	0.036	0.036	100
Delta-BHC (ug/L)	MW-216A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Delta-BHC (ug/L)	MW-217A	3	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
Delta-BHC (ug/L)	MW-218A	13	0.0711	0	0	0.0711	0.0711	0.0711	0.0711	0.0711	100
Delta-BHC (ug/L)	MW-219A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Delta-BHC (ug/L)	MW-220A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Delta-BHC (ug/L)	MW-18AR	2	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Dichlorodifluoromethane (ug/L)	MW-34A (bg)	14	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-1B	5	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-5B	5	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-7B1	5	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-8B	5	0.2876	0.08408	0.0376	0.25	0.25	0.344	0.25	0.438	80
Dichlorodifluoromethane (ug/L)	MW-10B	2	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-12B	4	1	0	0	1	1	1	1	1	100
Dichlorodifluoromethane (ug/L)	MW-14B	5	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-17A-00	5	1.478	1.413	0.6319	0.882	0.2535	3	0.251	3	40
Dichlorodifluoromethane (ug/L)	MW-23A	5	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-24A	5	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-25A-00	5	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-29A	5	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-31B	5	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-201A	4	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-202A	4	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-203A	4	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-204A	4	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-208B	4	0.4288	0.3575	0.1788	0.25	0.25	0.6075	0.25	0.965	75
Dichlorodifluoromethane (ug/L)	MW-210B	4	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-215A	4	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-214A	4	0.25	0	0	0.25	0.25	0.25	0.25	0.25	100
Dichlorodifluoromethane (ug/L)	MW-200A	28	1.988	1.168	0.2207	1.735	0.923	3.03	0.425	4.51	10.71
Dichlorodifluoromethane (ug/L)	MW-205A	4	0.7085	0.283	0.1415	0.85	0.567	0.85	0.284	0.85	75
Dichlorodifluoromethane (ug/L)	MW-211B	3	1	0	0	1	1	1	1	1	100
Dichlorodifluoromethane (ug/L)	MW-213A	4	0.85	0	0	0.85	0.85	0.85	0.85	0.85	100
Dichlorodifluoromethane (ug/L)	MW-310A	1	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-312A	1	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-38A (bg)	3	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-216A	3	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-217A	3	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-218A	3	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-219A	3	3	0	0	3	3	3	3	3	100
Dichlorodifluoromethane (ug/L)	MW-220A	3	3	0	0	3	3	3	3	3	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Dichlorodifluoromethane (ug/L)	MW-18AR	16	12.68	8.183	2.046	10.51	6.15	17.75	4.01	33.4	0
Endrin (ug/L)	MW-34A (bg)	3	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Endrin (ug/L)	MW-1B	5	0.0253	0	0	0.0253	0.0253	0.0253	0.0253	0.0253	100
Endrin (ug/L)	MW-5B	5	0.0252	0	0	0.0252	0.0252	0.0252	0.0252	0.0252	100
Endrin (ug/L)	MW-7B1	6	0.0257	0	0	0.0257	0.0257	0.0257	0.0257	0.0257	100
Endrin (ug/L)	MW-8B	7	0.0258	0	0	0.0258	0.0258	0.0258	0.0258	0.0258	100
Endrin (ug/L)	MW-10B	2	0.0252	0	0	0.0252	0.0252	0.0252	0.0252	0.0252	100
Endrin (ug/L)	MW-12B	4	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Endrin (ug/L)	MW-14B	5	0.0213	0.008949	0.004002	0.0253	0.01529	0.0253	0.00529	0.0253	80
Endrin (ug/L)	MW-17A-00	5	0.0255	0	0	0.0255	0.0255	0.0255	0.0255	0.0255	100
Endrin (ug/L)	MW-23A	5	0.0247	0	0	0.0247	0.0247	0.0247	0.0247	0.0247	100
Endrin (ug/L)	MW-24A	5	0.0254	0	0	0.0254	0.0254	0.0254	0.0254	0.0254	100
Endrin (ug/L)	MW-25A-00	5	0.0253	0	0	0.0253	0.0253	0.0253	0.0253	0.0253	100
Endrin (ug/L)	MW-29A	5	0.0251	0	0	0.0251	0.0251	0.0251	0.0251	0.0251	100
Endrin (ug/L)	MW-31B	5	0.0251	0	0	0.0251	0.0251	0.0251	0.0251	0.0251	100
Endrin (ug/L)	MW-201A	4	0.0254	0	0	0.0254	0.0254	0.0254	0.0254	0.0254	100
Endrin (ug/L)	MW-202A	4	0.0251	0	0	0.0251	0.0251	0.0251	0.0251	0.0251	100
Endrin (ug/L)	MW-203A	4	0.0253	0	0	0.0253	0.0253	0.0253	0.0253	0.0253	100
Endrin (ug/L)	MW-204A	4	0.0258	0	0	0.0258	0.0258	0.0258	0.0258	0.0258	100
Endrin (ug/L)	MW-208B	20	0.03728	0.03467	0.007753	0.0253	0.0253	0.03885	0.00438	0.122	50
Endrin (ug/L)	MW-210B	4	0.0253	0	0	0.0253	0.0253	0.0253	0.0253	0.0253	100
Endrin (ug/L)	MW-215A	4	0.0253	0	0	0.0253	0.0253	0.0253	0.0253	0.0253	100
Endrin (ug/L)	MW-214A	4	0.0253	0	0	0.0253	0.0253	0.0253	0.0253	0.0253	100
Endrin (ug/L)	MW-200A	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Endrin (ug/L)	MW-205A	4	0.02211	0.01238	0.00619	0.0283	0.01592	0.0283	0.00354	0.0283	75
Endrin (ug/L)	MW-211B	3	0.03873	0.01951	0.01127	0.05	0.0162	0.05	0.0162	0.05	66.67
Endrin (ug/L)	MW-213A	4	0.0287	0	0	0.0287	0.0287	0.0287	0.0287	0.0287	100
Endrin (ug/L)	MW-310A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Endrin (ug/L)	MW-312A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Endrin (ug/L)	MW-38A (bg)	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Endrin (ug/L)	MW-216A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Endrin (ug/L)	MW-217A	3	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
Endrin (ug/L)	MW-218A	3	0.0711	0	0	0.0711	0.0711	0.0711	0.0711	0.0711	100
Endrin (ug/L)	MW-219A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Endrin (ug/L)	MW-220A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Endrin (ug/L)	MW-18AR	2	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Endrin aldehyde (ug/L)	MW-34A (bg)	9	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Endrin aldehyde (ug/L)	MW-1B	5	0.0244	0	0	0.0244	0.0244	0.0244	0.0244	0.0244	100
Endrin aldehyde (ug/L)	MW-5B	5	0.0243	0	0	0.0243	0.0243	0.0243	0.0243	0.0243	100
Endrin aldehyde (ug/L)	MW-7B1	6	0.0247	0	0	0.0247	0.0247	0.0247	0.0247	0.0247	100
Endrin aldehyde (ug/L)	MW-8B	7	0.02286	0.005405	0.002043	0.0249	0.0249	0.0249	0.0106	0.0249	85.71
Endrin aldehyde (ug/L)	MW-10B	2	0.0243	0	0	0.0243	0.0243	0.0243	0.0243	0.0243	100
Endrin aldehyde (ug/L)	MW-12B	4	0.02778	0.01185	0.005925	0.0337	0.02185	0.0337	0.01	0.0337	75
Endrin aldehyde (ug/L)	MW-14B	5	0.0244	0	0	0.0244	0.0244	0.0244	0.0244	0.0244	100
Endrin aldehyde (ug/L)	MW-17A-00	5	0.0245	0	0	0.0245	0.0245	0.0245	0.0245	0.0245	100
Endrin aldehyde (ug/L)	MW-23A	5	0.0238	0	0	0.0238	0.0238	0.0238	0.0238	0.0238	100
Endrin aldehyde (ug/L)	MW-24A	5	0.0245	0	0	0.0245	0.0245	0.0245	0.0245	0.0245	100
Endrin aldehyde (ug/L)	MW-25A-00	5	0.0244	0	0	0.0244	0.0244	0.0244	0.0244	0.0244	100
Endrin aldehyde (ug/L)	MW-29A	5	0.0242	0	0	0.0242	0.0242	0.0242	0.0242	0.0242	100
Endrin aldehyde (ug/L)	MW-31B	5	0.0242	0	0	0.0242	0.0242	0.0242	0.0242	0.0242	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Endrin aldehyde (ug/L)	MW-201A	4	0.0245	0	0	0.0245	0.0245	0.0245	0.0245	0.0245	100
Endrin aldehyde (ug/L)	MW-202A	4	0.0242	0	0	0.0242	0.0242	0.0242	0.0242	0.0242	100
Endrin aldehyde (ug/L)	MW-203A	4	0.0244	0	0	0.0244	0.0244	0.0244	0.0244	0.0244	100
Endrin aldehyde (ug/L)	MW-204A	4	0.0249	0	0	0.0249	0.0249	0.0249	0.0249	0.0249	100
Endrin aldehyde (ug/L)	MW-208B	4	0.02105	0.0067	0.00335	0.0244	0.0177	0.0244	0.011	0.0244	75
Endrin aldehyde (ug/L)	MW-210B	4	0.0244	0	0	0.0244	0.0244	0.0244	0.0244	0.0244	100
Endrin aldehyde (ug/L)	MW-215A	4	0.0244	0	0	0.0244	0.0244	0.0244	0.0244	0.0244	100
Endrin aldehyde (ug/L)	MW-214A	4	0.0244	0	0	0.0244	0.0244	0.0244	0.0244	0.0244	100
Endrin aldehyde (ug/L)	MW-200A	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Endrin aldehyde (ug/L)	MW-205A	4	0.043	0	0	0.043	0.043	0.043	0.043	0.043	100
Endrin aldehyde (ug/L)	MW-211B	3	0.03664	0.02314	0.01336	0.05	0.00992	0.05	0.00992	0.05	66.67
Endrin aldehyde (ug/L)	MW-213A	4	0.0435	0	0	0.0435	0.0435	0.0435	0.0435	0.0435	100
Endrin aldehyde (ug/L)	MW-310A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Endrin aldehyde (ug/L)	MW-312A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Endrin aldehyde (ug/L)	MW-38A (bg)	4	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Endrin aldehyde (ug/L)	MW-39B (bg)	1	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Endrin aldehyde (ug/L)	MW-216A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Endrin aldehyde (ug/L)	MW-217A	3	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
Endrin aldehyde (ug/L)	MW-218A	3	0.0711	0	0	0.0711	0.0711	0.0711	0.0711	0.0711	100
Endrin aldehyde (ug/L)	MW-219A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Endrin aldehyde (ug/L)	MW-220A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Endrin aldehyde (ug/L)	MW-18AR	2	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Ethylbenzene (ug/L)	MW-34A (bg)	37	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-1B	38	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-5B	30	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-7B1	30	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-8B	29	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-10B	15	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
Ethylbenzene (ug/L)	MW-14B	30	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-17A-00	31	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-23A	31	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-24A	29	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-25A-00	38	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-29A	39	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-31B	42	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-201A	35	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-202A	29	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-203A	29	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-204A	31	0.4952	0.4517	0.08112	0.31	0.31	0.31	0.31	1.93	83.87
Ethylbenzene (ug/L)	MW-208B	27	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-210B	28	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-215A	27	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-214A	28	0.31	0	0	0.31	0.31	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-200A	36	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-205A	28	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-211B	35	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-213A	29	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-310A	18	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-312A	17	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Ethylbenzene (ug/L)	MW-38A (bg)	26	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-39B (bg)	26	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-216A	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-217A	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-218A	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-219A	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-220A	32	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-18AR	16	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-408	10	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Ethylbenzene (ug/L)	MW-410	10	0.42	0	0	0.42	0.42	0.42	0.42	0.42	100
Heptachlor (ug/L)	MW-34A (bg)	9	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Heptachlor (ug/L)	MW-1B	5	0.0208	0	0	0.0208	0.0208	0.0208	0.0208	0.0208	100
Heptachlor (ug/L)	MW-5B	5	0.0173	0.007612	0.003404	0.0207	0.01219	0.0207	0.00368	0.0207	80
Heptachlor (ug/L)	MW-7B1	6	0.0211	0	0	0.0211	0.0211	0.0211	0.0211	0.0211	100
Heptachlor (ug/L)	MW-8B	7	0.0212	0	0	0.0212	0.0212	0.0212	0.0212	0.0212	100
Heptachlor (ug/L)	MW-10B	2	0.0207	0	0	0.0207	0.0207	0.0207	0.0207	0.0207	100
Heptachlor (ug/L)	MW-12B	4	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Heptachlor (ug/L)	MW-14B	5	0.01756	0.007245	0.00324	0.0208	0.0127	0.0208	0.0046	0.0208	80
Heptachlor (ug/L)	MW-17A-00	5	0.01805	0.006368	0.002848	0.0209	0.01378	0.0209	0.00666	0.0209	80
Heptachlor (ug/L)	MW-23A	5	0.0203	0	0	0.0203	0.0203	0.0203	0.0203	0.0203	100
Heptachlor (ug/L)	MW-24A	5	0.0209	0	0	0.0209	0.0209	0.0209	0.0209	0.0209	100
Heptachlor (ug/L)	MW-25A-00	5	0.0208	0	0	0.0208	0.0208	0.0208	0.0208	0.0208	100
Heptachlor (ug/L)	MW-29A	5	0.0206	0	0	0.0206	0.0206	0.0206	0.0206	0.0206	100
Heptachlor (ug/L)	MW-31B	5	0.0206	0	0	0.0206	0.0206	0.0206	0.0206	0.0206	100
Heptachlor (ug/L)	MW-201A	4	0.0209	0	0	0.0209	0.0209	0.0209	0.0209	0.0209	100
Heptachlor (ug/L)	MW-202A	4	0.0206	0	0	0.0206	0.0206	0.0206	0.0206	0.0206	100
Heptachlor (ug/L)	MW-203A	4	0.0207	0	0	0.0207	0.0207	0.0207	0.0207	0.0207	100
Heptachlor (ug/L)	MW-204A	4	0.0212	0	0	0.0212	0.0212	0.0212	0.0212	0.0212	100
Heptachlor (ug/L)	MW-208B	11	0.02124	0.006222	0.001876	0.0207	0.0207	0.0207	0.00999	0.0373	81.82
Heptachlor (ug/L)	MW-210B	4	0.0208	0	0	0.0208	0.0208	0.0208	0.0208	0.0208	100
Heptachlor (ug/L)	MW-215A	4	0.0208	0	0	0.0208	0.0208	0.0208	0.0208	0.0208	100
Heptachlor (ug/L)	MW-214A	4	0.0208	0	0	0.0208	0.0208	0.0208	0.0208	0.0208	100
Heptachlor (ug/L)	MW-200A	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Heptachlor (ug/L)	MW-205A	4	0.02002	0.01076	0.00538	0.0254	0.01464	0.0254	0.00388	0.0254	75
Heptachlor (ug/L)	MW-211B	3	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Heptachlor (ug/L)	MW-213A	4	0.0257	0	0	0.0257	0.0257	0.0257	0.0257	0.0257	100
Heptachlor (ug/L)	MW-310A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Heptachlor (ug/L)	MW-312A	1	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Heptachlor (ug/L)	MW-38A (bg)	3	0.032	0	0	0.032	0.032	0.032	0.032	0.032	100
Heptachlor (ug/L)	MW-39B (bg)	1	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Heptachlor (ug/L)	MW-216A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Heptachlor (ug/L)	MW-217A	3	0.0744	0	0	0.0744	0.0744	0.0744	0.0744	0.0744	100
Heptachlor (ug/L)	MW-218A	3	0.0711	0	0	0.0711	0.0711	0.0711	0.0711	0.0711	100
Heptachlor (ug/L)	MW-219A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Heptachlor (ug/L)	MW-220A	3	0.064	0	0	0.064	0.064	0.064	0.064	0.064	100
Heptachlor (ug/L)	MW-18AR	2	0.05	0	0	0.05	0.05	0.05	0.05	0.05	100
Isobutanol (mg/L)	MW-34A (bg)	2	10	0	0	10	10	10	10	10	100
Isobutanol (mg/L)	MW-1B	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-5B	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-7B1	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Isobutanol (mg/L)	MW-8B	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-10B	2	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-12B	4	1	0	0	1	1	1	1	1	100
Isobutanol (mg/L)	MW-14B	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-17A-00	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-23A	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-24A	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-25A-00	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-29A	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-31B	5	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-201A	4	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-202A	4	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-203A	4	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-204A	4	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-208B	4	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-210B	4	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-215A	4	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-214A	4	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-200A	3	1	0	0	1	1	1	1	1	100
Isobutanol (mg/L)	MW-205A	4	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-211B	3	1	0	0	1	1	1	1	1	100
Isobutanol (mg/L)	MW-213A	4	2.4	0	0	2.4	2.4	2.4	2.4	2.4	100
Isobutanol (mg/L)	MW-310A	1	10	0	0	10	10	10	10	10	100
Isobutanol (mg/L)	MW-312A	1	10	0	0	10	10	10	10	10	100
Isobutanol (mg/L)	MW-216A	3	10	0	0	10	10	10	10	10	100
Isobutanol (mg/L)	MW-217A	3	10	0	0	10	10	10	10	10	100
Isobutanol (mg/L)	MW-218A	3	10	0	0	10	10	10	10	10	100
Isobutanol (mg/L)	MW-219A	3	10	0	0	10	10	10	10	10	100
Isobutanol (mg/L)	MW-220A	3	10	0	0	10	10	10	10	10	100
Isobutanol (mg/L)	MW-18AR	2	1	0	0	1	1	1	1	1	100
m/p-Cresol (ug/L)	MW-34A (bg)	3	10.2	0	0	10.2	10.2	10.2	10.2	10.2	100
m/p-Cresol (ug/L)	MW-1B	4	10.4	0	0	10.4	10.4	10.4	10.4	10.4	100
m/p-Cresol (ug/L)	MW-5B	4	10.4	0	0	10.4	10.4	10.4	10.4	10.4	100
m/p-Cresol (ug/L)	MW-7B1	4	10.4	0	0	10.4	10.4	10.4	10.4	10.4	100
m/p-Cresol (ug/L)	MW-8B	4	10.2	0	0	10.2	10.2	10.2	10.2	10.2	100
m/p-Cresol (ug/L)	MW-12B	4	8	0	0	8	8	8	8	8	100
m/p-Cresol (ug/L)	MW-14B	4	10.2	0	0	10.2	10.2	10.2	10.2	10.2	100
m/p-Cresol (ug/L)	MW-17A-00	4	10.4	0	0	10.4	10.4	10.4	10.4	10.4	100
m/p-Cresol (ug/L)	MW-23A	4	10.8	0	0	10.8	10.8	10.8	10.8	10.8	100
m/p-Cresol (ug/L)	MW-24A	4	10.3	0	0	10.3	10.3	10.3	10.3	10.3	100
m/p-Cresol (ug/L)	MW-25A-00	4	10.5	0	0	10.5	10.5	10.5	10.5	10.5	100
m/p-Cresol (ug/L)	MW-29A	4	10.3	0	0	10.3	10.3	10.3	10.3	10.3	100
m/p-Cresol (ug/L)	MW-31B	4	10.3	0	0	10.3	10.3	10.3	10.3	10.3	100
m/p-Cresol (ug/L)	MW-201A	3	10.4	0	0	10.4	10.4	10.4	10.4	10.4	100
m/p-Cresol (ug/L)	MW-202A	3	10.4	0	0	10.4	10.4	10.4	10.4	10.4	100
m/p-Cresol (ug/L)	MW-203A	3	10.5	0	0	10.5	10.5	10.5	10.5	10.5	100
m/p-Cresol (ug/L)	MW-204A	3	10.1	0	0	10.1	10.1	10.1	10.1	10.1	100
m/p-Cresol (ug/L)	MW-208B	3	10.4	0	0	10.4	10.4	10.4	10.4	10.4	100
m/p-Cresol (ug/L)	MW-210B	3	10.4	0	0	10.4	10.4	10.4	10.4	10.4	100
m/p-Cresol (ug/L)	MW-215A	3	10.4	0	0	10.4	10.4	10.4	10.4	10.4	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
m/p-Cresol (ug/L)	MW-214A	3	10.4	0	0	10.4	10.4	10.4	10.4	10.4	100
m/p-Cresol (ug/L)	MW-200A	3	8	0	0	8	8	8	8	8	100
m/p-Cresol (ug/L)	MW-205A	3	8	0	0	8	8	8	8	8	100
m/p-Cresol (ug/L)	MW-211B	3	8	0	0	8	8	8	8	8	100
m/p-Cresol (ug/L)	MW-213A	3	8	0	0	8	8	8	8	8	100
m/p-Cresol (ug/L)	MW-310A	1	10	0	0	10	10	10	10	10	100
m/p-Cresol (ug/L)	MW-312A	1	10	0	0	10	10	10	10	10	100
m/p-Cresol (ug/L)	MW-38A (bg)	1	10.1	0	0	10.1	10.1	10.1	10.1	10.1	100
m/p-Cresol (ug/L)	MW-216A	3	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
m/p-Cresol (ug/L)	MW-217A	3	10	0	0	10	10	10	10	10	100
m/p-Cresol (ug/L)	MW-218A	3	9.8	0	0	9.8	9.8	9.8	9.8	9.8	100
m/p-Cresol (ug/L)	MW-219A	5	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
m/p-Cresol (ug/L)	MW-220A	3	10	0	0	10	10	10	10	10	100
m/p-Cresol (ug/L)	MW-18AR	2	8	0	0	8	8	8	8	8	100
O-Toluidine (ug/L)	MW-34A (bg)	3	10.2	0	0	10.2	10.2	10.2	10.2	10.2	100
O-Toluidine (ug/L)	MW-1B	5	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-5B	5	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-7B1	5	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-8B	5	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-10B	2	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-12B	4	8	0	0	8	8	8	8	8	100
O-Toluidine (ug/L)	MW-14B	5	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-17A-00	5	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-23A	5	2.84	0	0	2.84	2.84	2.84	2.84	2.84	100
O-Toluidine (ug/L)	MW-24A	5	2.96	0	0	2.96	2.96	2.96	2.96	2.96	100
O-Toluidine (ug/L)	MW-25A-00	5	3.09	0	0	3.09	3.09	3.09	3.09	3.09	100
O-Toluidine (ug/L)	MW-29A	5	2.96	0	0	2.96	2.96	2.96	2.96	2.96	100
O-Toluidine (ug/L)	MW-31B	5	3.09	0	0	3.09	3.09	3.09	3.09	3.09	100
O-Toluidine (ug/L)	MW-201A	4	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-202A	4	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-203A	4	3.09	0	0	3.09	3.09	3.09	3.09	3.09	100
O-Toluidine (ug/L)	MW-204A	4	2.56	0.92	0.46	3.02	2.1	3.02	1.18	3.02	75
O-Toluidine (ug/L)	MW-208B	4	2.96	0	0	2.96	2.96	2.96	2.96	2.96	100
O-Toluidine (ug/L)	MW-210B	4	2.9	0	0	2.9	2.9	2.9	2.9	2.9	100
O-Toluidine (ug/L)	MW-215A	4	3.09	0	0	3.09	3.09	3.09	3.09	3.09	100
O-Toluidine (ug/L)	MW-214A	4	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-200A	3	8	0	0	8	8	8	8	8	100
O-Toluidine (ug/L)	MW-205A	4	3.15	0	0	3.15	3.15	3.15	3.15	3.15	100
O-Toluidine (ug/L)	MW-211B	3	8	0	0	8	8	8	8	8	100
O-Toluidine (ug/L)	MW-213A	4	3.02	0	0	3.02	3.02	3.02	3.02	3.02	100
O-Toluidine (ug/L)	MW-310A	1	10	0	0	10	10	10	10	10	100
O-Toluidine (ug/L)	MW-312A	1	10	0	0	10	10	10	10	10	100
O-Toluidine (ug/L)	MW-38A (bg)	1	10.1	0	0	10.1	10.1	10.1	10.1	10.1	100
O-Toluidine (ug/L)	MW-216A	3	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
O-Toluidine (ug/L)	MW-217A	3	10	0	0	10	10	10	10	10	100
O-Toluidine (ug/L)	MW-218A	3	9.8	0	0	9.8	9.8	9.8	9.8	9.8	100
O-Toluidine (ug/L)	MW-219A	5	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
O-Toluidine (ug/L)	MW-220A	3	10	0	0	10	10	10	10	10	100
O-Toluidine (ug/L)	MW-18AR	2	8	0	0	8	8	8	8	8	100
Phenol (ug/L)	MW-34A (bg)	3	10.2	0	0	10.2	10.2	10.2	10.2	10.2	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Phenol (ug/L)	MW-1B	5	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-5B	5	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-7B1	5	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-8B	5	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-10B	2	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-12B	4	8	0	0	8	8	8	8	8	100
Phenol (ug/L)	MW-14B	5	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-17A-00	5	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-23A	5	1.08	0	0	1.08	1.08	1.08	1.08	1.08	100
Phenol (ug/L)	MW-24A	5	1.12	0	0	1.12	1.12	1.12	1.12	1.12	100
Phenol (ug/L)	MW-25A-00	5	1.17	0	0	1.17	1.17	1.17	1.17	1.17	100
Phenol (ug/L)	MW-29A	5	1.12	0	0	1.12	1.12	1.12	1.12	1.12	100
Phenol (ug/L)	MW-31B	5	1.17	0	0	1.17	1.17	1.17	1.17	1.17	100
Phenol (ug/L)	MW-201A	4	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-202A	4	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-203A	4	1.17	0	0	1.17	1.17	1.17	1.17	1.17	100
Phenol (ug/L)	MW-204A	4	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-208B	4	1.12	0	0	1.12	1.12	1.12	1.12	1.12	100
Phenol (ug/L)	MW-210B	4	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Phenol (ug/L)	MW-215A	4	1.17	0	0	1.17	1.17	1.17	1.17	1.17	100
Phenol (ug/L)	MW-214A	4	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-200A	3	8	0	0	8	8	8	8	8	100
Phenol (ug/L)	MW-205A	4	1.2	0	0	1.2	1.2	1.2	1.2	1.2	100
Phenol (ug/L)	MW-211B	3	8	0	0	8	8	8	8	8	100
Phenol (ug/L)	MW-213A	4	1.15	0	0	1.15	1.15	1.15	1.15	1.15	100
Phenol (ug/L)	MW-310A	1	10	0	0	10	10	10	10	10	100
Phenol (ug/L)	MW-312A	1	10	0	0	10	10	10	10	10	100
Phenol (ug/L)	MW-38A (bg)	1	10.1	0	0	10.1	10.1	10.1	10.1	10.1	100
Phenol (ug/L)	MW-216A	3	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
Phenol (ug/L)	MW-217A	3	10	0	0	10	10	10	10	10	100
Phenol (ug/L)	MW-218A	3	9.8	0	0	9.8	9.8	9.8	9.8	9.8	100
Phenol (ug/L)	MW-219A	5	10.6	0	0	10.6	10.6	10.6	10.6	10.6	100
Phenol (ug/L)	MW-220A	3	10	0	0	10	10	10	10	10	100
Phenol (ug/L)	MW-18AR	2	8	0	0	8	8	8	8	8	100
Tetrachloroethene (ug/L)	MW-34A (bg)	40	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-1B	38	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-5B	30	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-7B1	30	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-8B	29	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-10B	15	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
Tetrachloroethene (ug/L)	MW-14B	30	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-17A-00	31	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-23A	31	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-24A	29	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-25A-00	38	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-29A	39	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-31B	42	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-201A	35	0.491	0.1683	0.02844	0.48	0.48	0.48	0.194	1.39	91.43
Tetrachloroethene (ug/L)	MW-202A	29	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Tetrachloroethene (ug/L)	MW-203A	29	0.4571	0.09374	0.01741	0.48	0.48	0.48	0.223	0.765	75.86
Tetrachloroethene (ug/L)	MW-204A	28	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-208B	27	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-210B	28	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-215A	27	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-214A	28	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-200A	36	0.4806	0.003333	0.0005556	0.48	0.48	0.48	0.48	0.5	97.22
Tetrachloroethene (ug/L)	MW-205A	28	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-211B	35	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-213A	29	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-310A	18	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-312A	31	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-38A (bg)	26	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-39B (bg)	26	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-216A	32	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-217A	32	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-218A	32	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-219A	32	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-220A	32	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-18AR	15	4.289	0.5461	0.141	4.22	3.95	4.5	3.6	5.5	0
Tetrachloroethene (ug/L)	MW-408	10	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-410	10	0.48	0	0	0.48	0.48	0.48	0.48	0.48	100
Toluene (ug/L)	MW-34A (bg)	37	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-1B	37	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-5B	29	0.4456	0.06259	0.01162	0.43	0.43	0.43	0.424	0.735	89.66
Toluene (ug/L)	MW-7B1	30	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-8B	29	0.4221	0.04271	0.007931	0.43	0.43	0.43	0.2	0.43	96.55
Toluene (ug/L)	MW-10B	15	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
Toluene (ug/L)	MW-14B	30	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-17A-00	31	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-23A	30	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-24A	29	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-25A-00	38	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-29A	39	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-31B	42	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-201A	35	0.4263	0.02197	0.003714	0.43	0.43	0.43	0.3	0.43	97.14
Toluene (ug/L)	MW-202A	29	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-203A	29	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-204A	28	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-208B	27	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-210B	28	0.4372	0.03789	0.007161	0.43	0.43	0.43	0.43	0.6305	96.43
Toluene (ug/L)	MW-215A	27	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-214A	28	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-200A	36	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-205A	28	0.462	0.2411	0.04557	0.43	0.43	0.43	0.231	1.67	89.29
Toluene (ug/L)	MW-211B	35	0.4229	0.04192	0.007086	0.43	0.43	0.43	0.182	0.43	97.14
Toluene (ug/L)	MW-213A	29	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-310A	18	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-312A	17	0.4224	0.03153	0.007647	0.43	0.43	0.43	0.3	0.43	94.12

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Toluene (ug/L)	MW-38A (bg)	26	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-39B (bg)	26	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-216A	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-217A	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-218A	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-219A	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-220A	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-18AR	16	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-408	10	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toluene (ug/L)	MW-410	10	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Toxaphene (ug/L)	MW-34A (bg)	7	2	0	0	2	2	2	2	2	100
Toxaphene (ug/L)	MW-1B	5	0.904	0	0	0.904	0.904	0.904	0.904	0.904	100
Toxaphene (ug/L)	MW-5B	5	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Toxaphene (ug/L)	MW-7B1	19	0.9915	0.329	0.07547	0.916	0.916	0.916	0.916	2.35	94.74
Toxaphene (ug/L)	MW-8B	19	1.471	1.306	0.2997	0.921	0.921	0.921	0.921	4.52	84.21
Toxaphene (ug/L)	MW-10B	2	0.9	0	0	0.9	0.9	0.9	0.9	0.9	100
Toxaphene (ug/L)	MW-12B	4	0.2	0	0	0.2	0.2	0.2	0.2	0.2	100
Toxaphene (ug/L)	MW-14B	5	0.904	0	0	0.904	0.904	0.904	0.904	0.904	100
Toxaphene (ug/L)	MW-17A-00	5	0.909	0	0	0.909	0.909	0.909	0.909	0.909	100
Toxaphene (ug/L)	MW-23A	5	0.882	0	0	0.882	0.882	0.882	0.882	0.882	100
Toxaphene (ug/L)	MW-24A	5	0.907	0	0	0.907	0.907	0.907	0.907	0.907	100
Toxaphene (ug/L)	MW-25A-00	5	0.904	0	0	0.904	0.904	0.904	0.904	0.904	100
Toxaphene (ug/L)	MW-29A	5	0.895	0	0	0.895	0.895	0.895	0.895	0.895	100
Toxaphene (ug/L)	MW-31B	5	0.897	0	0	0.897	0.897	0.897	0.897	0.897	100
Toxaphene (ug/L)	MW-201A	4	0.907	0	0	0.907	0.907	0.907	0.907	0.907	100
Toxaphene (ug/L)	MW-202A	4	0.895	0	0	0.895	0.895	0.895	0.895	0.895	100
Toxaphene (ug/L)	MW-203A	4	0.902	0	0	0.902	0.902	0.902	0.902	0.902	100
Toxaphene (ug/L)	MW-204A	4	0.921	0	0	0.921	0.921	0.921	0.921	0.921	100
Toxaphene (ug/L)	MW-208B	4	0.902	0	0	0.902	0.902	0.902	0.902	0.902	100
Toxaphene (ug/L)	MW-210B	4	0.904	0	0	0.904	0.904	0.904	0.904	0.904	100
Toxaphene (ug/L)	MW-215A	4	0.904	0	0	0.904	0.904	0.904	0.904	0.904	100
Toxaphene (ug/L)	MW-214A	4	0.904	0	0	0.904	0.904	0.904	0.904	0.904	100
Toxaphene (ug/L)	MW-200A	3	0.2	0	0	0.2	0.2	0.2	0.2	0.2	100
Toxaphene (ug/L)	MW-205A	4	0.801	0	0	0.801	0.801	0.801	0.801	0.801	100
Toxaphene (ug/L)	MW-211B	3	0.2	0	0	0.2	0.2	0.2	0.2	0.2	100
Toxaphene (ug/L)	MW-213A	4	0.81	0	0	0.81	0.81	0.81	0.81	0.81	100
Toxaphene (ug/L)	MW-310A	1	2	0	0	2	2	2	2	2	100
Toxaphene (ug/L)	MW-312A	1	2	0	0	2	2	2	2	2	100
Toxaphene (ug/L)	MW-38A (bg)	1	2	0	0	2	2	2	2	2	100
Toxaphene (ug/L)	MW-39B (bg)	2	2.02	0	0	2.02	2.02	2.02	2.02	2.02	100
Toxaphene (ug/L)	MW-216A	3	2	0	0	2	2	2	2	2	100
Toxaphene (ug/L)	MW-217A	3	2.33	0	0	2.33	2.33	2.33	2.33	2.33	100
Toxaphene (ug/L)	MW-218A	3	2.22	0	0	2.22	2.22	2.22	2.22	2.22	100
Toxaphene (ug/L)	MW-219A	3	2	0	0	2	2	2	2	2	100
Toxaphene (ug/L)	MW-220A	3	2	0	0	2	2	2	2	2	100
Toxaphene (ug/L)	MW-18AR	2	0.2	0	0	0.2	0.2	0.2	0.2	0.2	100
trans-1,2-Dichloroethene (ug/L)	MW-34A (bg)	37	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-1B	38	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-5B	30	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-7B1	30	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
trans-1,2-Dichloroethene (ug/L)	MW-8B	29	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-10B	15	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
trans-1,2-Dichloroethene (ug/L)	MW-14B	30	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-17A-00	31	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-23A	31	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-24A	29	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-25A-00	38	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-29A	39	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-31B	42	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-201A	35	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-202A	29	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-203A	29	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-204A	28	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-208B	27	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-210B	28	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-215A	27	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-214A	28	0.27	0	0	0.27	0.27	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-200A	36	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-205A	28	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-211B	35	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-213A	29	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-310A	18	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-312A	17	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-38A (bg)	26	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-39B (bg)	26	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-216A	32	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-217A	32	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-218A	32	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-219A	32	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-220A	32	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-18AR	16	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-408	10	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
trans-1,2-Dichloroethene (ug/L)	MW-410	10	0.41	0	0	0.41	0.41	0.41	0.41	0.41	100
Trichloroethene (ug/L)	MW-34A (bg)	40	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-1B	38	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-5B	30	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-7B1	30	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-8B	29	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-10B	15	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
Trichloroethene (ug/L)	MW-14B	30	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-17A-00	31	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-23A	31	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-24A	29	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-25A-00	38	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-29A	39	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-31B	42	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-201A	35	0.6607	0.9306	0.1573	0.35	0.35	0.35	0.301	5.11	77.14
Trichloroethene (ug/L)	MW-202A	29	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Trichloroethene (ug/L)	MW-203A	29	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-204A	28	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-208B	27	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-210B	28	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-215A	27	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-214A	28	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-200A	36	0.3514	0.008333	0.001389	0.35	0.35	0.35	0.35	0.4	97.22
Trichloroethene (ug/L)	MW-205A	28	0.3518	0.009449	0.001786	0.35	0.35	0.35	0.35	0.4	96.43
Trichloroethene (ug/L)	MW-211B	35	0.3514	0.008452	0.001429	0.35	0.35	0.35	0.35	0.4	97.14
Trichloroethene (ug/L)	MW-213A	29	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-310A	18	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-312A	31	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-38A (bg)	26	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-39B (bg)	26	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-216A	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-217A	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-218A	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-219A	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-220A	32	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-18AR	15	1.561	0.4688	0.121	1.44	1.3	1.9	0.807	2.41	0
Trichloroethene (ug/L)	MW-408	10	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichloroethene (ug/L)	MW-410	10	0.35	0	0	0.35	0.35	0.35	0.35	0.35	100
Trichlorofluoromethane (ug/L)	MW-34A (bg)	37	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-1B	38	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-5B	30	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-7B1	30	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-8B	29	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-10B	15	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-12B	29	4	0	0	4	4	4	4	4	100
Trichlorofluoromethane (ug/L)	MW-14B	30	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-17A-00	31	0.364	0.05132	0.009218	0.38	0.38	0.38	0.218	0.414	64.52
Trichlorofluoromethane (ug/L)	MW-23A	31	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-24A	29	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-25A-00	38	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-29A	39	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-31B	42	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-201A	35	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-202A	29	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-203A	29	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-204A	28	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-208B	27	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-210B	28	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-215A	27	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-214A	28	0.38	0	0	0.38	0.38	0.38	0.38	0.38	100
Trichlorofluoromethane (ug/L)	MW-200A	36	0.4343	0.09033	0.01505	0.47	0.47	0.47	0.184	0.47	86.11
Trichlorofluoromethane (ug/L)	MW-205A	28	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-211B	35	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-213A	29	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-310A	18	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-312A	17	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Trichlorofluoromethane (ug/L)	MW-38A (bg)	26	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-39B (bg)	26	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-216A	32	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-217A	32	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-218A	32	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-219A	32	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-220A	32	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-18AR	14	4.396	2.573	0.6877	3.83	2.025	7.285	1.43	8.43	0
Trichlorofluoromethane (ug/L)	MW-408	10	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Trichlorofluoromethane (ug/L)	MW-410	10	0.47	0	0	0.47	0.47	0.47	0.47	0.47	100
Vinyl Chloride (ug/L)	MW-34A (bg)	40	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-1B	38	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-5B	30	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-7B1	30	0.8181	0.313	0.05714	1	0.4535	1	0.12	1	73.33
Vinyl Chloride (ug/L)	MW-8B	29	0.1808	0.004085	0.0007586	0.18	0.18	0.18	0.18	0.202	96.55
Vinyl Chloride (ug/L)	MW-10B	15	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-12B	29	1	0	0	1	1	1	1	1	100
Vinyl Chloride (ug/L)	MW-14B	30	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-17A-00	31	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-23A	31	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-24A	29	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-25A-00	38	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-29A	39	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-31B	42	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-201A	35	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-202A	29	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-203A	29	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-204A	28	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-208B	27	0.1771	0.01501	0.002889	0.18	0.18	0.18	0.102	0.18	96.3
Vinyl Chloride (ug/L)	MW-210B	28	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-215A	27	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-214A	28	0.18	0	0	0.18	0.18	0.18	0.18	0.18	100
Vinyl Chloride (ug/L)	MW-200A	36	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-205A	28	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-211B	35	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-213A	29	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-310A	18	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-312A	31	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-38A (bg)	26	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-39B (bg)	26	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-216A	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-217A	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-218A	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-219A	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-220A	32	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-18AR	16	0.4193	0.05773	0.01443	0.43	0.43	0.43	0.255	0.5	75
Vinyl Chloride (ug/L)	MW-408	10	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Vinyl Chloride (ug/L)	MW-410	10	0.43	0	0	0.43	0.43	0.43	0.43	0.43	100
Xylenes, Total (ug/L)	MW-34A (bg)	33	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-1B	38	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100

Box & Whiskers Plot

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 10:38 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Lower Q.	Upper Q.	Min.	Max.	%NDs
Xylenes, Total (ug/L)	MW-5B	30	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-7B1	30	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-8B	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-10B	15	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-12B	29	3	0	0	3	3	3	3	3	100
Xylenes, Total (ug/L)	MW-14B	30	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-17A-00	31	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-23A	31	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-24A	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-25A-00	38	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-29A	39	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-31B	42	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-201A	35	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-202A	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-203A	29	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-204A	27	0.384	0.05787	0.01114	0.4	0.4	0.4	0.172	0.4	92.59
Xylenes, Total (ug/L)	MW-208B	27	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-210B	28	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-215A	27	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-214A	28	0.4	0	0	0.4	0.4	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-200A	36	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-205A	28	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-211B	35	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-213A	29	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-310A	18	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-312A	17	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-38A (bg)	26	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-39B (bg)	26	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-216A	32	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-217A	32	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-218A	32	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-219A	32	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-220A	32	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-18AR	16	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-408	10	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100
Xylenes, Total (ug/L)	MW-410	10	1.1	0	0	1.1	1.1	1.1	1.1	1.1	100

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Groundwater Monitoring Wells – Trends

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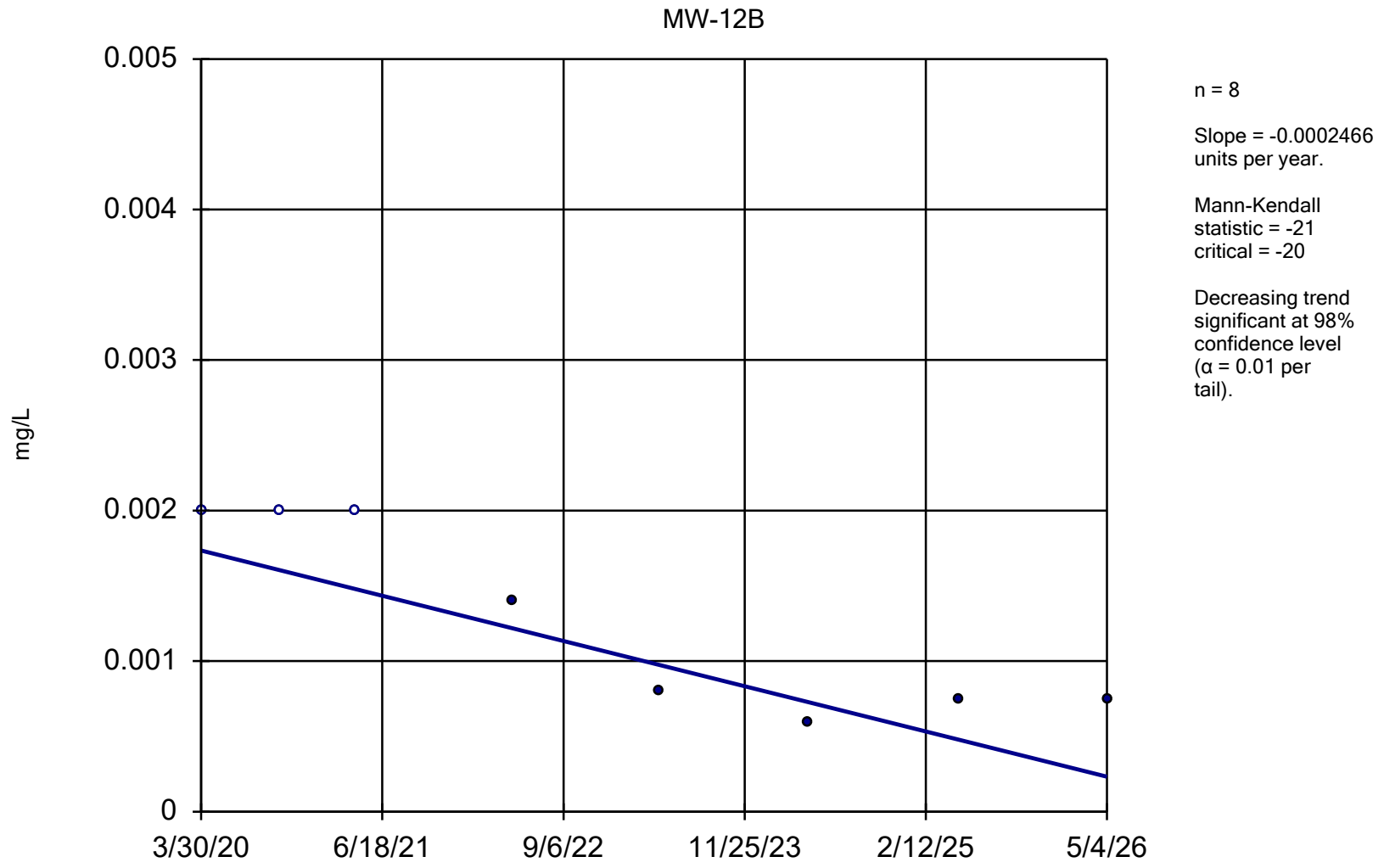
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: Arsenic Analysis Run 7/21/2026 4:35 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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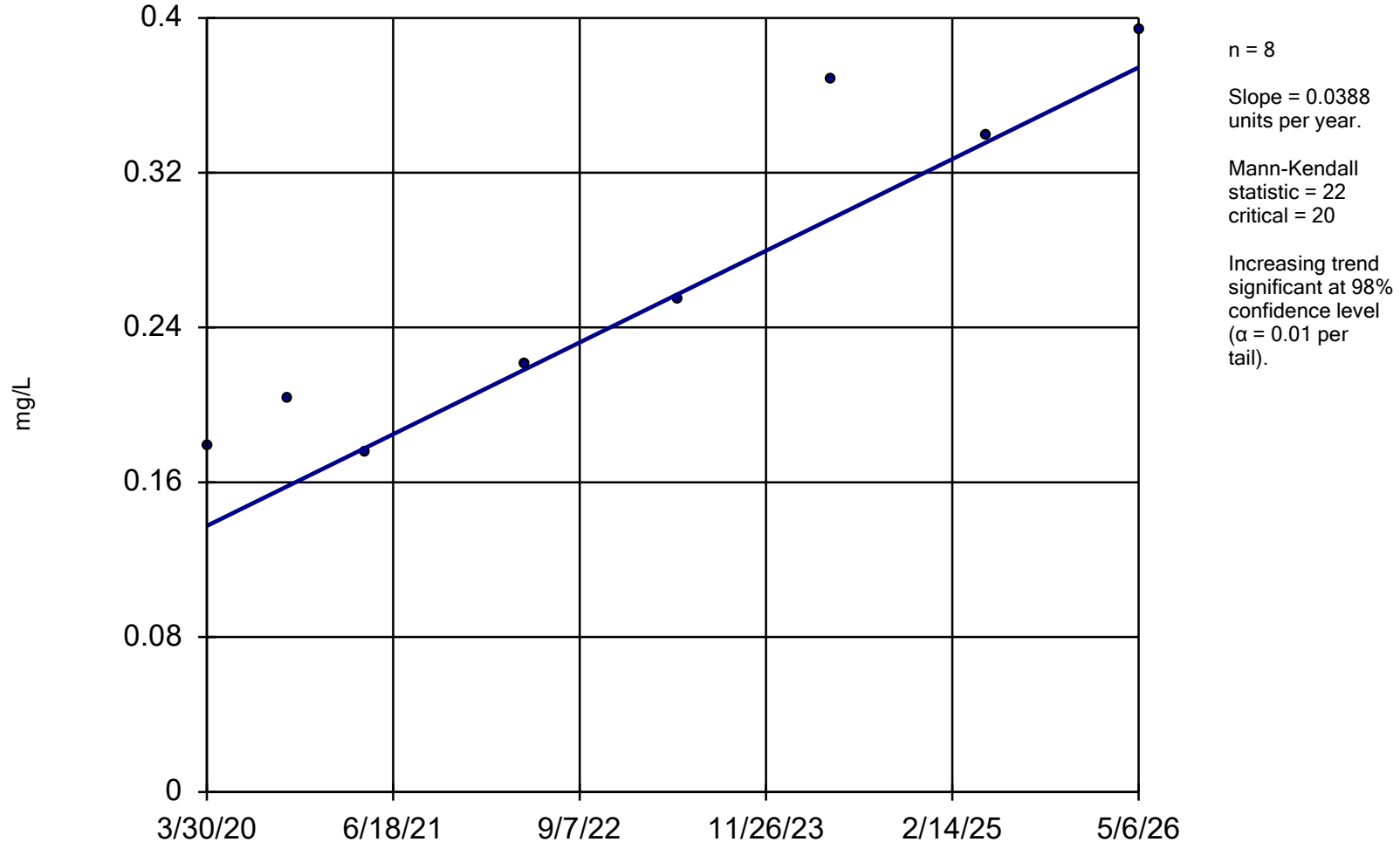
Sen's Slope Estimator

MW-34A (bg)



n = 8

Slope = 0.0388 units per year.

Mann-Kendall statistic = 22
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 7/21/2026 4:36 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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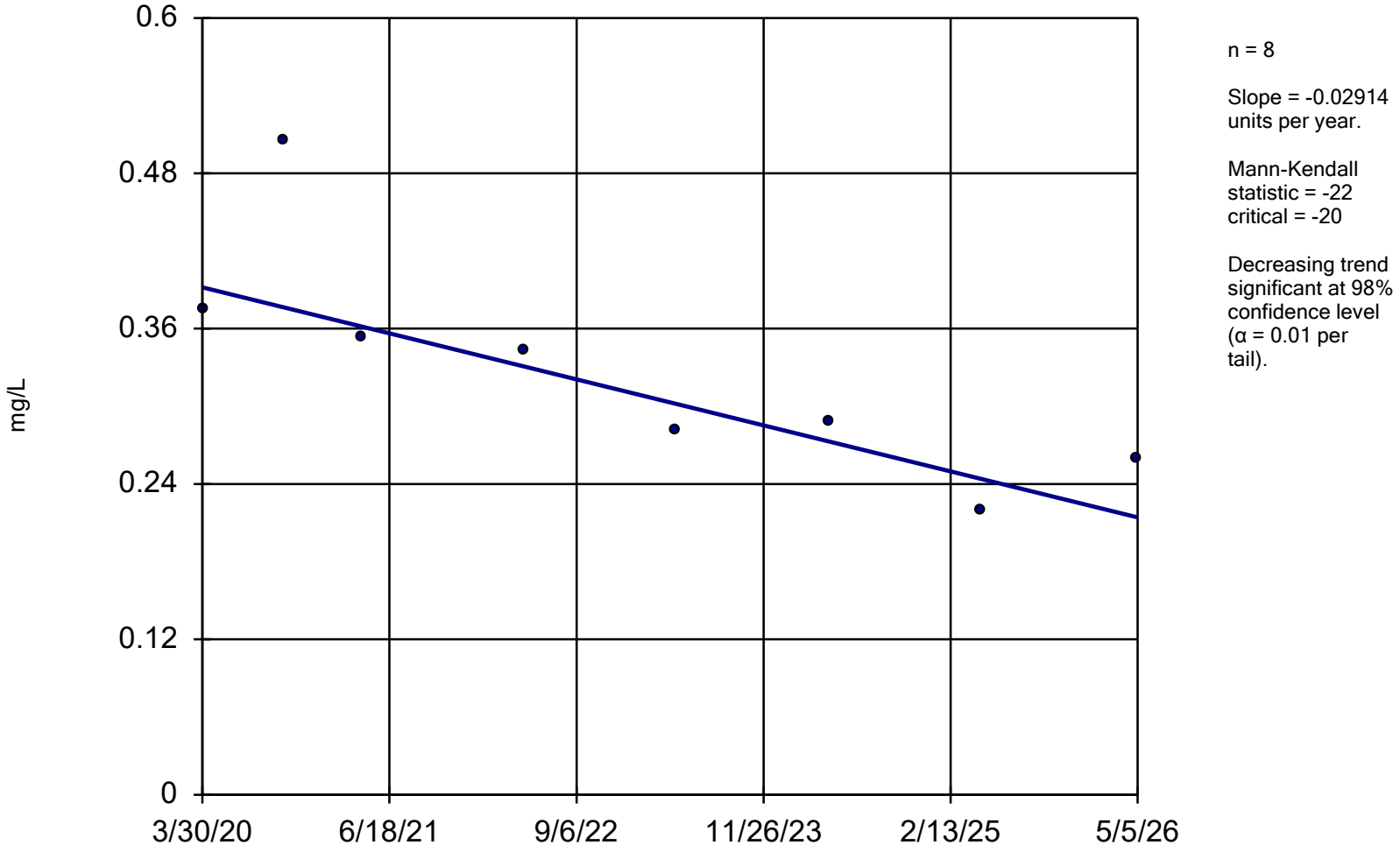
Sen's Slope Estimator

MW-8B



n = 8

Slope = -0.02914 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 7/21/2026 4:36 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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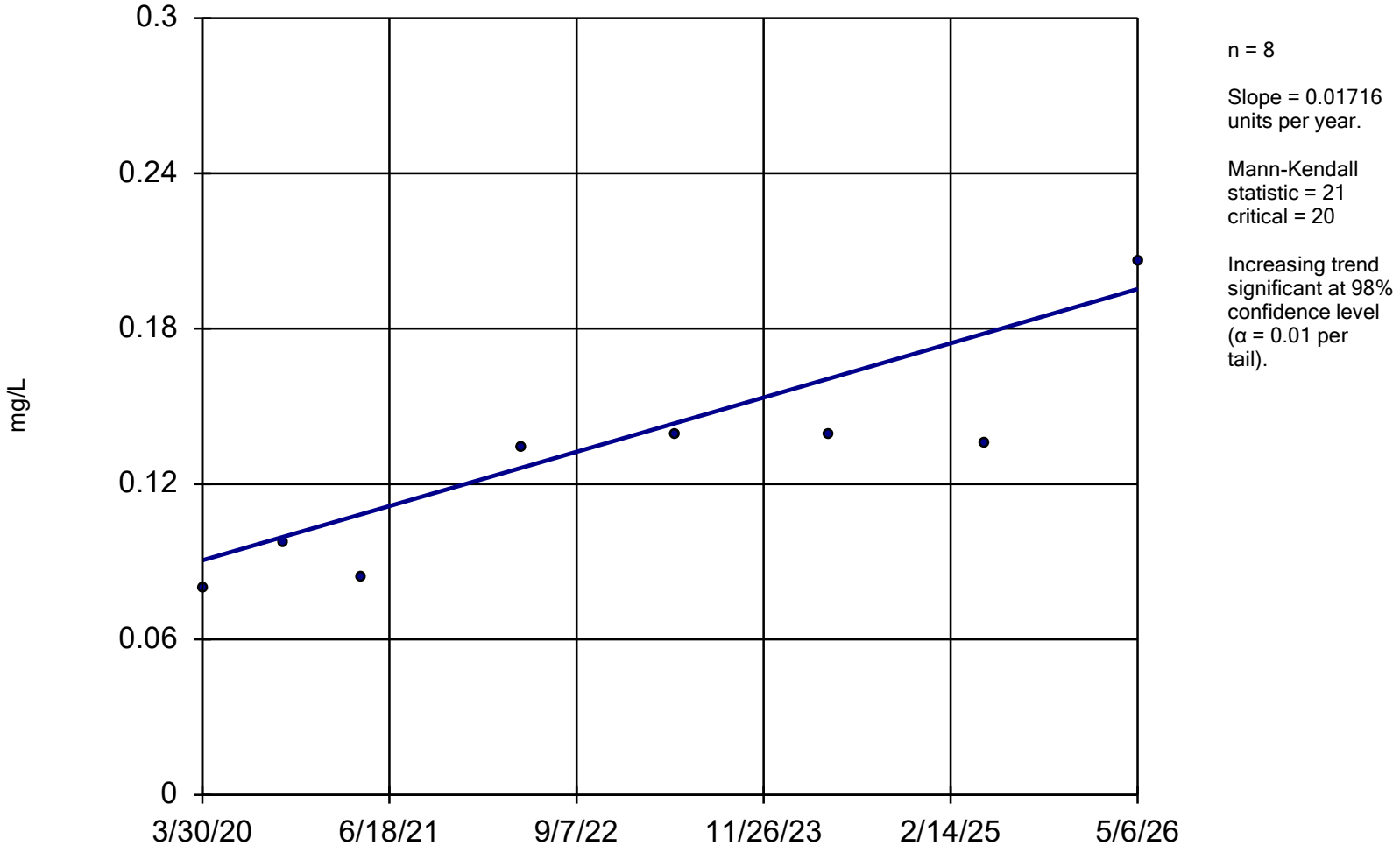
Sen's Slope Estimator

MW-215A



n = 8

Slope = 0.01716 units per year.

Mann-Kendall statistic = 21
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 7/21/2026 4:36 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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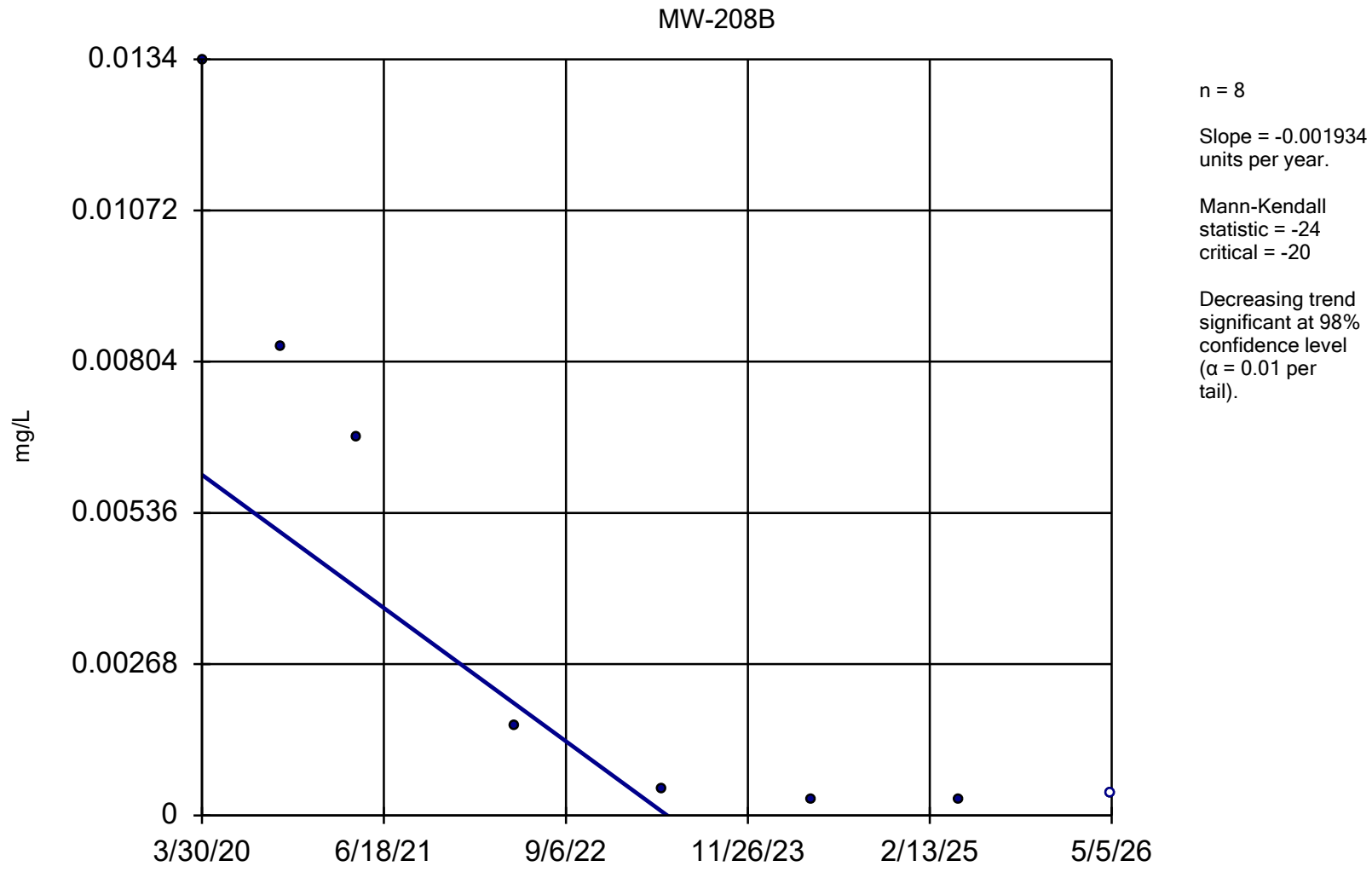
Sen's Slope Estimator



Constituent: Cobalt Analysis Run 7/21/2026 4:38 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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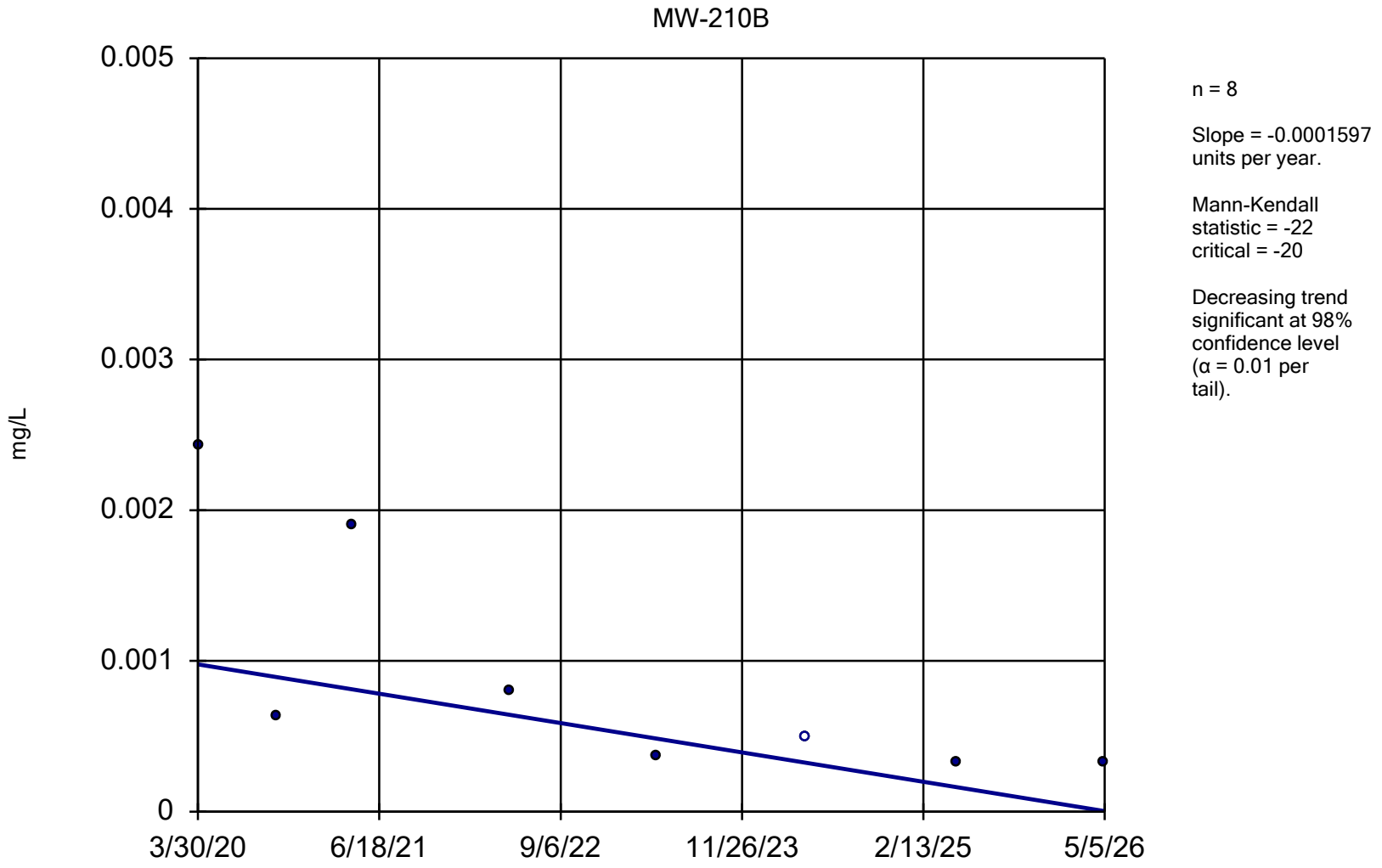
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: Lead Analysis Run 7/21/2026 4:40 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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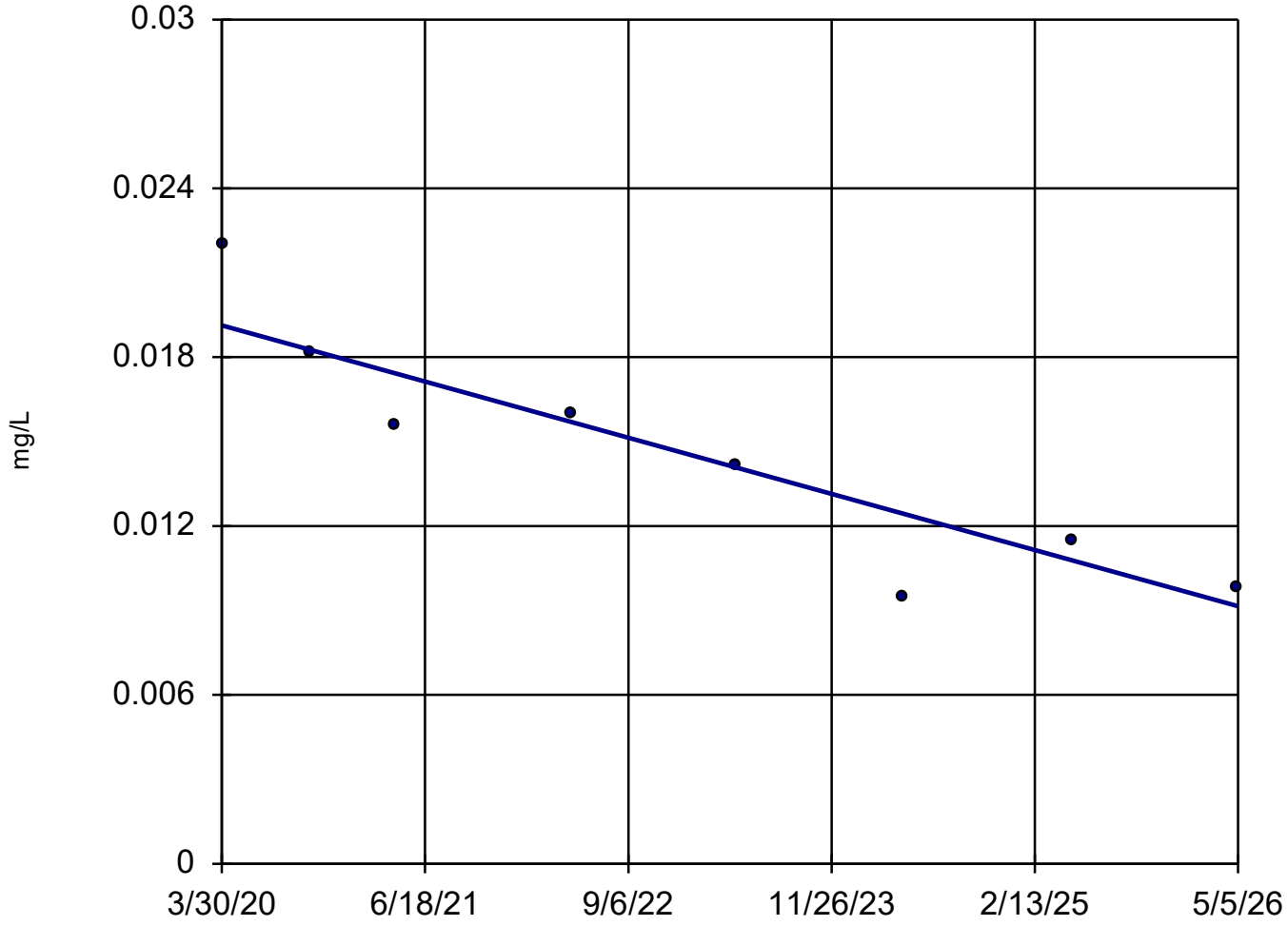
Sen's Slope Estimator

MW-210B



n = 8

Slope = -0.001635 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Nickel Analysis Run 7/21/2026 4:41 PM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:46 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-29A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-203A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-215A	0	-2	-20	No	8	62.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-213A	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-310A	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-39B (bg)	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-216A	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-217A	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-18AR	0	6	17	No	7	85.71	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-408	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Antimony (mg/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-34A (bg)	-0.0003238	-17	-20	No	8	37.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-1B	0.0002464	14	20	No	8	50	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-5B	-0.0001671	-17	-20	No	8	37.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-7B1	-0.0000795	-6	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-8B	-0.0001026	-2	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-10B	0	-8	-20	No	8	62.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	**MW-12B**	**-0.0002466**	**-21**	**-20**	**Yes**	**8**	**37.5**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (mg/L)	MW-14B	-0.0001689	-13	-20	No	8	12.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-23A	0	-7	-20	No	8	75	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-24A	0.003692	18	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-25A-00	-0.00005705	-12	-20	No	8	62.5	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:46 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	MW-29A	-0.0001278	-11	-20	No	8	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-31B	-0.00003973	-3	-20	No	8	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-201A	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-202A	0	-6	-20	No	8	62.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-204A	-0.000854	-6	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-208B	-0.002321	-14	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-210B	0.0002753	4	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-215A	-7.5e-11	-4	-20	No	8	37.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-214A	0	-6	-20	No	8	62.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-200A	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-205A	-0.001326	-12	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-211B	0.00746	16	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-213A	-0.0002931	-18	-20	No	8	12.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-312A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-38A (bg)	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-39B (bg)	0	-7	-20	No	8	75	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-216A	-0.0001514	-12	-20	No	8	50	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-217A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-218A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-219A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-220A	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-18AR	-0.00004894	-16	-20	No	8	62.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-408	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-410	-0.0000225	-12	-20	No	8	50	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-34A (bg)**	**0.0388**	**22**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-1B	-0.001677	-2	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-5B	0.00371	7	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-7B1	-0.01117	-6	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-8B**	**-0.02914**	**-22**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-10B	0	0	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-12B	0.008286	12	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-14B	-0.004804	-3	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-17A-00	0.001642	5	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-23A	0.00246	14	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-24A	0.01307	19	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-25A-00	-0.001811	-2	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-29A	0.0538	14	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-31B	-0.001235	-2	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-201A	-0.02496	-10	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-202A	0.0007139	0	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-203A	-0.001834	-4	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-204A	0.0007176	1	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-208B	-0.09568	-20	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-210B	-0.03713	-16	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	**MW-215A**	**0.01716**	**21**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (mg/L)	MW-214A	-0.0008705	-7	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-200A	0.02582	7	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-205A	-0.02018	-18	-20	No	8	0	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:46 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	MW-211B	-0.09942	-20	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-213A	-0.00383	-4	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-310A	-0.005273	-6	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-312A	-0.01231	-12	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-38A (bg)	0.004381	15	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-39B (bg)	-0.002389	-10	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-216A	-0.002352	-6	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-217A	-0.003071	-6	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-218A	-0.0001795	0	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-219A	-0.003221	-2	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-220A	0.004479	4	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-18AR	0.03531	10	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-408	-0.002338	-2	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-410	-0.003617	-14	-20	No	8	0	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-31B	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-18AR	0	0	17	No	7	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:46 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beryllium (mg/L)	MW-408	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Beryllium (mg/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-5B	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-10B	0	-6	-20	No	8	62.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-12B	0.0001115	10	20	No	8	50	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-14B	0	0	20	No	8	37.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-23A	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-29A	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-204A	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-208B	0	3	20	No	8	75	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-210B	-0.00001094	0	20	No	8	12.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-215A	-0.00004706	-10	-20	No	8	50	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-205A	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-211B	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-213A	0.00001217	11	20	No	8	37.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-39B (bg)	0.000005908	3	20	No	8	37.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-218A	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-18AR	0	6	17	No	7	85.71	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-408	0.00000738	2	20	No	8	12.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-5B	0	6	20	No	8	62.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-8B	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-10B	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-12B	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-14B	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-17A-00	-0.000005046	-3	-20	No	8	25	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-23A	-0.00004449	-4	-20	No	8	12.5	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:46 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chromium (mg/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-25A-00	0	13	20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-31B	0	4	20	No	8	50	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-201A	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-202A	-0.00001129	-4	-20	No	8	12.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-203A	-0.0005192	-12	-20	No	8	0	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-204A	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-208B	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-215A	-0.0006701	-13	-20	No	8	25	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-214A	-0.0002039	-12	-20	No	8	12.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-200A	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-205A	0	-9	-20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-211B	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-310A	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-312A	0	7	20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-38A (bg)	0.00001941	6	20	No	8	0	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-39B (bg)	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-216A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-217A	-0.00002466	-11	-20	No	8	50	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-18AR	0	0	17	No	7	100	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-408	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-34A (bg)	0.00003681	10	20	No	8	50	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-1B	0	6	20	No	8	62.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-5B	0.00006281	9	20	No	8	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-7B1	0.00003099	12	20	No	8	25	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-8B	0.0007624	8	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-10B	0	-5	-20	No	8	75	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-12B	-0.00004133	-2	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-14B	-0.0007406	-10	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-23A	0	0	20	No	8	50	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-24A	-0.0007245	-4	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-25A-00	-0.0000408	-14	-20	No	8	62.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-29A	-0.000269	-5	-20	No	8	25	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-31B	-0.0002042	-6	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-201A	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-202A	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-203A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-204A	0	4	20	No	8	50	n/a	n/a	0.02	NP
Cobalt (mg/L)	**MW-208B**	**-0.001934**	**-24**	**-20**	**Yes**	**8**	**12.5**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/L)	MW-210B	-0.000668	-20	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-215A	0.00007379	2	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-214A	0.00004856	5	20	No	8	37.5	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:46 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Cobalt (mg/L)	MW-200A	0	-2	-20	No	8	62.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-205A	0.00002537	16	20	No	8	25	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-211B	-0.001106	-2	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-213A	-0.0004911	-10	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-310A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-312A	-0.00006926	-12	-20	No	8	62.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-39B (bg)	-0.0001757	-4	-20	No	8	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-216A	0	0	20	No	8	50	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-217A	0	-9	-20	No	8	75	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-220A	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-18AR	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-408	0.00006318	5	20	No	8	25	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-410	-0.000002305	-2	-20	No	8	12.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-34A (bg)	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-1B	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-5B	-0.0001287	-7	-20	No	8	37.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-7B1	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-8B	-0.00004288	-10	-20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-10B	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-12B	-0.00003692	-6	-20	No	8	50	n/a	n/a	0.02	NP
Copper (mg/L)	MW-14B	0	-4	-20	No	8	50	n/a	n/a	0.02	NP
Copper (mg/L)	MW-17A-00	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-23A	0	-5	-20	No	8	75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-24A	0	4	20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-25A-00	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-29A	-0.00006943	-6	-20	No	8	50	n/a	n/a	0.02	NP
Copper (mg/L)	MW-31B	-0.0003528	-16	-20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-201A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Copper (mg/L)	MW-204A	-0.000023	-3	-20	No	8	25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-208B	0	8	20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-210B	-0.0001058	-7	-20	No	8	37.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-215A	-0.00003623	-1	-20	No	8	25	n/a	n/a	0.02	NP
Copper (mg/L)	MW-214A	0	0	20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-200A	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-205A	0	-4	-20	No	8	50	n/a	n/a	0.02	NP
Copper (mg/L)	MW-211B	0	-7	-20	No	8	75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-213A	0	1	20	No	8	50	n/a	n/a	0.02	NP
Copper (mg/L)	MW-310A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-312A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-38A (bg)	0	-4	-20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-39B (bg)	-0.00005958	-6	-20	No	8	50	n/a	n/a	0.02	NP
Copper (mg/L)	MW-216A	0.000183	8	20	No	8	50	n/a	n/a	0.02	NP
Copper (mg/L)	MW-217A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-218A	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
Copper (mg/L)	MW-219A	0	-7	-20	No	8	75	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:46 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Copper (mg/L)	MW-220A	0	-6	-20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-18AR	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-408	-0.0002389	-18	-20	No	8	62.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-410	0	4	20	No	8	62.5	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-34A (bg)	0	0	17	No	7	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Cyanide (mg/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Cyanide (mg/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Cyanide (mg/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Cyanide (mg/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Cyanide (mg/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Cyanide (mg/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Cyanide (mg/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Cyanide (mg/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Cyanide (mg/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Lead (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-5B	0	-8	-20	No	8	62.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-8B	0	2	20	No	8	62.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-23A	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-24A	0	8	20	No	8	62.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-31B	0.0001177	4	20	No	8	0	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:46 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lead (mg/L)	MW-201A	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	MW-202A	0	2	20	No	8	62.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-203A	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-204A	0.00002245	9	20	No	8	37.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	**MW-210B**	**-0.0001597**	**-22**	**-20**	**Yes**	**8**	**12.5**	**n/a**	**n/a**	**0.02**	**NP**
Lead (mg/L)	MW-215A	-0.00003333	0	20	No	8	0	n/a	n/a	0.02	NP
Lead (mg/L)	MW-214A	0	-2	-20	No	8	50	n/a	n/a	0.02	NP
Lead (mg/L)	MW-200A	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-205A	0	-4	-20	No	8	62.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-211B	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-213A	0	0	20	No	8	62.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-39B (bg)	0	-4	-20	No	8	62.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-217A	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-218A	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	MW-408	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Lead (mg/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-34A (bg)	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-215A	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Mercury (mg/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:46 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Mercury (mg/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Mercury (mg/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Nickel (mg/L)	MW-34A (bg)	0	-6	-20	No	8	62.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-5B	0.0001717	5	20	No	8	37.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-7B1	0	-3	-20	No	8	75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-8B	0.001361	13	20	No	8	25	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-10B	0	4	20	No	8	62.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-12B	-0.0003412	-6	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-14B	-0.0002763	-2	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-17A-00	0	-5	-20	No	8	75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-23A	0	-4	-20	No	8	62.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-24A	0.0009381	4	20	No	8	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-25A-00	0	2	20	No	8	50	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-29A	-0.0004089	-2	-20	No	8	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-31B	-0.0001796	-5	-20	No	8	25	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-201A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-204A	-0.0001931	-12	-20	No	8	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-208B	-0.001537	-19	-20	No	8	37.5	n/a	n/a	0.02	NP
Nickel (mg/L)	**MW-210B**	**-0.001635**	**-22**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	MW-215A	0.00002684	3	20	No	8	37.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-214A	0	-2	-20	No	8	50	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-200A	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-205A	0	-5	-20	No	8	62.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-211B	-0.004109	-6	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-213A	-0.0001327	-3	-20	No	8	25	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-310A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-312A	0	2	20	No	8	62.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-38A (bg)	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-39B (bg)	-0.0004954	-20	-20	No	8	12.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-216A	0.0002379	6	20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-217A	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-220A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-18AR	-0.00006351	-18	-20	No	8	62.5	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-408	0.0001275	5	20	No	8	25	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-410	-0.0007189	-19	-20	No	8	25	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-10B	-0.000306	-6	-20	No	8	0	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:47 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Selenium (mg/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-23A	0.000002285	3	20	No	8	37.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-29A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-202A	0.00003666	9	20	No	8	25	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-203A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-204A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-215A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-214A	-0.00002565	-7	-20	No	8	25	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-205A	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-211B	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-310A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-38A (bg)	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-39B (bg)	-0.0003046	-16	-20	No	8	50	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-216A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-18AR	0	0	17	No	7	100	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-408	0	11	20	No	8	75	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:47 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Silver (mg/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-18AR	0	0	17	No	7	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Silver (mg/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-5B	0	2	10	No	5	80	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-8B	-0.3322	-14	-20	No	8	50	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-17A-00	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-24A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-25A-00	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-29A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-215A	0	1	8	No	4	75	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-205A	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-39B (bg)	0	0	8	No	4	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:47 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Sulfide (mg/L)	MW-218A	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Sulfide (mg/L)	MW-220A	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Sulfide (mg/L)	MW-18AR	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-25A-00	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-31B	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-312A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-38A (bg)	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-18AR	0	0	17	No	7	100	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-408	0	-5	-20	No	8	75	n/a	n/a	0.02	NP
Thallium (mg/L)	MW-410	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Tin (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-12B	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Tin (mg/L)	MW-14B	0	0	13	No	6	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:47 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tin (mg/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-204A	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Tin (mg/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-205A	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Tin (mg/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Tin (mg/L)	MW-38A (bg)	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-39B (bg)	0	1	8	No	4	75	n/a	n/a	0.02	NP
Tin (mg/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Tin (mg/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Vanadium (mg/L)	MW-34A (bg)	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-1B	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-5B	-0.000106	-8	-20	No	8	50	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-7B1	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-8B	-0.00005978	-9	-20	No	8	25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-10B	-0.000002514	-6	-20	No	8	50	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-12B	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-14B	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-17A-00	0	1	20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-23A	0.0001531	14	20	No	8	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-24A	0	9	20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-25A-00	0	-7	-20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-29A	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-31B	0.0004667	14	20	No	8	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-201A	-0.0001168	-14	-20	No	8	50	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-202A	0	-2	-20	No	8	50	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-203A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-204A	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-208B	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-210B	-0.000003302	-1	-20	No	8	25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-215A	0.0002051	5	20	No	8	12.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-214A	0	2	20	No	8	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-200A	0.0003143	3	20	No	8	25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-205A	0	-4	-20	No	8	62.5	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:47 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Vanadium (mg/L)	MW-211B	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-213A	0.0006159	7	20	No	8	25	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-310A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-312A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-38A (bg)	0.000005615	3	20	No	8	37.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-39B (bg)	-0.00007301	-9	-20	No	8	37.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-216A	0	-6	-20	No	8	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-217A	0	-9	-20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-218A	0	-5	-20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-219A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-220A	0	-9	-20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-18AR	0	9	17	No	7	71.43	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-408	-0.0005041	-6	-20	No	8	0	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-410	0	-9	-20	No	8	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-1B	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-5B	-0.006428	-19	-20	No	8	25	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-10B	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-17A-00	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-202A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-204A	0	-5	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-208B	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-215A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-200A	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-211B	-0.001508	-10	-20	No	8	62.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-312A	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-217A	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-218A	0	3	20	No	8	75	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-220A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-18AR	0	0	17	No	7	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/21/2026, 4:47 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Zinc (mg/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-410	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:21 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1,1-Trichloroethane (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-7B1	-0.02209	-6	-20	No	8	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-8B	-0.03827	-10	-20	No	8	50	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-12B	-0.00421	-6	-20	No	8	50	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-14B	0.1129	6	20	No	8	12.5	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1-Dichloroethane (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-201A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-39B (bg)	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-18AR	0.002507	1	20	No	8	25	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-8B	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dichloroethane (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dichloropropane (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
2,4,5-TP [Silvex] (ug/L)	MW-12B	-0.03791	-3	-8	No	4	75	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-29A	0	2	17	No	7	85.71	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4,5-TP [Silvex] (ug/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4,5-TP [Silvex] (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-38A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4,5-TP [Silvex] (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4,5-TP [Silvex] (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4,5-TP [Silvex] (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4,5-TP [Silvex] (ug/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4,5-TP [Silvex] (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4,5-TP [Silvex] (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
2,4-Dimethylphenol (ug/L)	MW-34A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4-Dimethylphenol (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
2,4-Dimethylphenol (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
2,4-Dimethylphenol (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4-Dimethylphenol (ug/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4-Dimethylphenol (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4-Dimethylphenol (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4-Dimethylphenol (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4-Dimethylphenol (ug/L)	MW-219A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2,4-Dimethylphenol (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2,4-Dimethylphenol (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
2-Butanone [MEK] (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
2-Butanone [MEK] (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-34A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylnaphthalene (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
2-Methylnaphthalene (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylnaphthalene (ug/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylnaphthalene (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylnaphthalene (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylnaphthalene (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylnaphthalene (ug/L)	MW-219A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylnaphthalene (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylnaphthalene (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
2-Methylphenol (ug/L)	MW-34A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylphenol (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
2-Methylphenol (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
2-Methylphenol (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylphenol (ug/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylphenol (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylphenol (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylphenol (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylphenol (ug/L)	MW-219A	0	0	10	No	5	100	n/a	n/a	0.02	NP
2-Methylphenol (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
2-Methylphenol (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-34A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-7B1	0	0	13	No	6	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-8B	0	-7	-17	No	7	71.43	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-208B	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-205A	0	1	8	No	4	75	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-211B	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDD (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDD (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
4,4`-DDD (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4,4`-DDT (ug/L)	MW-34A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDT (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-7B1	0	0	13	No	6	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-8B	0	0	17	No	7	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4,4`-DDT (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDT (ug/L)	MW-205A	0	1	8	No	4	75	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDT (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
4,4`-DDT (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDT (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDT (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDT (ug/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDT (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
4,4`-DDT (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-38A (bg)	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone [MIBK] (ug/L)	MW-410	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-5B	0	0	20	No	8	62.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-7B1	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-8B	-0.02982	-12	-20	No	8	50	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-12B	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-14B	0	5	20	No	8	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-17A-00	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-208B	0	5	20	No	8	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-214A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-205A	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-211B	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-213A	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Acetone (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-8B	-0.003161	-10	-20	No	8	50	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-201A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-208B	-0.03061	-12	-20	No	8	12.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-200A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-205A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-312A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-39B (bg)	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-34A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Benzyl alcohol (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-5B	0	0	10	No	5	80	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Benzyl alcohol (ug/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Benzyl alcohol (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Benzyl alcohol (ug/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Benzyl alcohol (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Benzyl alcohol (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Benzyl alcohol (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Benzyl alcohol (ug/L)	MW-219A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Benzyl alcohol (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Benzyl alcohol (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-34A (bg)	0	0	17	No	7	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-7B1	0	0	13	No	6	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-8B	0	0	17	No	7	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-12B	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-204A	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-208B	0.003151	5	8	No	4	50	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beta-BHC (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-205A	0	1	8	No	4	75	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Beta-BHC (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Beta-BHC (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-34A (bg)	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-219A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Bis[2-chloroethoxy]methane (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-34A (bg)	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-5B	0	0	10	No	5	80	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-7B1	0	0	10	No	5	80	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-8B	0	0	10	No	5	80	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-12B	0	1	20	No	8	75	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Bis[2-ethylhexyl]phthalate (ug/L)	MW-14B	0	0	10	No	5	80	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-17A-00	0	0	10	No	5	80	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-23A	0	0	10	No	5	80	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-24A	0	0	10	No	5	80	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-25A-00	0	0	10	No	5	80	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-31B	0	12	20	No	8	75	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-201A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-202A	0	1	8	No	4	75	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-203A	0	1	8	No	4	75	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-204A	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-208B	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-210B	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-215A	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-214A	0	11	20	No	8	75	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-200A	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-205A	0	1	8	No	4	75	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-211B	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-213A	0	1	8	No	4	75	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-219A	0	0	10	No	5	80	n/a	n/a	0.02	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Bis[2-ethylhexyl]phthalate (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Carbon Disulfide (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Carbon Disulfide (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Disulfide (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-1B	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-25A-00	0	7	20	No	8	87.5	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Carbon Tetrachloride (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-8B	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloroethane (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-204A	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloromethane (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-201A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-208B	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-205A	0	3	20	No	8	87.5	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
cis-1,2-Dichloroethene (ug/L)	MW-18AR	-0.03039	-3	-20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-34A (bg)	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-1B	0	-2	-10	No	5	80	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-7B1	0	0	13	No	6	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-8B	0	0	17	No	7	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-17A-00	0	-2	-10	No	5	80	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-31B	0	-2	-10	No	5	80	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-204A	0	1	8	No	4	75	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-208B	0.002202	3	8	No	4	50	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-205A	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-38A (bg)	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Delta-BHC (ug/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Delta-BHC (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-8B	0	0	10	No	5	80	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-17A-00	-0.1772	-5	-10	No	5	40	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Dichlorodifluoromethane (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-208B	0	-1	-8	No	4	75	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-200A	-0.2444	-18	-20	No	8	12.5	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-205A	0	1	8	No	4	75	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Dichlorodifluoromethane (ug/L)	MW-38A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Dichlorodifluoromethane (ug/L)	MW-18AR	-0.4305	-5	-20	No	8	0	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-34A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-7B1	0	0	13	No	6	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-8B	0	0	17	No	7	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endrin (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-14B	0	0	10	No	5	80	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-208B	0	13	20	No	8	75	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin (ug/L)	MW-205A	0	1	8	No	4	75	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-211B	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endrin (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin (ug/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Endrin (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endrin aldehyde (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-7B1	0	0	13	No	6	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-8B	0	-2	-17	No	7	85.71	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Endrin aldehyde (ug/L)	MW-12B	-0.0009075	-3	-8	No	4	75	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-208B	0.000636	3	8	No	4	75	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin aldehyde (ug/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-211B	0	NaN	NaN	No	3	66.67	n/a	n/a	NaN	NP
Endrin aldehyde (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-38A (bg)	0	0	8	No	4	100	n/a	n/a	0.02	NP
Endrin aldehyde (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin aldehyde (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin aldehyde (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin aldehyde (ug/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin aldehyde (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Endrin aldehyde (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Ethylbenzene (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Ethylbenzene (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-5B	0	0	10	No	5	80	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-7B1	0	0	13	No	6	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-8B	0	0	17	No	7	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-14B	0	0	10	No	5	80	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-17A-00	0	0	10	No	5	80	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-208B	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-205A	0	1	8	No	4	75	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Heptachlor (ug/L)	MW-38A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP

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Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Heptachlor (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Heptachlor (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Isobutanol (mg/L)	MW-34A (bg)	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Isobutanol (mg/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Isobutanol (mg/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Isobutanol (mg/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Isobutanol (mg/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Isobutanol (mg/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Isobutanol (mg/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Isobutanol (mg/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Isobutanol (mg/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Isobutanol (mg/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Isobutanol (mg/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-34A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-1B	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-5B	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-7B1	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-8B	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-14B	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-17A-00	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-23A	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-24A	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-25A-00	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-29A	0	0	8	No	4	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-31B	0	0	8	No	4	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
m/p-Cresol (ug/L)	MW-201A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-202A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-203A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-204A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-208B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-210B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-215A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-214A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-205A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-213A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-219A	0	0	10	No	5	100	n/a	n/a	0.02	NP
m/p-Cresol (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
m/p-Cresol (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
O-Toluidine (ug/L)	MW-34A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
O-Toluidine (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
O-Toluidine (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-204A	0	1	8	No	4	75	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
O-Toluidine (ug/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
O-Toluidine (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
O-Toluidine (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
O-Toluidine (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
O-Toluidine (ug/L)	MW-219A	0	0	10	No	5	100	n/a	n/a	0.02	NP
O-Toluidine (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
O-Toluidine (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Phenol (ug/L)	MW-34A (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Phenol (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-7B1	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-8B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Phenol (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Phenol (ug/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Phenol (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Phenol (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Phenol (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Phenol (ug/L)	MW-219A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Phenol (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Phenol (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Tetrachloroethene (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP

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Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tetrachloroethene (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-18AR	0.1292	8	20	No	8	0	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-5B	0	5	20	No	8	75	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-205A	0	1	20	No	8	87.5	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Toluene (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-34A (bg)	0	0	17	No	7	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-1B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-5B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-10B	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Toxaphene (ug/L)	MW-12B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-14B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-17A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-23A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-24A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-25A-00	0	0	10	No	5	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-29A	0	0	10	No	5	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-31B	0	0	10	No	5	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-203A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-208B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-210B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-215A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-214A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-200A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Toxaphene (ug/L)	MW-205A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-211B	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Toxaphene (ug/L)	MW-213A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Toxaphene (ug/L)	MW-39B (bg)	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
Toxaphene (ug/L)	MW-216A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Toxaphene (ug/L)	MW-217A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Toxaphene (ug/L)	MW-218A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Toxaphene (ug/L)	MW-219A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Toxaphene (ug/L)	MW-220A	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Toxaphene (ug/L)	MW-18AR	0	NaN	NaN	No	2	100	n/a	n/a	NaN	NP
trans-1,2-Dichloroethene (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
trans-1,2-Dichloroethene (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Trichloroethene (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-205A	0	5	20	No	8	87.5	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-18AR	-0.1348	-9	-20	No	8	0	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-17A-00	0	-3	-20	No	8	50	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Trichlorofluoromethane (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-18AR	-0.2047	-4	-20	No	8	0	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-7B1	0	-2	-20	No	8	50	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-34A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-1B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-5B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-7B1	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-8B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-10B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-12B	0	0	20	No	8	100	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/8/2026, 11:22 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Xylenes, Total (ug/L)	MW-14B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-17A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-23A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-24A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-25A-00	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-29A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-31B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-201A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-202A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-203A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-204A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-208B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-210B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-215A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-214A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-200A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-205A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-211B	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-213A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-310A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-312A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-38A (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-39B (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-216A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-217A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-218A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-219A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-220A	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-18AR	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-408	0	0	20	No	8	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-410	0	0	20	No	8	100	n/a	n/a	0.02	NP

Groundwater Monitoring Wells –

Prediction Limits

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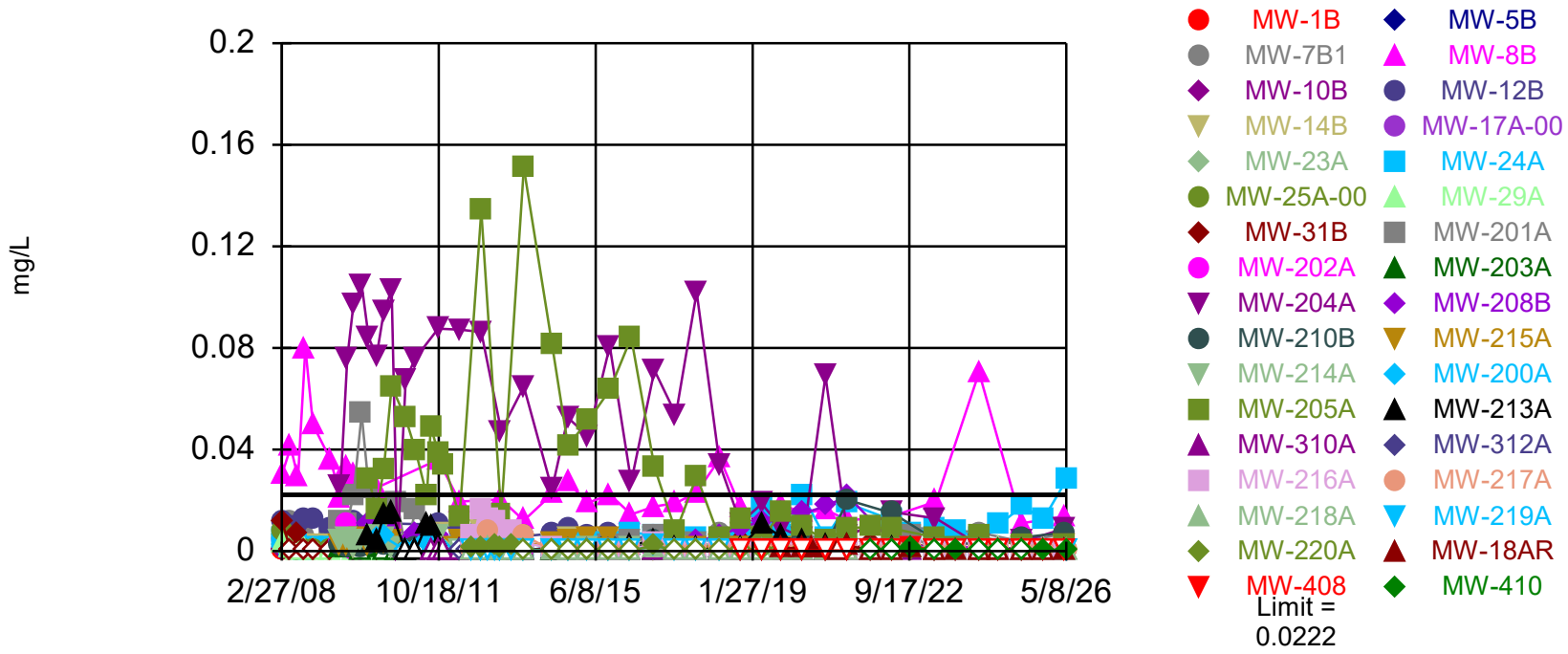
Hollow symbols indicate censored values.

Exceeds Limit: MW-24A

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 93 background values. 68.82% NDs. Annual per-constituent alpha = 0.01799. Individual comparison alpha = 0.000216 (1 of 2). Comparing 34 points to limit. Assumes 8 future values.

Constituent: Arsenic Analysis Run 7/27/2026 10:15 AM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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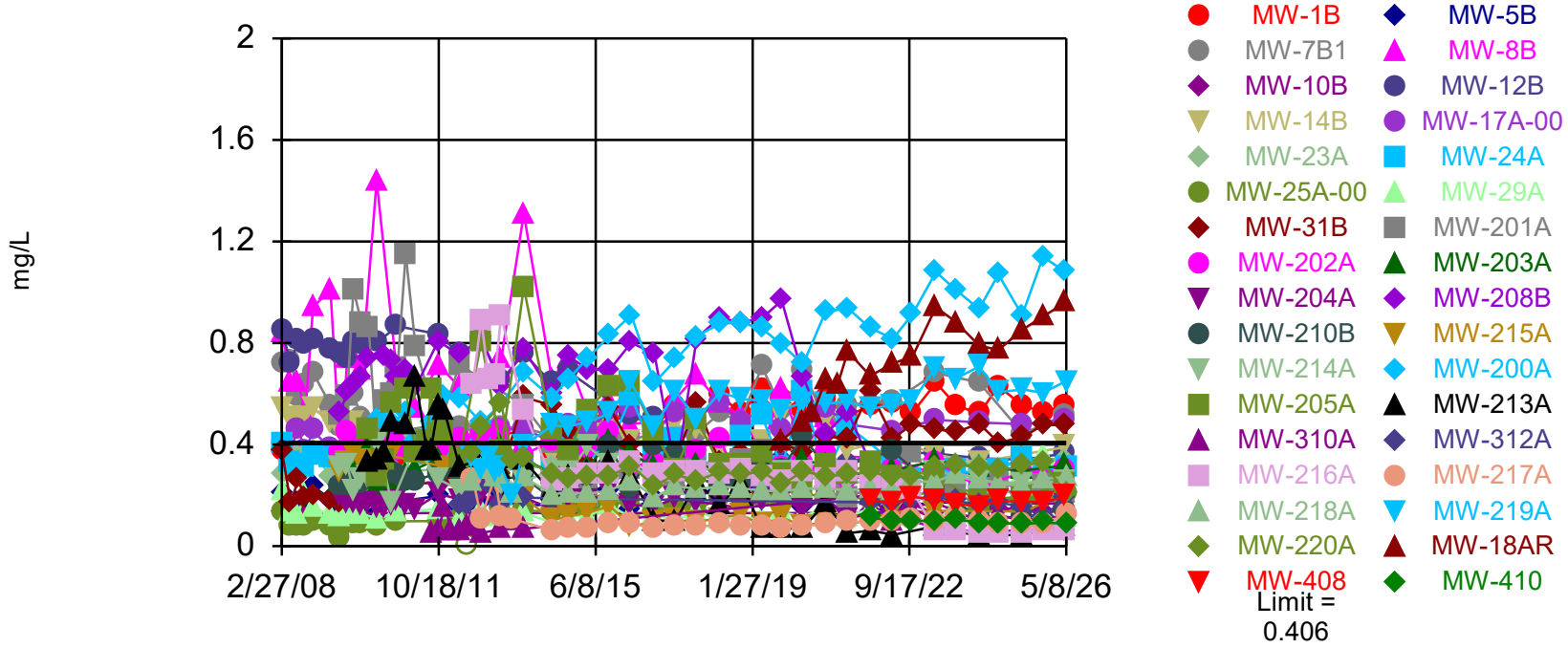
Exceeds Limit: MW-1B, MW-7B1, MW-17A-00, MW-31B, MW-200A, MW-219A, MW-18AR

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 92 background values. Annual per-constituent alpha = 0.01833. Individual comparison alpha = 0.0002202 (1 of 2). Comparing 34 points to limit. Assumes 8 future values.

Constituent: Barium Analysis Run 7/27/2026 10:15 AM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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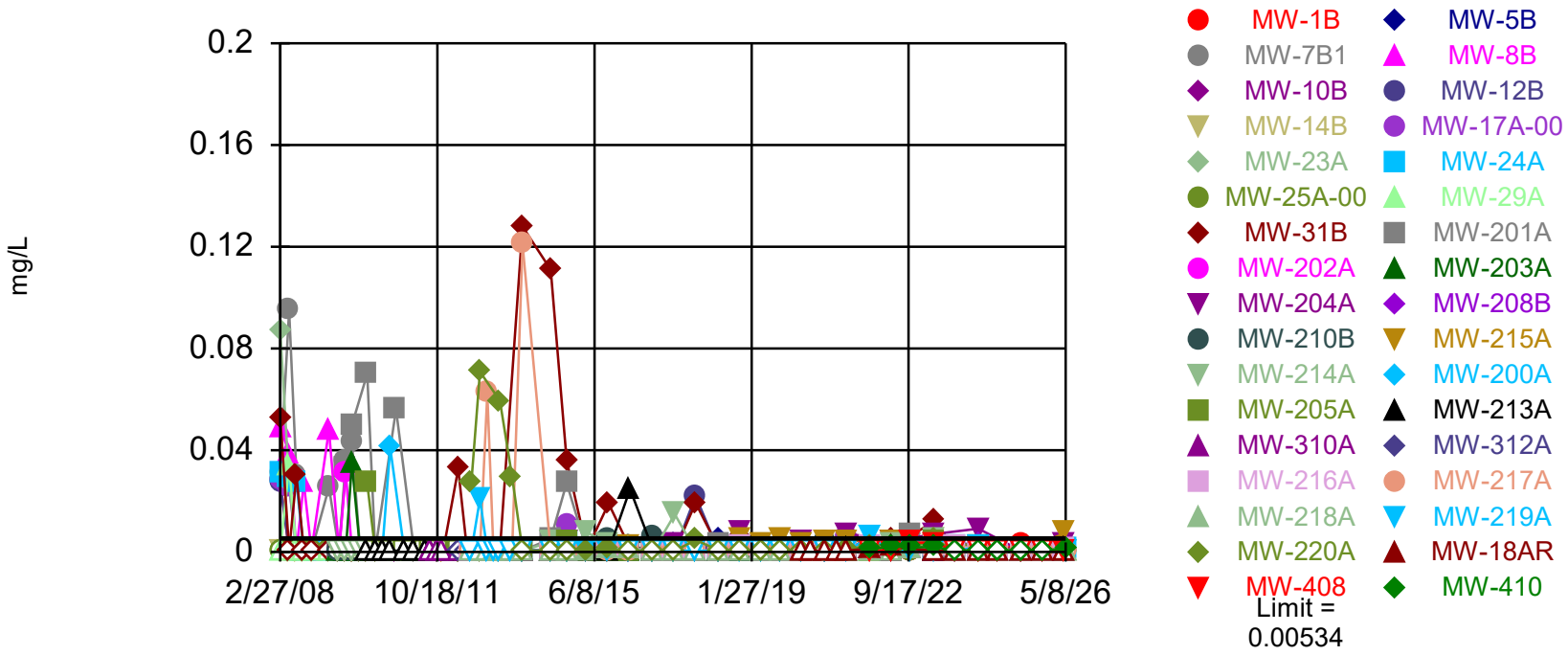
Hollow symbols indicate censored values.

Exceeds Limit: MW-215A

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 87 background values. 82.76% NDs. Annual per-constituent alpha = 0.02041. Individual comparison alpha = 0.0002454 (1 of 2). Comparing 34 points to limit. Assumes 8 future values.

Constituent: Copper Analysis Run 7/27/2026 10:16 AM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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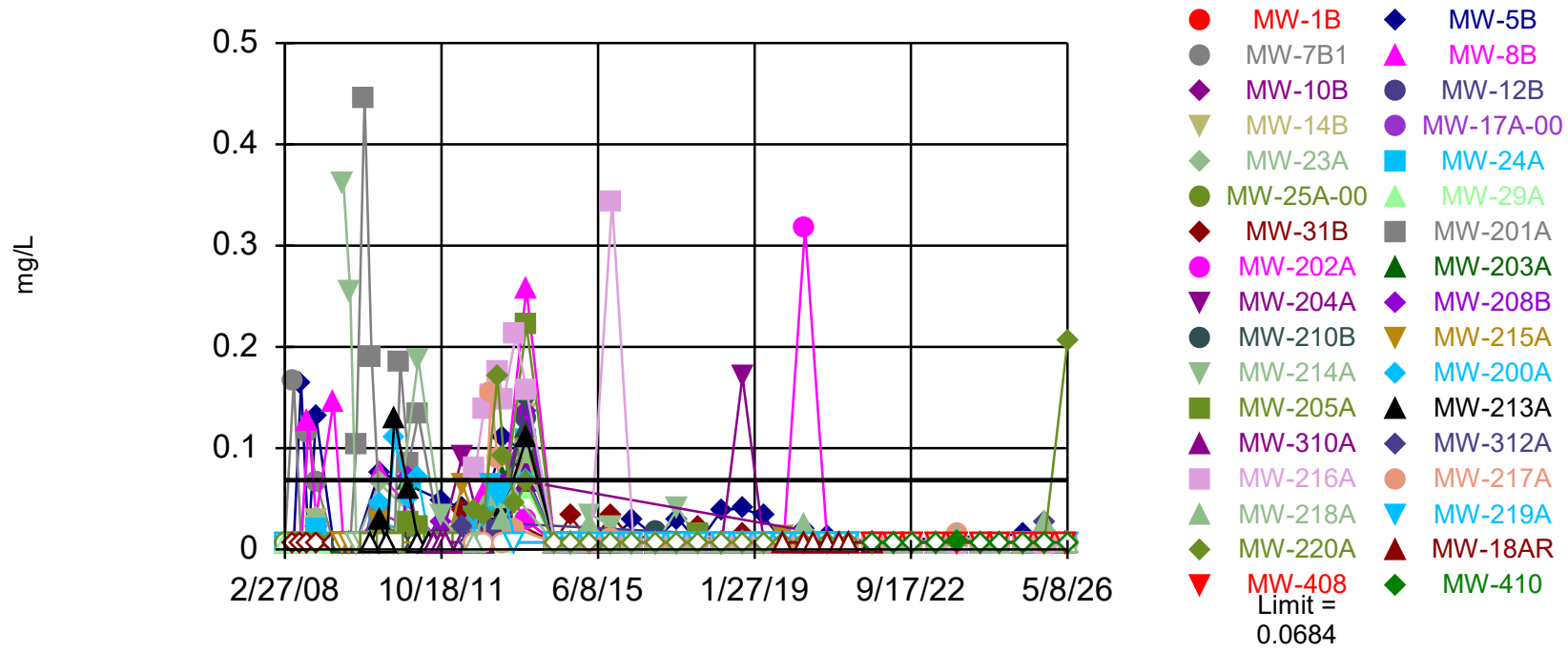
Hollow symbols indicate censored values.

Exceeds Limit: MW-220A

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 91 background values. 90.11% NDs. Annual per-constituent alpha = 0.01867. Individual comparison alpha = 0.0002243 (1 of 2). Comparing 34 points to limit. Assumes 8 future values.

Constituent: Zinc Analysis Run 7/27/2026 10:16 AM View: 05A_MW_Inorganics_PL

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Antimony (mg/L)	MW-1B	0.000933	n/a	5/4/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-5B	0.000933	n/a	5/6/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-7B1	0.000933	n/a	5/6/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-8B	0.000933	n/a	4/25/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-10B	0.000933	n/a	5/4/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-12B	0.000933	n/a	5/2/2022	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-14B	0.000933	n/a	4/23/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-17A-00	0.000933	n/a	4/23/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-23A	0.000933	n/a	5/8/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-24A	0.000933	n/a	5/7/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-25A-00	0.000933	n/a	5/8/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-29A	0.000933	n/a	5/5/2025	0.00105J	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-31B	0.000933	n/a	5/6/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-201A	0.000933	n/a	5/6/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-202A	0.000933	n/a	4/23/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-203A	0.000933	n/a	5/6/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-204A	0.000933	n/a	4/24/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-208B	0.000933	n/a	4/25/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-210B	0.000933	n/a	5/5/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-215A	0.000933	n/a	5/7/2025	0.00141J	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-214A	0.000933	n/a	4/23/2025	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-200A	0.000933	n/a	10/20/2021	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-205A	0.000933	n/a	5/4/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-213A	0.000933	n/a	5/6/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-310A	0.000933	n/a	5/4/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-312A	0.000933	n/a	5/4/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-216A	0.000933	n/a	5/6/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-217A	0.000933	n/a	5/8/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-218A	0.000933	n/a	5/8/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-219A	0.000933	n/a	5/8/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-220A	0.000933	n/a	5/8/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-18AR	0.000933	n/a	10/20/2021	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-408	0.000933	n/a	5/5/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Antimony (mg/L)	MW-410	0.000933	n/a	5/8/2026	0.000933ND	No	88	MW-39B,MW-34A,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-1B	0.0222	n/a	5/4/2026	0.00327	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-5B	0.0222	n/a	5/5/2026	0.000585J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-7B1	0.0222	n/a	5/5/2026	0.00718	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-8B	0.0222	n/a	5/5/2026	0.0138	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-10B	0.0222	n/a	5/4/2026	0.000267J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-12B	0.0222	n/a	5/4/2026	0.000741J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-14B	0.0222	n/a	5/5/2026	0.00144	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-17A-00	0.0222	n/a	5/6/2026	0.000232ND	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-23A	0.0222	n/a	5/6/2026	0.00033J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	**MW-24A**	**0.0222**	**n/a**	**5/8/2026**	**0.028**	**Yes**	**93**	**MW-38A,MW-39B,MW-34A**	**n/a**	**n/a**	**68.82**	**n/a**	**n/a**	**0.000216**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	MW-25A-00	0.0222	n/a	5/8/2026	0.000296J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-29A	0.0222	n/a	5/5/2026	0.00042J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-31B	0.0222	n/a	5/6/2026	0.00196	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-201A	0.0222	n/a	5/5/2026	0.000283J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-202A	0.0222	n/a	5/6/2026	0.000365J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-203A	0.0222	n/a	5/5/2026	0.000232ND	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Arsenic (mg/L)	MW-204A	0.0222	n/a	5/5/2026	0.00903	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-208B	0.0222	n/a	5/5/2026	0.00289	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-210B	0.0222	n/a	5/5/2026	0.00738	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-215A	0.0222	n/a	5/6/2026	0.00269	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-214A	0.0222	n/a	5/6/2026	0.000265J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-200A	0.0222	n/a	5/4/2026	0.000232ND	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-205A	0.0222	n/a	5/4/2026	0.00234	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-213A	0.0222	n/a	5/6/2026	0.000897J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-310A	0.0222	n/a	5/4/2026	0.000232ND	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-312A	0.0222	n/a	5/4/2026	0.000232ND	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-216A	0.0222	n/a	5/6/2026	0.000254J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-217A	0.0222	n/a	5/8/2026	0.000232ND	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-218A	0.0222	n/a	5/8/2026	0.000232ND	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-219A	0.0222	n/a	5/8/2026	0.000232ND	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-220A	0.0222	n/a	5/8/2026	0.000247J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-18AR	0.0222	n/a	5/5/2026	0.000284J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-408	0.0222	n/a	5/5/2026	0.000232ND	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	MW-410	0.0222	n/a	5/8/2026	0.000499J	No	93	MW-38A,MW-39B,MW-34A	n/a	n/a	68.82	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Barium (mg/L)	**MW-1B**	**0.406**	**n/a**	**5/4/2026**	**0.555**	**Yes**	**92**	**MW-34A,MW-39B,MW-38A**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002202**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	MW-5B	0.406	n/a	5/5/2026	0.17	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	**MW-7B1**	**0.406**	**n/a**	**5/5/2026**	**0.517**	**Yes**	**92**	**MW-34A,MW-39B,MW-38A**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002202**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	MW-8B	0.406	n/a	5/5/2026	0.26	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-10B	0.406	n/a	5/4/2026	0.15	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-12B	0.406	n/a	5/4/2026	0.366	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-14B	0.406	n/a	5/5/2026	0.391	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	**MW-17A-00**	**0.406**	**n/a**	**5/6/2026**	**0.498**	**Yes**	**92**	**MW-34A,MW-39B,MW-38A**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002202**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	MW-23A	0.406	n/a	5/6/2026	0.344	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-24A	0.406	n/a	5/8/2026	0.308	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-25A-00	0.406	n/a	5/8/2026	0.207	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-29A	0.406	n/a	5/5/2026	0.258	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	**MW-31B**	**0.406**	**n/a**	**5/6/2026**	**0.478**	**Yes**	**92**	**MW-34A,MW-39B,MW-38A**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002202**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	MW-201A	0.406	n/a	5/5/2026	0.211	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-202A	0.406	n/a	5/6/2026	0.3	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-203A	0.406	n/a	5/5/2026	0.319	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-204A	0.406	n/a	5/5/2026	0.168	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-208B	0.406	n/a	5/5/2026	0.0631	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-210B	0.406	n/a	5/5/2026	0.146	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-215A	0.406	n/a	5/6/2026	0.206	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-214A	0.406	n/a	5/6/2026	0.254	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	**MW-200A**	**0.406**	**n/a**	**5/4/2026**	**1.08**	**Yes**	**92**	**MW-34A,MW-39B,MW-38A**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002202**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	MW-205A	0.406	n/a	5/4/2026	0.245	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-213A	0.406	n/a	5/6/2026	0.0813	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-310A	0.406	n/a	5/4/2026	0.112	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-312A	0.406	n/a	5/4/2026	0.19	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-216A	0.406	n/a	5/6/2026	0.0572	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-217A	0.406	n/a	5/8/2026	0.122	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-218A	0.406	n/a	5/8/2026	0.271	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	**MW-219A**	**0.406**	**n/a**	**5/8/2026**	**0.651**	**Yes**	**92**	**MW-34A,MW-39B,MW-38A**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002202**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	MW-220A	0.406	n/a	5/8/2026	0.206	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	**MW-18AR**	**0.406**	**n/a**	**5/5/2026**	**0.96**	**Yes**	**92**	**MW-34A,MW-39B,MW-38A**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002202**	**NP Inter (normality) 1 of 2**

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Barium (mg/L)	MW-408	0.406	n/a	5/5/2026	0.196	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Barium (mg/L)	MW-410	0.406	n/a	5/8/2026	0.0873	No	92	MW-34A,MW-39B,MW-38A	n/a	n/a	0	n/a	n/a	0.0002202	NP Inter (normality) 1 of 2
Beryllium (m...	MW-1B	0.00107	n/a	5/4/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-5B	0.00107	n/a	5/6/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-7B1	0.00107	n/a	5/6/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-8B	0.00107	n/a	4/25/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-10B	0.00107	n/a	5/4/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-12B	0.00107	n/a	5/2/2022	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-14B	0.00107	n/a	4/23/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-17A-00	0.00107	n/a	4/23/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-23A	0.00107	n/a	5/8/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-24A	0.00107	n/a	5/7/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-25A-00	0.00107	n/a	5/8/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-29A	0.00107	n/a	5/5/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-31B	0.00107	n/a	5/6/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-201A	0.00107	n/a	5/6/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-202A	0.00107	n/a	4/23/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-203A	0.00107	n/a	5/6/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-204A	0.00107	n/a	4/24/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-208B	0.00107	n/a	4/25/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-210B	0.00107	n/a	5/5/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-215A	0.00107	n/a	5/7/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-214A	0.00107	n/a	4/23/2025	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-200A	0.00107	n/a	10/20/2021	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-205A	0.00107	n/a	5/4/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-213A	0.00107	n/a	5/6/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-310A	0.00107	n/a	5/4/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-312A	0.00107	n/a	5/4/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-216A	0.00107	n/a	5/6/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-217A	0.00107	n/a	5/8/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-218A	0.00107	n/a	5/8/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-219A	0.00107	n/a	5/8/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-220A	0.00107	n/a	5/8/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-18AR	0.00107	n/a	10/20/2021	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-408	0.00107	n/a	5/5/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Beryllium (m...	MW-410	0.00107	n/a	5/8/2026	0.000236ND	No	94	MW-38A,MW-34A,MW-39B	n/a	n/a	96.81	n/a	n/a	0.0002119	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-1B	0.00173	n/a	5/4/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-5B	0.00173	n/a	5/6/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-7B1	0.00173	n/a	5/6/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-8B	0.00173	n/a	4/25/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-10B	0.00173	n/a	5/4/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-12B	0.00173	n/a	5/2/2022	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-14B	0.00173	n/a	4/23/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-17A-00	0.00173	n/a	4/23/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-23A	0.00173	n/a	5/8/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-24A	0.00173	n/a	5/7/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-25A-00	0.00173	n/a	5/8/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-29A	0.00173	n/a	5/5/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-31B	0.00173	n/a	5/6/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-201A	0.00173	n/a	5/6/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Cadmium (mg/L)	MW-202A	0.00173	n/a	4/23/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-203A	0.00173	n/a	5/6/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-204A	0.00173	n/a	4/24/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-208B	0.00173	n/a	4/25/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-210B	0.00173	n/a	5/5/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-215A	0.00173	n/a	5/7/2025	0.000101J	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-214A	0.00173	n/a	4/23/2025	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-200A	0.00173	n/a	10/20/2021	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-205A	0.00173	n/a	5/4/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-213A	0.00173	n/a	5/6/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-310A	0.00173	n/a	5/4/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-312A	0.00173	n/a	5/4/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-216A	0.00173	n/a	5/6/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-217A	0.00173	n/a	5/8/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-218A	0.00173	n/a	5/8/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-219A	0.00173	n/a	5/8/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-220A	0.00173	n/a	5/8/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-18AR	0.00173	n/a	10/20/2021	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-408	0.00173	n/a	5/5/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Cadmium (mg/L)	MW-410	0.00173	n/a	5/8/2026	0.000167ND	No	89	MW-39B,MW-34A,MW-38A	n/a	n/a	85.39	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-1B	0.0477	n/a	5/4/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-5B	0.0477	n/a	5/6/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-7B1	0.0477	n/a	5/6/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-8B	0.0477	n/a	4/25/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-10B	0.0477	n/a	5/4/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-12B	0.0477	n/a	5/2/2022	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-14B	0.0477	n/a	4/23/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-17A-00	0.0477	n/a	4/23/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-23A	0.0477	n/a	5/8/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-24A	0.0477	n/a	5/7/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-25A-00	0.0477	n/a	5/8/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-29A	0.0477	n/a	5/5/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-31B	0.0477	n/a	5/6/2026	0.00412J	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-201A	0.0477	n/a	5/6/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-202A	0.0477	n/a	4/23/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-203A	0.0477	n/a	5/6/2025	0.00307J	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-204A	0.0477	n/a	4/24/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-208B	0.0477	n/a	4/25/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-210B	0.0477	n/a	5/5/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-215A	0.0477	n/a	5/7/2025	0.00222J	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-214A	0.0477	n/a	4/23/2025	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-200A	0.0477	n/a	10/20/2021	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-205A	0.0477	n/a	5/4/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-213A	0.0477	n/a	5/6/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-310A	0.0477	n/a	5/4/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-312A	0.0477	n/a	5/4/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-216A	0.0477	n/a	5/6/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-217A	0.0477	n/a	5/8/2026	0.00128J	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-218A	0.0477	n/a	5/8/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-219A	0.0477	n/a	5/8/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Chromium (mg/L)	MW-220A	0.0477	n/a	5/8/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-18AR	0.0477	n/a	10/20/2021	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-408	0.0477	n/a	5/5/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Chromium (mg/L)	MW-410	0.0477	n/a	5/8/2026	0.00114ND	No	85	MW-34A,MW-38A,MW-39B	n/a	n/a	71.76	n/a	n/a	0.0002567	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-1B	0.00939	n/a	5/4/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-5B	0.00939	n/a	5/5/2026	0.000721J	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-7B1	0.00939	n/a	5/5/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-8B	0.00939	n/a	5/5/2026	0.00873	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-10B	0.00939	n/a	5/4/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-12B	0.00939	n/a	5/4/2026	0.000767J	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-14B	0.00939	n/a	5/5/2026	0.00496	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-17A-00	0.00939	n/a	5/6/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-23A	0.00939	n/a	5/6/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-24A	0.00939	n/a	5/8/2026	0.0091	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-25A-00	0.00939	n/a	5/8/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-29A	0.00939	n/a	5/5/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-31B	0.00939	n/a	5/6/2026	0.00109	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-201A	0.00939	n/a	5/5/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-202A	0.00939	n/a	5/6/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-203A	0.00939	n/a	5/5/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-204A	0.00939	n/a	5/5/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-208B	0.00939	n/a	5/5/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-210B	0.00939	n/a	5/5/2026	0.0024	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-215A	0.00939	n/a	5/6/2026	0.00238	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-214A	0.00939	n/a	5/6/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-200A	0.00939	n/a	5/4/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-205A	0.00939	n/a	5/4/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-213A	0.00939	n/a	5/6/2026	0.00586	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-310A	0.00939	n/a	5/4/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-312A	0.00939	n/a	5/4/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-216A	0.00939	n/a	5/6/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-217A	0.00939	n/a	5/8/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-218A	0.00939	n/a	5/8/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-219A	0.00939	n/a	5/8/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-220A	0.00939	n/a	5/8/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-18AR	0.00939	n/a	5/5/2026	0.000402ND	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-408	0.00939	n/a	5/5/2026	0.000579J	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Cobalt (mg/L)	MW-410	0.00939	n/a	5/8/2026	0.000886J	No	95	MW-34A,MW-38A,MW-39B	n/a	n/a	58.95	n/a	n/a	0.0002078	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-1B	0.00534	n/a	5/4/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-5B	0.00534	n/a	5/5/2026	0.00245	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-7B1	0.00534	n/a	5/5/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-8B	0.00534	n/a	5/5/2026	0.000756J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-10B	0.00534	n/a	5/4/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-12B	0.00534	n/a	5/4/2026	0.000704J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-14B	0.00534	n/a	5/5/2026	0.00182J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-17A-00	0.00534	n/a	5/6/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-23A	0.00534	n/a	5/6/2026	0.00103J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-24A	0.00534	n/a	5/8/2026	0.00144J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-25A-00	0.00534	n/a	5/8/2026	0.000617J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-29A	0.00534	n/a	5/5/2026	0.00161J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Copper (mg/L)	MW-31B	0.00534	n/a	5/6/2026	0.00277	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-201A	0.00534	n/a	5/5/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-202A	0.00534	n/a	5/6/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-203A	0.00534	n/a	5/5/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-204A	0.00534	n/a	5/5/2026	0.00316	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-208B	0.00534	n/a	5/5/2026	0.00325	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-210B	0.00534	n/a	5/5/2026	0.000781J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	**MW-215A**	**0.00534**	**n/a**	**5/6/2026**	**0.00754**	**Yes**	**87**	**MW-34A,MW-38A,MW-39B**	**n/a**	**n/a**	**82.76**	**n/a**	**n/a**	**0.0002454**	**NP Inter (NDs) 1 of 2**
Copper (mg/L)	MW-214A	0.00534	n/a	5/6/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-200A	0.00534	n/a	5/4/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-205A	0.00534	n/a	5/4/2026	0.000735J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-213A	0.00534	n/a	5/6/2026	0.0013J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-310A	0.00534	n/a	5/4/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-312A	0.00534	n/a	5/4/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-216A	0.00534	n/a	5/6/2026	0.00137J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-217A	0.00534	n/a	5/8/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-218A	0.00534	n/a	5/8/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-219A	0.00534	n/a	5/8/2026	0.000715J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-220A	0.00534	n/a	5/8/2026	0.0014J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-18AR	0.00534	n/a	5/5/2026	0.000497ND	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-408	0.00534	n/a	5/5/2026	0.000705J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Copper (mg/L)	MW-410	0.00534	n/a	5/8/2026	0.00144J	No	87	MW-34A,MW-38A,MW-39B	n/a	n/a	82.76	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-1B	0.01	n/a	5/6/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-5B	0.01	n/a	5/6/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-7B1	0.01	n/a	5/6/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-8B	0.01	n/a	4/25/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-10B	0.01	n/a	10/21/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-12B	0.01	n/a	5/2/2022	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-14B	0.01	n/a	4/23/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-17A-00	0.01	n/a	4/23/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-23A	0.01	n/a	5/8/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-24A	0.01	n/a	5/7/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-25A-00	0.01	n/a	5/8/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-29A	0.01	n/a	5/5/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-31B	0.01	n/a	5/7/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-201A	0.01	n/a	5/6/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-202A	0.01	n/a	4/23/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-203A	0.01	n/a	5/6/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-204A	0.01	n/a	4/24/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-208B	0.01	n/a	4/25/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-210B	0.01	n/a	5/5/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-215A	0.01	n/a	5/7/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-214A	0.01	n/a	4/23/2025	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-200A	0.01	n/a	10/20/2021	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-205A	0.01	n/a	5/4/2026	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-213A	0.01	n/a	5/6/2026	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-310A	0.01	n/a	3/30/2013	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-312A	0.01	n/a	3/30/2013	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-216A	0.01	n/a	5/1/2023	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-217A	0.01	n/a	5/1/2023	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Cyanide (mg/L)	MW-218A	0.01	n/a	5/1/2023	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-219A	0.01	n/a	5/1/2023	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-220A	0.01	n/a	5/1/2023	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Cyanide (mg/L)	MW-18AR	0.01	n/a	10/20/2021	0.01ND	No	7	MW-34A	n/a	n/a	100	n/a	n/a	0.008819	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-1B	0.0128	n/a	5/4/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-5B	0.0128	n/a	5/5/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-7B1	0.0128	n/a	5/5/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-8B	0.0128	n/a	5/5/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-10B	0.0128	n/a	5/4/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-12B	0.0128	n/a	5/4/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-14B	0.0128	n/a	5/5/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-17A-00	0.0128	n/a	5/6/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-23A	0.0128	n/a	5/6/2026	0.00022J	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-24A	0.0128	n/a	5/8/2026	0.00058	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-25A-00	0.0128	n/a	5/8/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-29A	0.0128	n/a	5/5/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-31B	0.0128	n/a	5/6/2026	0.00177	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-201A	0.0128	n/a	5/5/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-202A	0.0128	n/a	5/6/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-203A	0.0128	n/a	5/5/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-204A	0.0128	n/a	5/5/2026	0.000521	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-208B	0.0128	n/a	5/5/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-210B	0.0128	n/a	5/5/2026	0.000328J	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-215A	0.0128	n/a	5/6/2026	0.00368	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-214A	0.0128	n/a	5/6/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-200A	0.0128	n/a	5/4/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-205A	0.0128	n/a	5/4/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-213A	0.0128	n/a	5/6/2026	0.000189J	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-310A	0.0128	n/a	5/4/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-312A	0.0128	n/a	5/4/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-216A	0.0128	n/a	5/6/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-217A	0.0128	n/a	5/8/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-218A	0.0128	n/a	5/8/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-219A	0.0128	n/a	5/8/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-220A	0.0128	n/a	5/8/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-18AR	0.0128	n/a	5/5/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-408	0.0128	n/a	5/5/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Lead (mg/L)	MW-410	0.0128	n/a	5/8/2026	0.000186ND	No	93	MW-34A,MW-38A,MW-39B	n/a	n/a	84.95	n/a	n/a	0.000216	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-1B	0.105	n/a	5/4/2026	0.000625ND	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-5B	0.105	n/a	5/5/2026	0.00198J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-7B1	0.105	n/a	5/5/2026	0.000894J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-8B	0.105	n/a	5/5/2026	0.0131	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-10B	0.105	n/a	5/4/2026	0.000986J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-12B	0.105	n/a	5/4/2026	0.00555	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-14B	0.105	n/a	5/5/2026	0.0101	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-17A-00	0.105	n/a	5/6/2026	0.000843J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-23A	0.105	n/a	5/6/2026	0.00189J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-24A	0.105	n/a	5/8/2026	0.0123	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-25A-00	0.105	n/a	5/8/2026	0.00177J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-29A	0.105	n/a	5/5/2026	0.00249	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Nickel (mg/L)	MW-31B	0.105	n/a	5/6/2026	0.00297	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-201A	0.105	n/a	5/5/2026	0.000625ND	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-202A	0.105	n/a	5/6/2026	0.000625ND	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-203A	0.105	n/a	5/5/2026	0.000625ND	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-204A	0.105	n/a	5/5/2026	0.00224	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-208B	0.105	n/a	5/5/2026	0.000936J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-210B	0.105	n/a	5/5/2026	0.00979	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-215A	0.105	n/a	5/6/2026	0.00756	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-214A	0.105	n/a	5/6/2026	0.00137J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-200A	0.105	n/a	5/4/2026	0.000902J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-205A	0.105	n/a	5/4/2026	0.00144J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-213A	0.105	n/a	5/6/2026	0.00283	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-310A	0.105	n/a	5/4/2026	0.000625ND	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-312A	0.105	n/a	5/4/2026	0.000625ND	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-216A	0.105	n/a	5/6/2026	0.00434	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-217A	0.105	n/a	5/8/2026	0.000955J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-218A	0.105	n/a	5/8/2026	0.000625ND	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-219A	0.105	n/a	5/8/2026	0.000625ND	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-220A	0.105	n/a	5/8/2026	0.00253	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-18AR	0.105	n/a	5/5/2026	0.00138J	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-408	0.105	n/a	5/5/2026	0.00253	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Nickel (mg/L)	MW-410	0.105	n/a	5/8/2026	0.0021	No	92	MW-38A,MW-34A,MW-39B	n/a	n/a	65.22	n/a	n/a	0.0002202	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-1B	0.00409	n/a	5/4/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-5B	0.00409	n/a	5/6/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-7B1	0.00409	n/a	5/6/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-8B	0.00409	n/a	4/25/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-10B	0.00409	n/a	5/4/2026	0.00134J	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-12B	0.00409	n/a	5/2/2022	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-14B	0.00409	n/a	4/23/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-17A-00	0.00409	n/a	4/23/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-23A	0.00409	n/a	5/8/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-24A	0.00409	n/a	5/7/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-25A-00	0.00409	n/a	5/8/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-29A	0.00409	n/a	5/5/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-31B	0.00409	n/a	5/6/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-201A	0.00409	n/a	5/6/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-202A	0.00409	n/a	4/23/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-203A	0.00409	n/a	5/6/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-204A	0.00409	n/a	4/24/2025	0.00293J	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-208B	0.00409	n/a	4/25/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-210B	0.00409	n/a	5/5/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-215A	0.00409	n/a	5/7/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-214A	0.00409	n/a	4/23/2025	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-200A	0.00409	n/a	10/20/2021	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-205A	0.00409	n/a	5/4/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-213A	0.00409	n/a	5/6/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-310A	0.00409	n/a	5/4/2026	0.0011J	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-312A	0.00409	n/a	5/4/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-216A	0.00409	n/a	5/6/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-217A	0.00409	n/a	5/8/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Selenium (mg/L)	MW-218A	0.00409	n/a	5/8/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-219A	0.00409	n/a	5/8/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-220A	0.00409	n/a	5/8/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-18AR	0.00409	n/a	10/20/2021	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-408	0.00409	n/a	5/5/2026	0.00298	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Selenium (mg/L)	MW-410	0.00409	n/a	5/8/2026	0.000982ND	No	89	MW-34A,MW-38A,MW-39B	n/a	n/a	91.01	n/a	n/a	0.0002341	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-1B	0.000141	n/a	5/4/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-5B	0.000141	n/a	5/6/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-7B1	0.000141	n/a	5/6/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-8B	0.000141	n/a	4/25/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-10B	0.000141	n/a	5/4/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-12B	0.000141	n/a	5/2/2022	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-14B	0.000141	n/a	4/23/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-17A-00	0.000141	n/a	4/23/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-23A	0.000141	n/a	5/8/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-24A	0.000141	n/a	5/7/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-25A-00	0.000141	n/a	5/8/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-29A	0.000141	n/a	5/5/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-31B	0.000141	n/a	5/6/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-201A	0.000141	n/a	5/6/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-202A	0.000141	n/a	4/23/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-203A	0.000141	n/a	5/6/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-204A	0.000141	n/a	4/24/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-208B	0.000141	n/a	4/25/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-210B	0.000141	n/a	5/5/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-215A	0.000141	n/a	5/7/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-214A	0.000141	n/a	4/23/2025	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-200A	0.000141	n/a	10/20/2021	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-205A	0.000141	n/a	5/4/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-213A	0.000141	n/a	5/6/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-310A	0.000141	n/a	5/4/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-312A	0.000141	n/a	5/4/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-216A	0.000141	n/a	5/6/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-217A	0.000141	n/a	5/8/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-218A	0.000141	n/a	5/8/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-219A	0.000141	n/a	5/8/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-220A	0.000141	n/a	5/8/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-18AR	0.000141	n/a	10/20/2021	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-408	0.000141	n/a	5/5/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Silver (mg/L)	MW-410	0.000141	n/a	5/8/2026	0.000115ND	No	88	MW-34A,MW-39B,MW-38A	n/a	n/a	97.73	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-1B	0.1	n/a	5/6/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-5B	0.1	n/a	5/6/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-7B1	0.1	n/a	5/6/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-8B	0.1	n/a	4/25/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-10B	0.1	n/a	10/21/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-12B	0.1	n/a	5/2/2022	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-14B	0.1	n/a	4/23/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-17A-00	0.1	n/a	4/23/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-23A	0.1	n/a	5/8/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-24A	0.1	n/a	5/7/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Sulfide (mg/L)	MW-25A-00	0.1	n/a	5/8/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-29A	0.1	n/a	5/5/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-31B	0.1	n/a	5/7/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-201A	0.1	n/a	5/6/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-202A	0.1	n/a	4/23/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-203A	0.1	n/a	5/6/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-204A	0.1	n/a	4/24/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-208B	0.1	n/a	4/25/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-210B	0.1	n/a	5/5/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-215A	0.1	n/a	5/7/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-214A	0.1	n/a	4/23/2025	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-200A	0.1	n/a	10/20/2021	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-205A	0.1	n/a	5/4/2026	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-213A	0.1	n/a	5/6/2026	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-310A	0.1	n/a	3/30/2013	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-312A	0.1	n/a	3/30/2013	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-216A	0.1	n/a	4/29/2024	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-217A	0.1	n/a	5/1/2023	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-218A	0.1	n/a	4/29/2024	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-219A	0.1	n/a	4/29/2024	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-220A	0.1	n/a	5/1/2023	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Sulfide (mg/L)	MW-18AR	0.1	n/a	5/12/2026	0.1ND	No	24	MW-34A,MW-39B,MW-38A	n/a	n/a	100	n/a	n/a	0.00218	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-1B	0.000255	n/a	5/4/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-5B	0.000255	n/a	5/6/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-7B1	0.000255	n/a	5/6/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-8B	0.000255	n/a	4/25/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-10B	0.000255	n/a	5/4/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-12B	0.000255	n/a	5/2/2022	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-14B	0.000255	n/a	4/23/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-17A-00	0.000255	n/a	4/23/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-23A	0.000255	n/a	5/8/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-24A	0.000255	n/a	5/7/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-25A-00	0.000255	n/a	5/8/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-29A	0.000255	n/a	5/5/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-31B	0.000255	n/a	5/6/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-201A	0.000255	n/a	5/6/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-202A	0.000255	n/a	4/23/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-203A	0.000255	n/a	5/6/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-204A	0.000255	n/a	4/24/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-208B	0.000255	n/a	4/25/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-210B	0.000255	n/a	5/5/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-215A	0.000255	n/a	5/7/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-214A	0.000255	n/a	4/23/2025	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-200A	0.000255	n/a	10/20/2021	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-205A	0.000255	n/a	5/4/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-213A	0.000255	n/a	5/6/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-310A	0.000255	n/a	5/4/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-312A	0.000255	n/a	5/4/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-216A	0.000255	n/a	5/6/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-217A	0.000255	n/a	5/8/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Thallium (mg/L)	MW-218A	0.000255	n/a	5/8/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-219A	0.000255	n/a	5/8/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-220A	0.000255	n/a	5/8/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-18AR	0.000255	n/a	10/20/2021	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-408	0.000255	n/a	5/5/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Thallium (mg/L)	MW-410	0.000255	n/a	5/8/2026	0.000255ND	No	88	MW-38A,MW-34A,MW-39B	n/a	n/a	98.86	n/a	n/a	0.0002398	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-1B	0.136	n/a	5/6/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-5B	0.136	n/a	5/6/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-7B1	0.136	n/a	5/6/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-8B	0.136	n/a	4/25/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-10B	0.136	n/a	10/21/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-12B	0.136	n/a	5/2/2022	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-14B	0.136	n/a	4/23/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-17A-00	0.136	n/a	4/23/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-23A	0.136	n/a	5/8/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-24A	0.136	n/a	5/7/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-25A-00	0.136	n/a	5/8/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-29A	0.136	n/a	5/5/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-31B	0.136	n/a	5/7/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-201A	0.136	n/a	5/6/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-202A	0.136	n/a	4/23/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-203A	0.136	n/a	5/6/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-204A	0.136	n/a	4/24/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-208B	0.136	n/a	4/25/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-210B	0.136	n/a	5/5/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-215A	0.136	n/a	5/7/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-214A	0.136	n/a	4/23/2025	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-200A	0.136	n/a	10/20/2021	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-205A	0.136	n/a	5/4/2026	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-213A	0.136	n/a	5/6/2026	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-310A	0.136	n/a	3/30/2013	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-312A	0.136	n/a	3/30/2013	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-216A	0.136	n/a	5/1/2023	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-217A	0.136	n/a	5/1/2023	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-218A	0.136	n/a	5/1/2023	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-219A	0.136	n/a	5/1/2023	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-220A	0.136	n/a	5/1/2023	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Tin (mg/L)	MW-18AR	0.136	n/a	10/20/2021	0.005ND	No	14	MW-34A,MW-38A,MW-39B	n/a	n/a	92.86	n/a	n/a	0.004422	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-1B	0.00554	n/a	5/4/2026	0.00104	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-5B	0.00554	n/a	5/6/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-7B1	0.00554	n/a	5/6/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-8B	0.00554	n/a	4/25/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-10B	0.00554	n/a	5/4/2026	0.00105	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-12B	0.00554	n/a	5/2/2022	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-14B	0.00554	n/a	4/23/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-17A-00	0.00554	n/a	4/23/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-23A	0.00554	n/a	5/8/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-24A	0.00554	n/a	5/7/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-25A-00	0.00554	n/a	5/8/2026	0.000715	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-29A	0.00554	n/a	5/5/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Vanadium (mg/L)	MW-31B	0.00554	n/a	5/6/2026	0.00537	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-201A	0.00554	n/a	5/6/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-202A	0.00554	n/a	4/23/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-203A	0.00554	n/a	5/6/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-204A	0.00554	n/a	4/24/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-208B	0.00554	n/a	4/25/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-210B	0.00554	n/a	5/5/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-215A	0.00554	n/a	5/7/2025	0.00262J	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-214A	0.00554	n/a	4/23/2025	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-200A	0.00554	n/a	10/20/2021	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-205A	0.00554	n/a	5/4/2026	0.000862	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-213A	0.00554	n/a	5/6/2026	0.00131	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-310A	0.00554	n/a	5/4/2026	0.00039	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-312A	0.00554	n/a	5/4/2026	0.000548	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-216A	0.00554	n/a	5/6/2026	0.00108	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-217A	0.00554	n/a	5/8/2026	0.000495	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-218A	0.00554	n/a	5/8/2026	0.000884	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-219A	0.00554	n/a	5/8/2026	0.000607	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-220A	0.00554	n/a	5/8/2026	0.000435	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-18AR	0.00554	n/a	10/20/2021	0.0017ND	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-408	0.00554	n/a	5/5/2026	0.0028	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	MW-410	0.00554	n/a	5/8/2026	0.000231J	No	87	MW-38A,MW-34A,MW-39B	n/a	n/a	60.92	n/a	n/a	0.0002454	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-1B	0.0684	n/a	5/4/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-5B	0.0684	n/a	5/6/2025	0.0153J	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-7B1	0.0684	n/a	5/6/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-8B	0.0684	n/a	4/25/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-10B	0.0684	n/a	5/4/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-12B	0.0684	n/a	5/2/2022	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-14B	0.0684	n/a	4/23/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-17A-00	0.0684	n/a	4/23/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-23A	0.0684	n/a	5/8/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-24A	0.0684	n/a	5/7/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-25A-00	0.0684	n/a	5/8/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-29A	0.0684	n/a	5/5/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-31B	0.0684	n/a	5/6/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-201A	0.0684	n/a	5/6/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-202A	0.0684	n/a	4/23/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-203A	0.0684	n/a	5/6/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-204A	0.0684	n/a	4/24/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-208B	0.0684	n/a	4/25/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-210B	0.0684	n/a	5/5/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-215A	0.0684	n/a	5/7/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-214A	0.0684	n/a	4/23/2025	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-200A	0.0684	n/a	10/20/2021	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-205A	0.0684	n/a	5/4/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-213A	0.0684	n/a	5/6/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-310A	0.0684	n/a	5/4/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-312A	0.0684	n/a	5/4/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-216A	0.0684	n/a	5/6/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-217A	0.0684	n/a	5/8/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2

Prediction Limit

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Trans...	Alpha	Method
Zinc (mg/L)	MW-218A	0.0684	n/a	5/8/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-219A	0.0684	n/a	5/8/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	**MW-220A**	**0.0684**	**n/a**	**5/8/2026**	**0.205**	**Yes**	**91**	**MW-34A,MW-38A,MW-39B**	**n/a**	**n/a**	**90.11**	**n/a**	**n/a**	**0.0002243**	**NP Inter (NDs) 1 of 2**
Zinc (mg/L)	MW-18AR	0.0684	n/a	10/20/2021	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-408	0.0684	n/a	5/5/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2
Zinc (mg/L)	MW-410	0.0684	n/a	5/8/2026	0.00692ND	No	91	MW-34A,MW-38A,MW-39B	n/a	n/a	90.11	n/a	n/a	0.0002243	NP Inter (NDs) 1 of 2

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Groundwater Monitoring Wells –

DQR

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Data Screening

Analysis Run 7/8/2026 11:57 AM View: 06A_MW_Organics_PL
Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

UG 'Double Quantification Rule' results for 42 constituents in 38 wells on 11 dates:

Dichlorodifluoromethane, MW-18AR, 10/22/2025: 4.01 ug/L, 5/5/2026: 8.8 ug/L
Tetrachloroethene, MW-18AR, 10/22/2025: 3.62 ug/L, 5/5/2026: 4.42 ug/L

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Groundwater Monitoring Wells –

Confidence Interval Analysis

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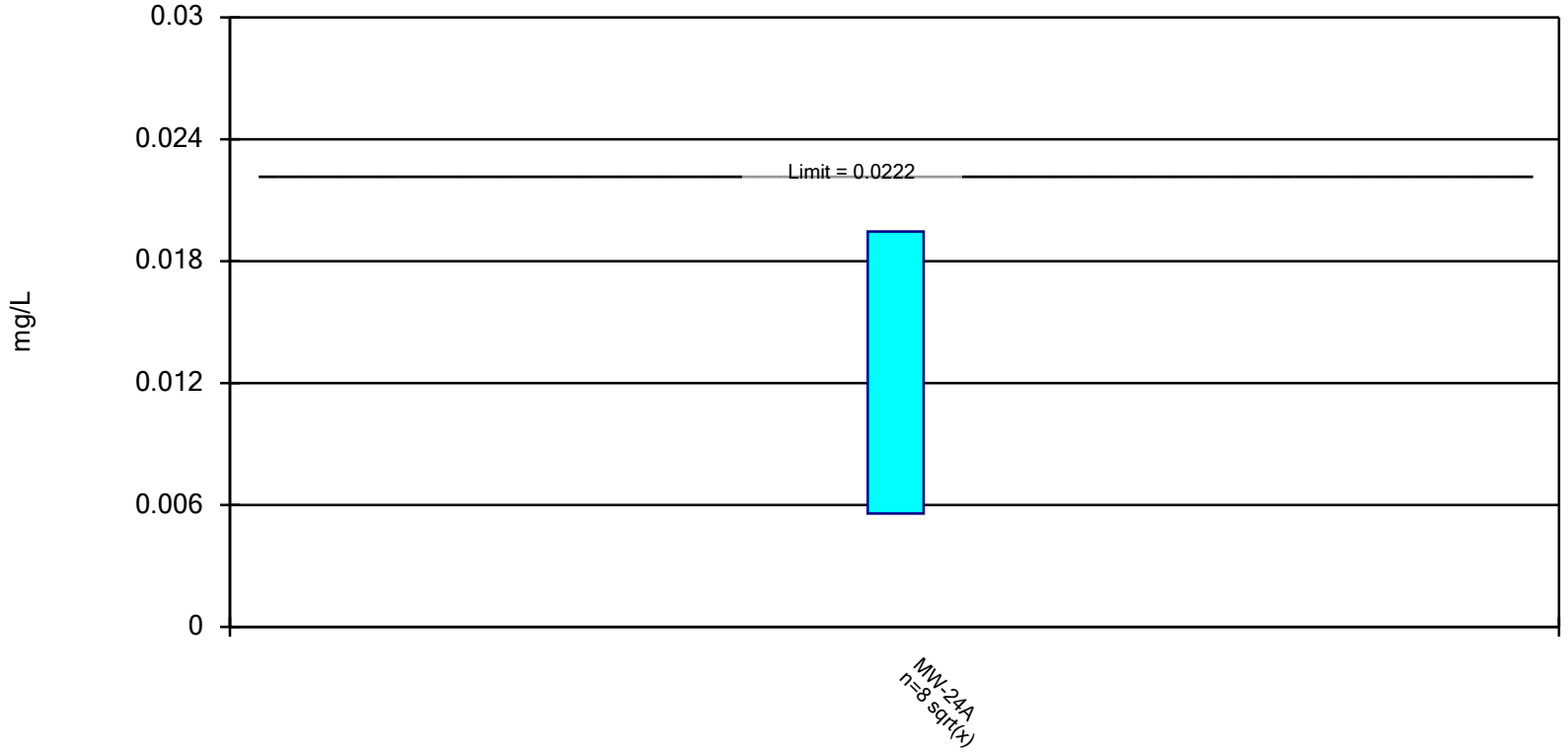
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 7/27/2026 10:39 AM View: 07_MW_CI

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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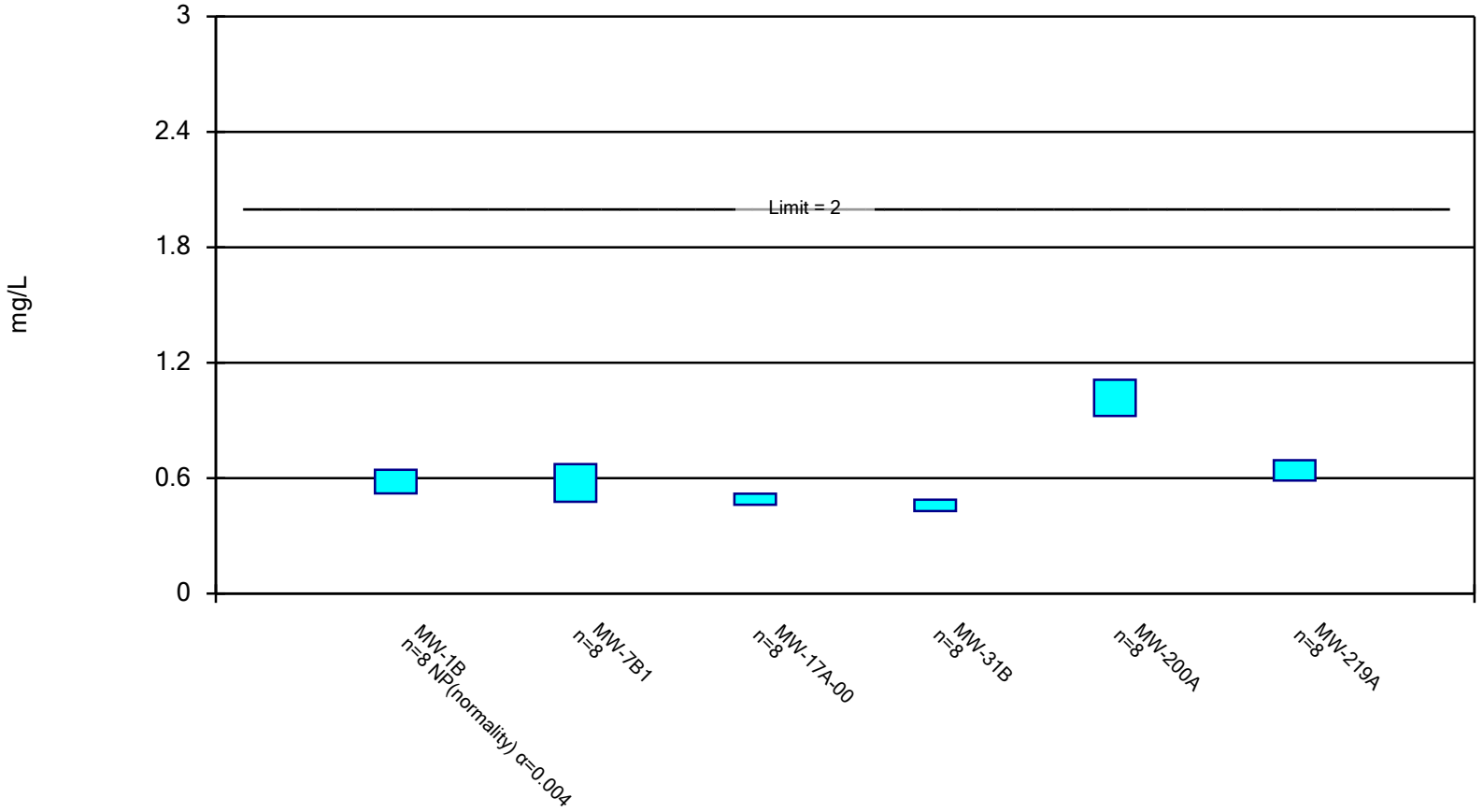
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 7/27/2026 10:39 AM View: 07_MW_CI

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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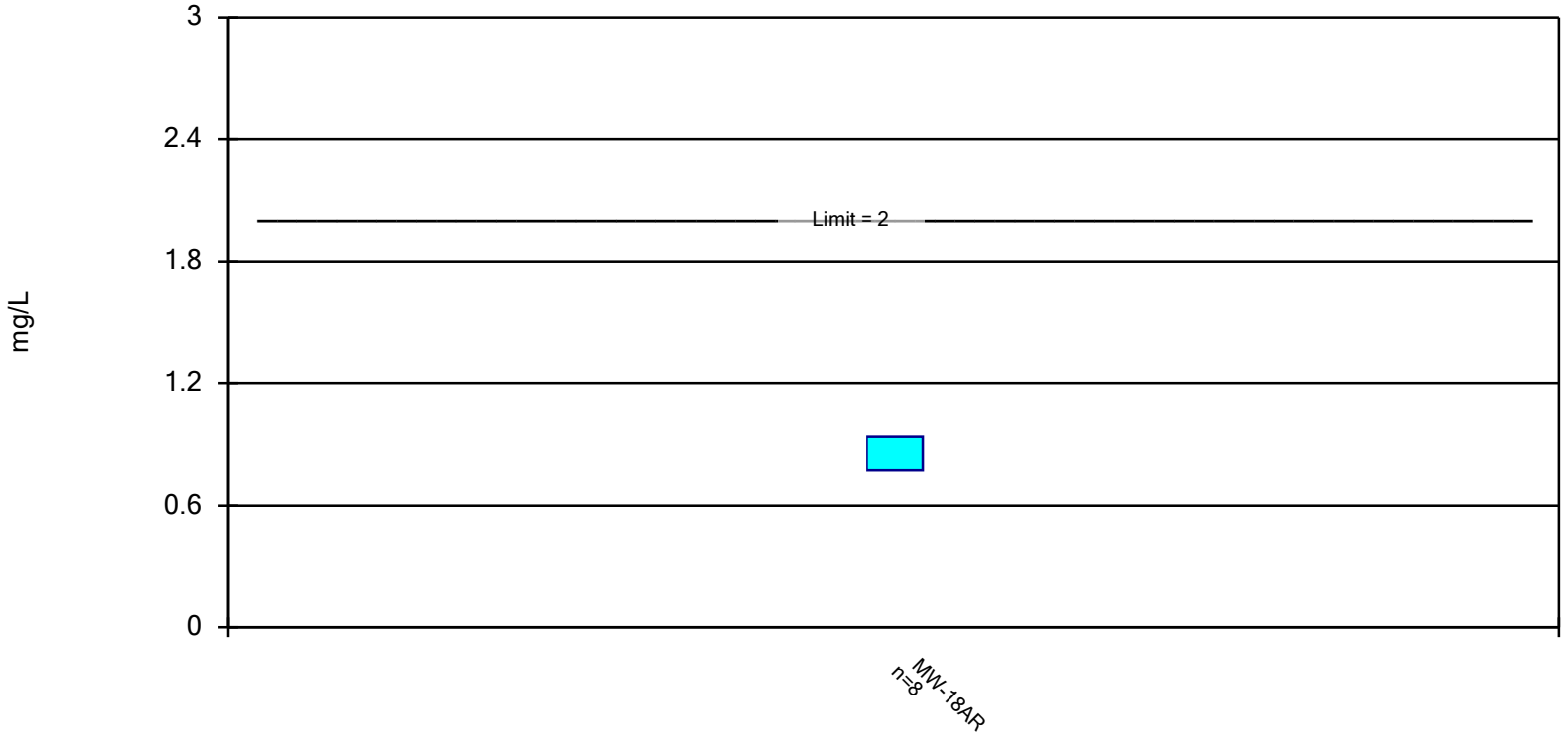
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 7/27/2026 10:39 AM View: 07_MW_CI

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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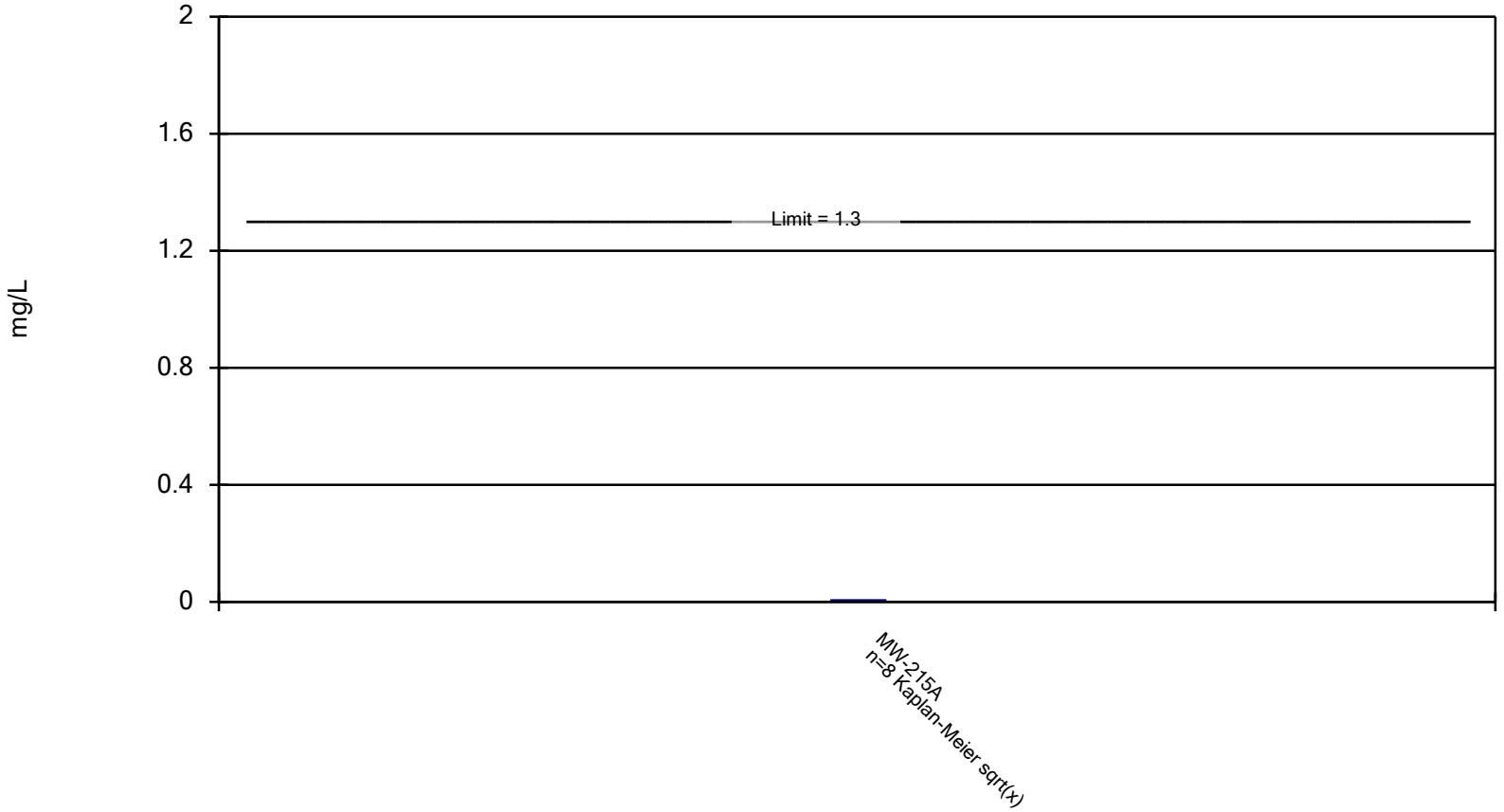
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Copper Analysis Run 7/27/2026 10:39 AM View: 07_MW_CI

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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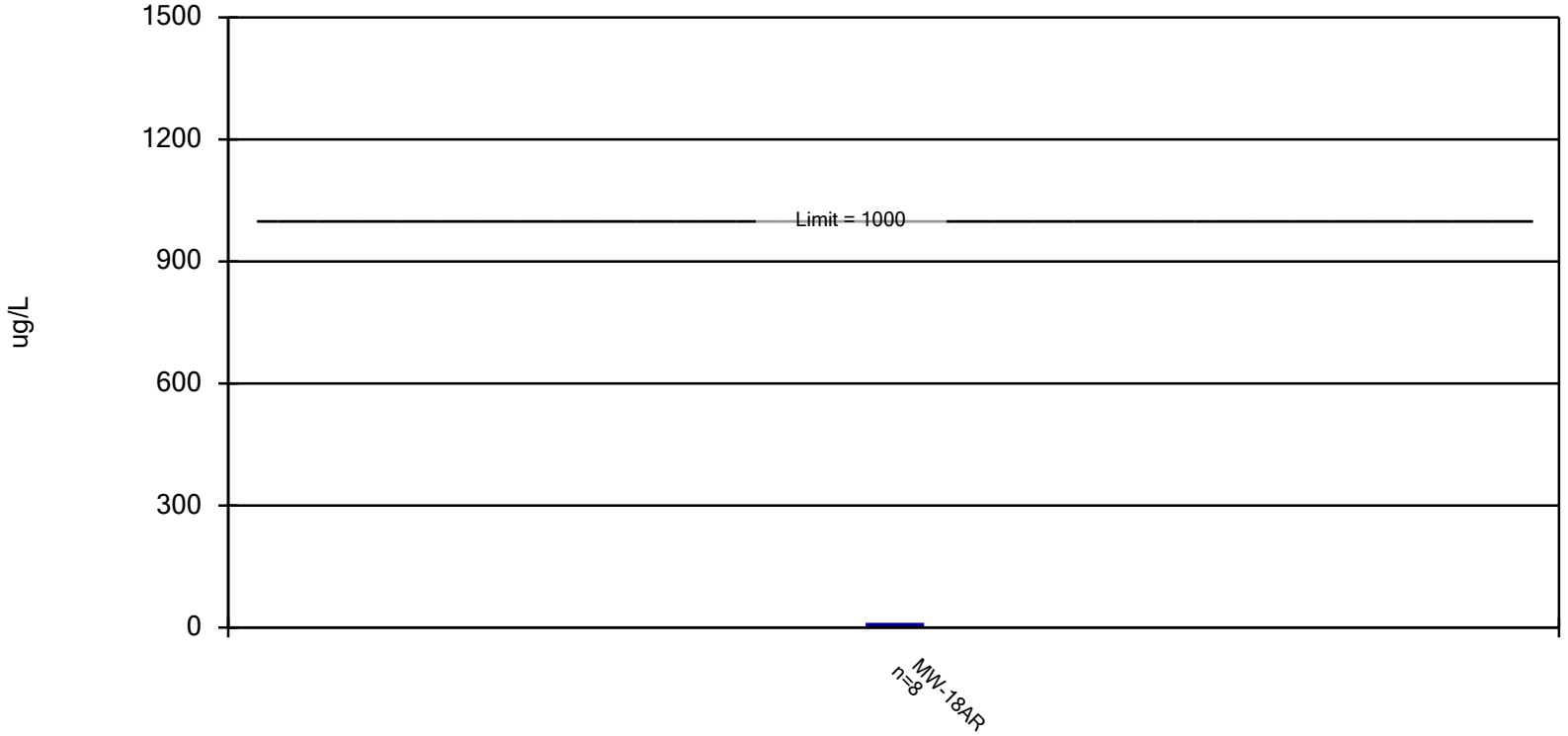
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Dichlorodifluoromethane Analysis Run 7/27/2026 10:39 AM View: 07_MW_CI

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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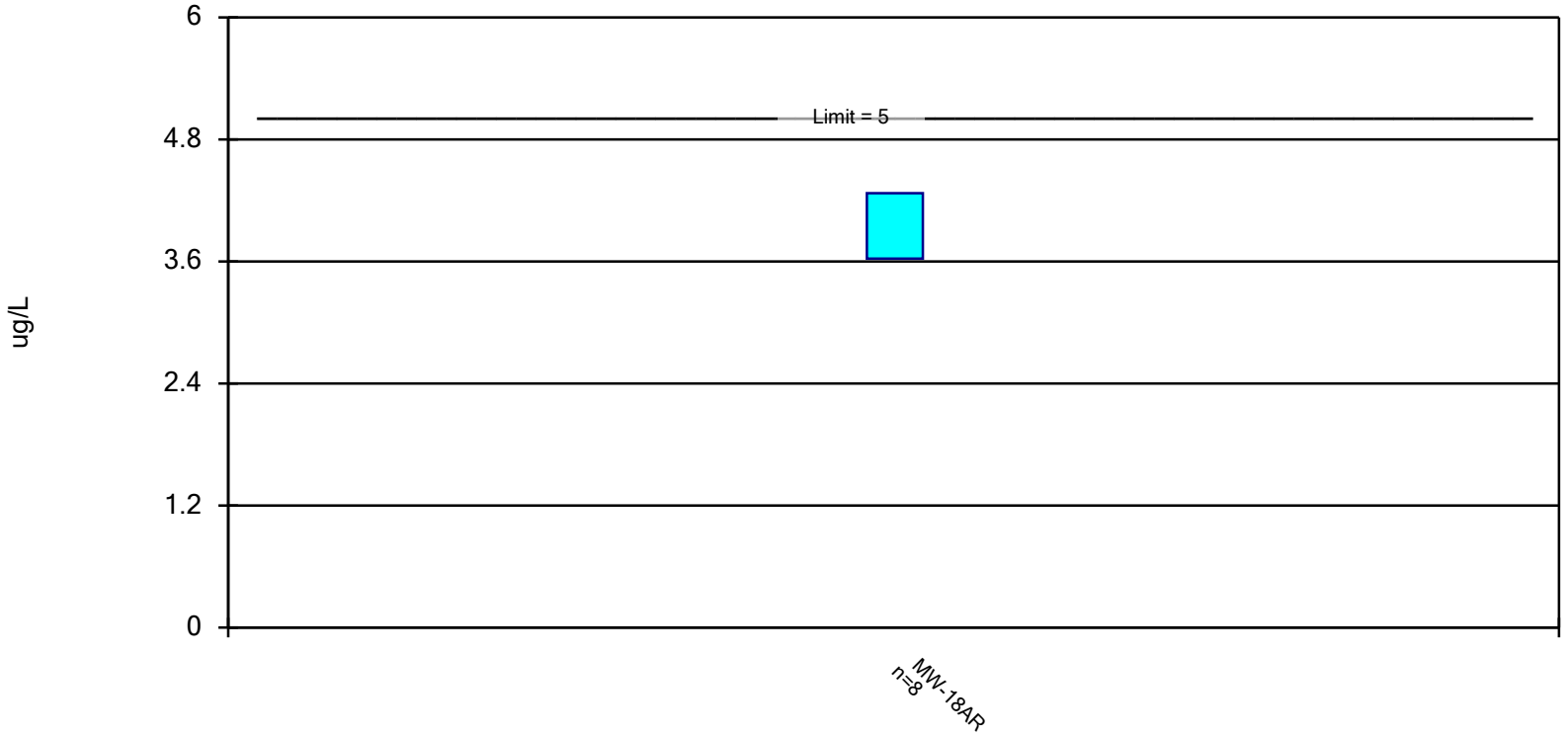
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Tetrachloroethene Analysis Run 7/27/2026 10:39 AM View: 07_MW_CI

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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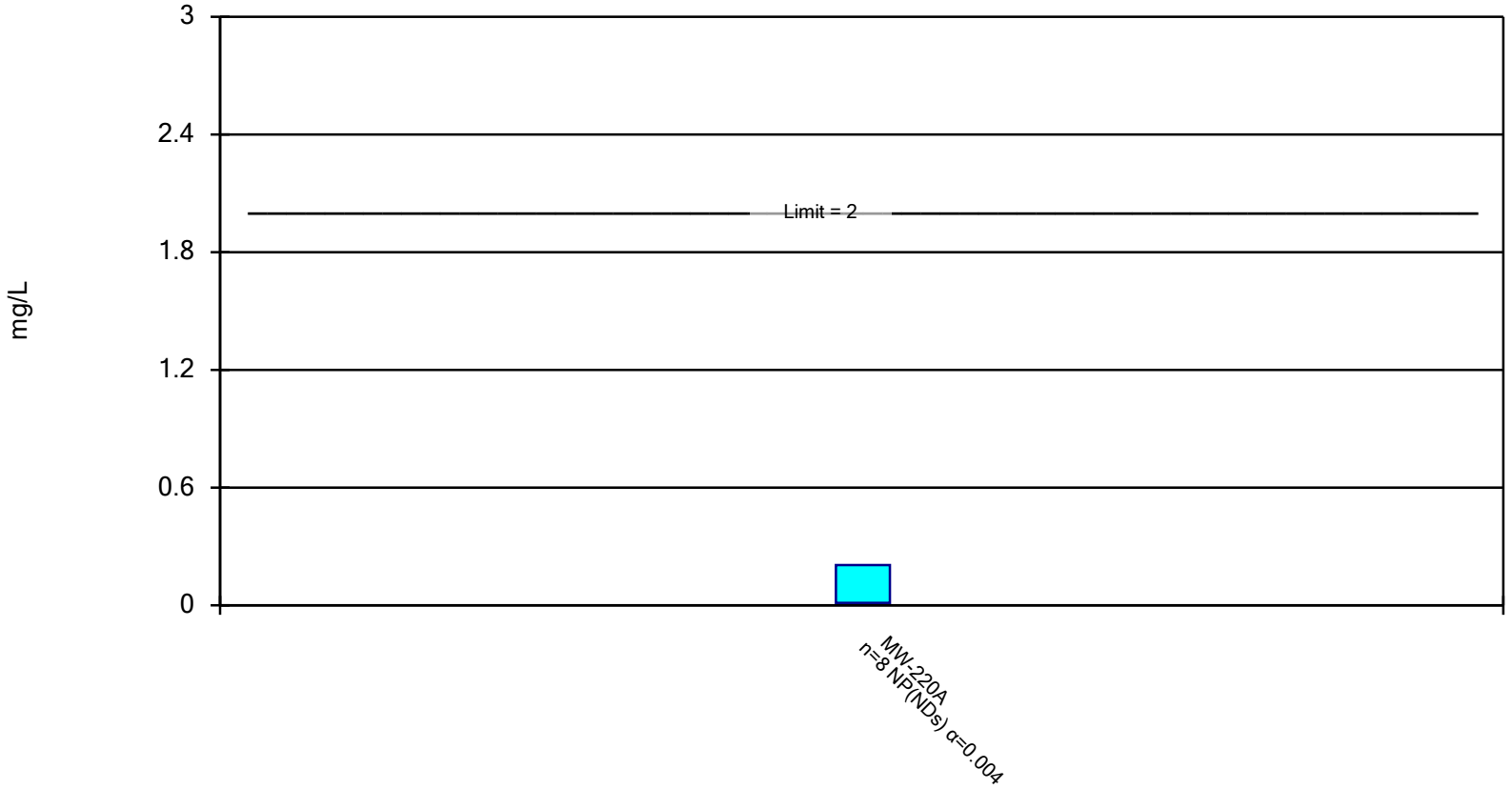
Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



Constituent: Zinc Analysis Run 7/27/2026 10:39 AM View: 07_MW_CI

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Confidence Interval

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/27/2026, 10:39 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Lower Compl.	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	MW-24A	0.01946	0.005577	0.0222	n/a	No	8	0.01229	0.007433	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-1B	0.644	0.521	2	n/a	No	8	0.5646	0.04687	0	None	No	0.004	NP (normality)
Barium (mg/L)	MW-7B1	0.673	0.4773	2	n/a	No	8	0.5751	0.0923	0	None	No	0.01	Param.
Barium (mg/L)	MW-17A-00	0.5191	0.4614	2	n/a	No	8	0.4903	0.02719	0	None	No	0.01	Param.
Barium (mg/L)	MW-31B	0.4877	0.4296	2	n/a	No	8	0.4587	0.02741	0	None	No	0.01	Param.
Barium (mg/L)	MW-200A	1.111	0.924	2	n/a	No	8	1.018	0.08821	0	None	No	0.01	Param.
Barium (mg/L)	MW-219A	0.6927	0.5881	2	n/a	No	8	0.6404	0.04934	0	None	No	0.01	Param.
Barium (mg/L)	MW-18AR	0.9405	0.773	2	n/a	No	8	0.8568	0.07905	0	None	No	0.01	Param.
Copper (mg/L)	MW-215A	0.005505	0.002342	1.3	n/a	No	8	0.004107	0.001558	25	Kaplan-Meier	sqrt(x)	0.01	Param.
Dichlorodifluoromethane (ug/L)	MW-18AR	8.363	4.224	1000	n/a	No	8	6.294	1.952	0	None	No	0.01	Param.
Tetrachloroethene (ug/L)	MW-18AR	4.27	3.627	5	n/a	No	8	3.949	0.3032	0	None	No	0.01	Param.
Zinc (mg/L)	MW-220A	0.205	0.013	2	n/a	No	8	0.037	0.06788	87.5	None	No	0.004	NP (NDs)

Statistical Analysis:

Source Characterization Monitoring Wells

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Source Characterization Monitoring Wells – Trends

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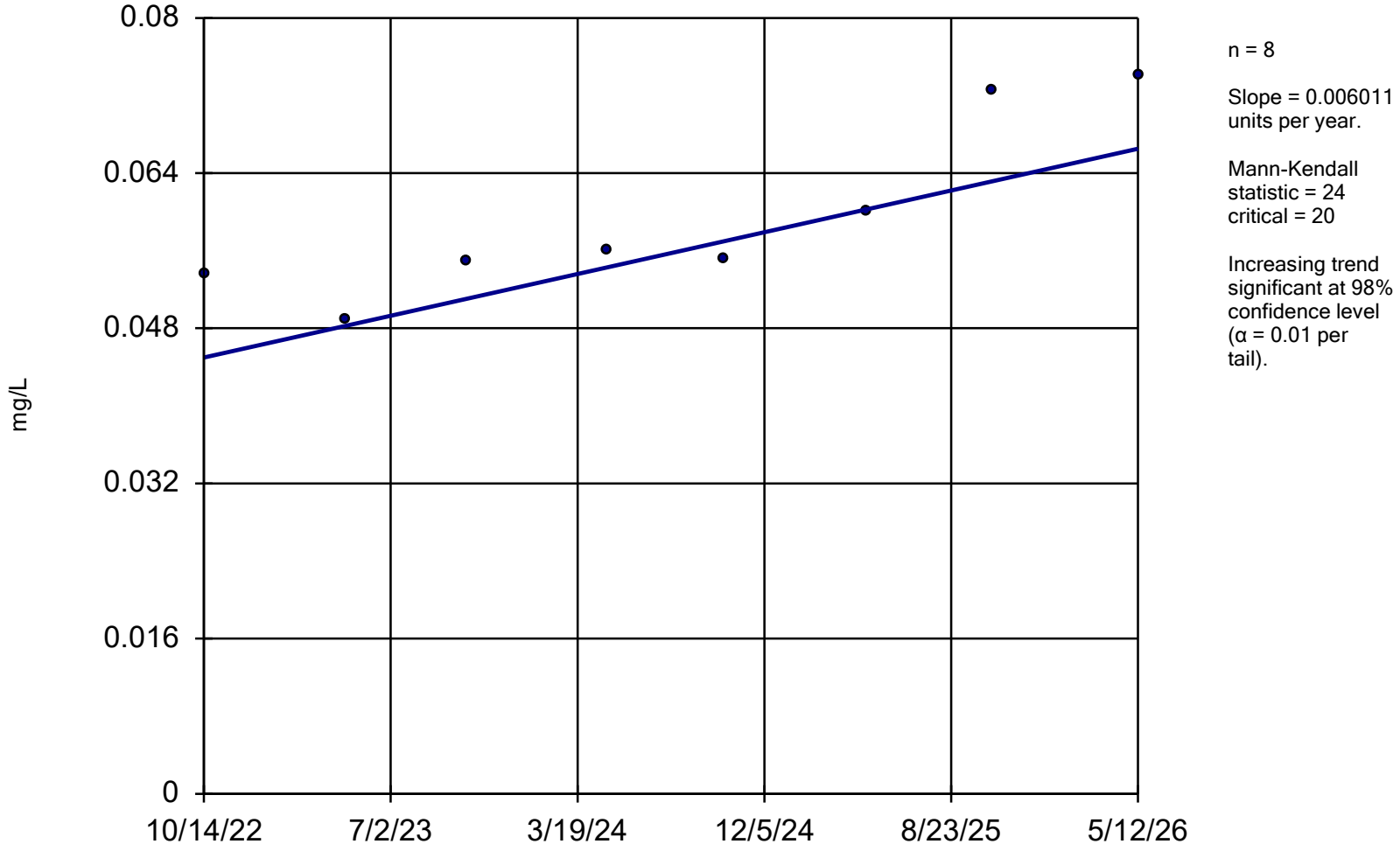
Sen's Slope Estimator

MW-209B



n = 8

Slope = 0.006011 units per year.

Mann-Kendall statistic = 24
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Nickel Analysis Run 7/22/2026 12:14 PM View: 08_MW_Corrective Action Trend Analysis

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

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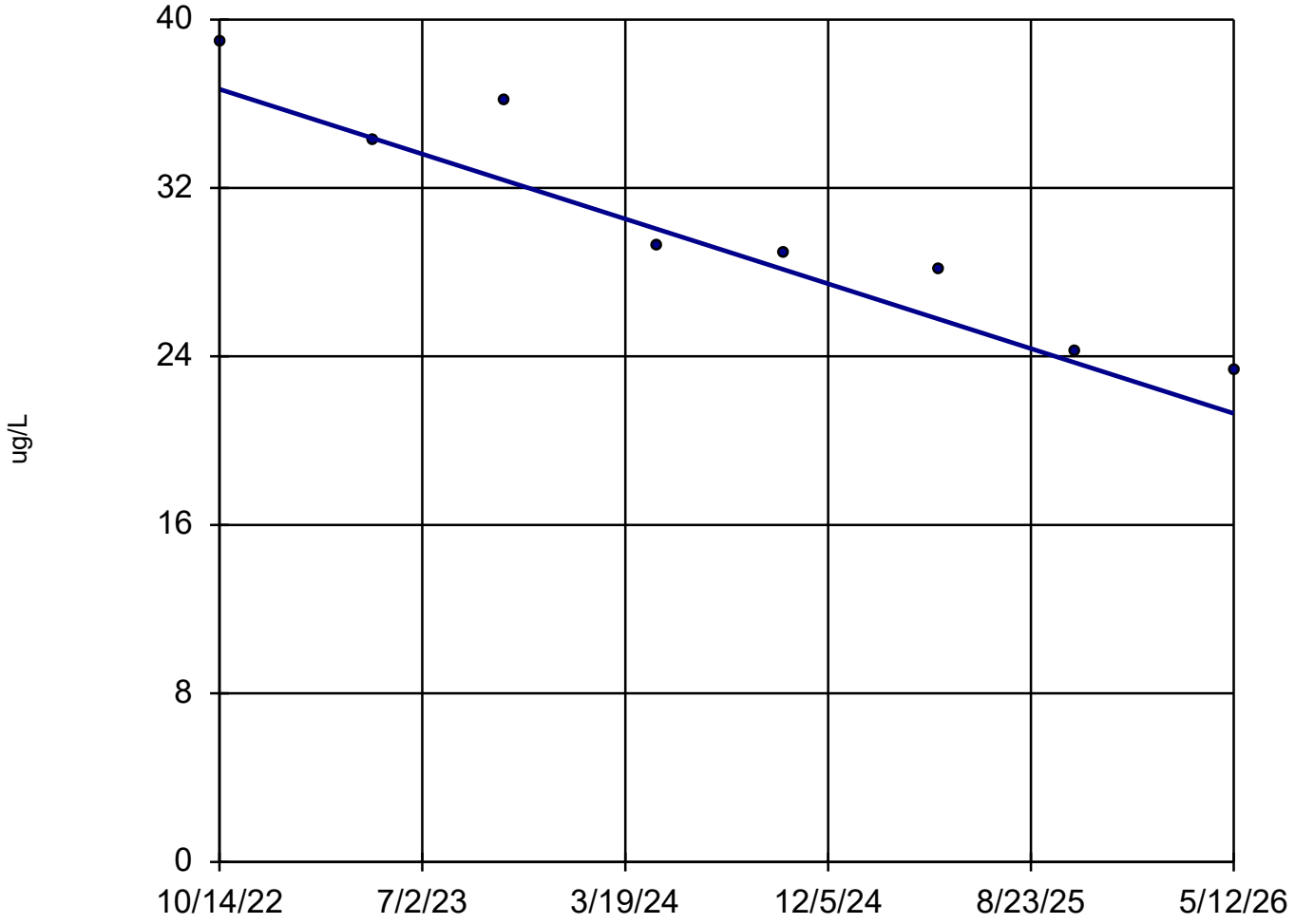
Sen's Slope Estimator

MW-18A-07



n = 8

Slope = -4.304 units per year.

Mann-Kendall statistic = -26
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Trichloroethene Analysis Run 7/22/2026 12:14 PM View: 08_MW_Corrective Action Trend An

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/22/2026, 12:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1-Dichloroethane (ug/L)	MW-16A	-0.4747	-10	-20	No	8	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-18A-07	-17.7	-18	-20	No	8	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-206A	-2.218	-14	-20	No	8	0	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-18A-07	-0.5596	-20	-20	No	8	12.5	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-16A	-0.1499	-13	-20	No	8	0	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-16A	-0.05993	-13	-17	No	7	57.14	n/a	n/a	0.02	NP
2,4,5-TP [Silvex] (ug/L)	MW-209B	0.03629	6	20	No	8	12.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-209B	-0.5291	-3	-20	No	8	25	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-1A	-0.003325	-10	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-2A-97	-0.005148	-18	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-6B	-0.007235	-14	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-11B	0.0006104	0	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-16A	0	-8	-20	No	8	62.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-18A-07	-0.0009191	-16	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-209B	-0.002822	-14	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-212A	-0.0009521	-14	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-206A	0	-8	-20	No	8	62.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-207A	0.000226	0	20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	MW-211B	0.00746	16	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-1A	-0.06502	-12	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-2A-97	-0.04568	-12	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-6B	-0.07544	-18	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-11B	-0.0339	-10	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-16A	-0.02523	-12	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-18A-07	-0.08071	-16	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-209B	0.01958	6	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-212A	-0.00008828	0	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-206A	-0.02354	-20	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-207A	-0.008033	-4	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	MW-211B	-0.09942	-20	-20	No	8	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-16A	-0.01103	-1	-20	No	8	25	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-18A-07	-1.032	-20	-20	No	8	0	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-209B	0.6349	8	20	No	8	0	n/a	n/a	0.02	NP
Cadmium (mg/L)	MW-16A	0	9	20	No	8	75	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-209B	0.001755	1	20	No	8	0	n/a	n/a	0.02	NP
Chloroethane (ug/L)	MW-18A-07	0.05877	2	20	No	8	12.5	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-16A	0.9619	16	20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-18A-07	13.62	18	20	No	8	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-206A	-0.482	-18	-20	No	8	12.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-1A	0.001007	4	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-2A-97	-0.004486	-13	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-6B	-0.002443	-8	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-11B	-0.0003265	-18	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-16A	-0.0005983	-10	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-18A-07	-0.000567	-18	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-209B	0.00005187	2	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-207A	-0.0001234	-4	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	MW-211B	-0.001106	-2	-20	No	8	0	n/a	n/a	0.02	NP
Copper (mg/L)	MW-1A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-2A-97	0	4	20	No	8	62.5	n/a	n/a	0.02	NP

Trend Test

Iowa City Landfill Client: HDR Data: Iowa City Sanitary Landfill Printed 7/22/2026, 12:24 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Copper (mg/L)	MW-16A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-18A-07	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-212A	-0.000837	-8	-20	No	8	12.5	n/a	n/a	0.02	NP
Copper (mg/L)	MW-206A	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-1A	0.0006805	14	20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-2A-97	-0.0004644	-3	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-6B	-0.0005277	-7	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-11B	-0.0002553	-14	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-16A	-0.0007365	-8	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-18A-07	-0.00005912	-12	-20	No	8	0	n/a	n/a	0.02	NP
Nickel (mg/L)	**MW-209B**	**0.006011**	**24**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (mg/L)	MW-206A	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-207A	0	-4	-20	No	8	50	n/a	n/a	0.02	NP
Nickel (mg/L)	MW-211B	-0.004109	-6	-20	No	8	0	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-209B	-0.000144	-18	-20	No	8	62.5	n/a	n/a	0.02	NP
Selenium (mg/L)	MW-206A	-0.00001371	0	20	No	8	0	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-16A	-0.2253	-13	-20	No	8	0	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-18A-07	-1.095	-10	-20	No	8	0	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-206A	-0.2041	-20	-20	No	8	12.5	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-18A-07	-0.1207	-14	-20	No	8	12.5	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-16A	-0.7502	-16	-20	No	8	0	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	**MW-18A-07**	**-4.304**	**-26**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Trichloroethene (ug/L)	MW-206A	-0.3459	-18	-20	No	8	12.5	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-16A	0	11	20	No	8	75	n/a	n/a	0.02	NP
Trichlorofluoromethane (ug/L)	MW-18A-07	0.05511	10	20	No	8	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-1A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-2A-97	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-6B	0	-2	-20	No	8	62.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-11B	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-16A	0	-3	-20	No	8	75	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-18A-07	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-209B	-0.0003212	-6	-20	No	8	12.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-212A	0.00003943	0	20	No	8	12.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-206A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-207A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Vanadium (mg/L)	MW-211B	0	-11	-20	No	8	75	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-16A	0.00574	0	20	No	8	0	n/a	n/a	0.02	NP
Vinyl Chloride (ug/L)	MW-18A-07	-3.401	-18	-20	No	8	0	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-209B	-0.7064	-12	-20	No	8	0	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-207A	0	-7	-20	No	8	87.5	n/a	n/a	0.02	NP
Zinc (mg/L)	MW-211B	-0.001508	-10	-20	No	8	62.5	n/a	n/a	0.02	NP

Appendix B

Spring 2026 Field Sampling Forms

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FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: WT-OF
Gradient (circle one): Up / Down
Sampler: ZW/JF
Date: 5/4/26

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet):
Initial Static Water Level (feet):
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
	Purging start time						
8:11							
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons):
Was well pumped/bailed dry?
Total Amount of Time Purged (minutes:seconds)
Average Purge Rate (mL/min)

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 56°
9 SW WIND
FULL SUN

FORM FOR GROUNDWATER SAMPLING

Project:

Monitoring Well/Piezometer ID: MW-1 Date: 5/4/26

Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet):

Initial Static Water Level (feet):

Initial Groundwater Elevation (ft-amsl):

Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
	Purging start time					[redacted]	
8:21							
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons):

Was well pumped/bailed dry?

Total Amount of Time Purged (minutes:seconds)

Average Purge Rate (mL/min)

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No

If yes, explain:

Additional Comments: 56°

9.5K WIND

5% N

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: WT-2 Date: 5/4/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet):
Initial Static Water Level (feet):
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump
□ Other: □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
	Purging start time						
8:32							
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons):
Was well pumped/bailed dry?
Total Amount of Time Purged (minutes:seconds)
Average Purge Rate (mL/min)

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: SG
GMP1 SW
SW

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: WT-3 Date: 5/21/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet):
Initial Static Water Level (feet):
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump
□ Other: □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
	Purging start time					[redacted]	
8:57							
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons):
Was well pumped/bailed dry?
Total Amount of Time Purged (minutes:seconds)
Average Purge Rate (mL/min)

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 61°
10mph SW WIND
SUN

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: U4-4 Date: 5/4/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet):
Initial Static Water Level (feet):
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump
□ Other: □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
	Purging start time					[redacted]	
915							
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons):
Was well pumped/bailed dry?
Total Amount of Time Purged (minutes:seconds)
Average Purge Rate (mL/min)

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments:
60°
10 mph SW Wind
Mostly Sun

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-1A | Date: 5/12/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 29.00
Initial Static Water Level (feet): 10.85
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: X QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
14:29	Purging start time						10.85
14:32	12.5	12.2	854	6.32	-21.5		12.75
14:35	12.5	6.8	856	6.34	-27.4		13.70
14:38	12.7	5.7	861	6.35	-31.3		14.31
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.5
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 277.77

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 75° 19mph WSW WIND Cloudy
Lots of sediment in water.

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-1B Date: 9/4/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 35.4
Initial Static Water Level (feet): 7.52
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
13:51	Purging start time					[redacted]	7.52
13:54	13.4	9.4	611	6.51	-55.9		7.79
13:57	13.2	6.7	598	6.53	-57.8		8.82
14:00	13.2	6.1	599	6.53	-58.8		9.03
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 2.0
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 222.2

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 77°
15mph W wind
mostly Sun

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-2A-97 Date: 5/12/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 27.86
Initial Static Water Level (feet): 19.00
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: ☒ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
14:53	Purging start time						19.20
1456	14.4	15.6	880	6.10	101.1		19.45
1459	13.0	7.7	865	6.12	95.6		19.63
1502	13.2	5.8	860	6.13	91.0		19.91
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 1.8
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 200.**

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 770
18mph W WIND
MiCloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-5B | Date: 5/5/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 23.29
Initial Static Water Level (feet): 11.96
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): X Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
12:23	Purging start time					[redacted]	11.96
12:26	10.7	37.4	423.5	6.90	70.9		13.36
12:29	10.6	35.1	421.7	6.82	75.06		14.18
12:32	10.6	34.1	421.8	6.83	80.1		14.76
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 2.0
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 222.22

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 55°
9 mph NW WIND
Cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-6B | Date: 9/12/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 23.09
Initial Static Water Level (feet): 12.95
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): X Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
9:03	Purging start time					[redacted]	12.95
9:06	11.8	7.8	911	6.46	-118.1		13.75
9:09	11.5	7.5	902	6.47	-118.4		13.91
9:12	11.6	6.2	901	6.46	-120.9		14.05
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 2.2
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 244.44

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 67°
15 mph SW
M. cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-781 Date: 5/5/25
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes / No If No, explain:

Litter/Standing Water? (circle one): Yes / No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 25.55
Initial Static Water Level (feet): 11.58
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
9:57	Purging start time					[redacted]	11.58
9:54	11.0	12.5	474.1	6.90	-66.5		12.16
9:57	10.9	8.8	475.2	6.92	-74.0		12.22
10:00	11.0	7.3	478.7	6.90	-81.4		12.24
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.1
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds)
Average Purge Rate (mL/min) 233.33

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 51°
7mph NW WIND
Cloudy

TANNISH CLOUDY WATER

IDNR Form 542-1322

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-8B | Date: 5/5/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 22.78
Initial Static Water Level (feet): 10.00
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
10:16	Purging start time					[redacted]	10.00
10:19	10.8	12.5	609	6.55	-31.1		11.23
10:22	10.6	8.5	608	6.58	-37.0		11.87
10:25	10.6	7.0	609	6.59	-40.7		12.35
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 1.8
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes/seconds) 9
Average Purge Rate (mL/min) 200.00

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 51° 9mph NW WIND Cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: 10B | Date: 5/4/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes / No If No, explain:

Litter/Standing Water? (circle one): Yes / No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 19.2
Initial Static Water Level (feet): 3.50
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
12:51	Purging start time					[redacted]	3.50
12:54	11.5	19.8	355.6	6.247	99.3		3.91
12:57	11.1	17.5	351.3	6.48	101.0		3.96
13:00	11.4	16.9	352.2	6.48	101.6		4.00
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2L
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 288.8

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments:
75°
15 mph SW SUN
FULL SUN

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW 118 Date: 5/4/20
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 22.23
Initial Static Water Level (feet): 7.57
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
12:26	Purging start time					[redacted]	7.59
12:29	11.4	14.9	778	6.63	4.7		8.95
12:32	11.3	11.3	775	6.65	-38.2		9.32
12:35	11.2	9.7	778	6.66	-59.1		9.98
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 2.6
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 288.88

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments:
75°
15mph SW WIND
FULL SUN

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW 128 | Date: 5.4-26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 19.2
Initial Static Water Level (feet): 3.70
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
10:08	Purging start time						3.70
10:11	10.3	11.3	643	6.39	105.1		3.64
10:14	10.2	8.4	637	6.40	103.4		3.71
10:17	10.3	7.3	638	6.40	97.3		3.76
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 2.4
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 266.66

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 68°
10 mph SW WIND
PULL SUN

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-14B Date: 5/5/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 20.25
Initial Static Water Level (feet): 6.19
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
12:48	Purging start time						6.19
12:51	10.4	11.8	680	6.39	32.8		6.91
12:54	10.3	7.9	680	6.40	38.0		7.03
12:57	10.2	6.5	678	6.39	92.8		7.10
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.2
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 244.44

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 56°
10mph NW WIND
CLOUDY

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-16A | Date: 5/12/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 24.05
Initial Static Water Level (feet): 14.85
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
9:31	Purging start time						14.85
9:34	11.9	10.4	912	6.48	66.3		15.22
9:37	11.8	7.8	910	6.51	71.1		15.36
9:40	11.6	6.6	904	6.53	74.2		13.51
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 20
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 222.22

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 69°
16mph SW WIND
cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-17A-00 | Date: 5/6/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 40.23
Initial Static Water Level (feet): 23.20
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☑ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
7:41	Purging start time					[redacted]	23.20
7:44	11.4	18.4	521	6.52	162.1		24.15
7:47	11.5	14.5	539	6.53	155.3		24.59
7:50	11.4	13.1	542	6.54	149.2		25.04
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 1.5
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 166.66

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 43°
7mph NW WIND
p sunny

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-18AR | Date: 5/12/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 33.32
Initial Static Water Level (feet): 23.48
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
12:29	Purging start time						23.48
12:32	14.5	33.0	697	6.43	92.1		23.89
12:35	14.5	30.3	697	6.44	100.5		24.02
12:38	14.3	32.0	694	6.45	104.3		24.14
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 1.1
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 177.77

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: Replacement Bottle
74°
20 mph WSW WIND
Cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-18M 07 DUP-1 Date: 5/12/22
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 32.51
Initial Static Water Level (feet): 23.25
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
7:24	Purging start time					[redacted]	23.25
7:27	13.3	10.9	1006	6.23	-3.7		23.58
7:30	13.3	8.5	1009	6.25	27.7		23.75
7:33	13.2	7.4	1005	6.25	12.3		23.87
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 1.4
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 155.55

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 49°
1 mph ESE WIND
SUN

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-18AR | Date: 5/5/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 33.32
Initial Static Water Level (feet): 23.51
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): X Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
7:23	Purging start time					[redacted]	23.51
7:26	11.9	36.5	644	6.43	158.7		23.89
7:29	11.8	30.3	649	6.45	152.0		24.00
7:32	11.8	30.0	649	6.46	148.6		24.10
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 1.4
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 155.55

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments:
47°
5mph NW WIND
Cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-23A | Date: 5/6/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 45.73
Initial Static Water Level (feet): 11.05
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: X QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
12:23	Purging start time						11.05
12:26	11.6	32.5	399.7	6.94	77.4		12.71
12:29	11.4	33.6	399.2	6.96	86.4		13.70
12:32	11.6	32.7	402.5	6.97	88.1		14.65
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) gallons): 2.7
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 244.44

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 550
12 mph NW WIND
p. sun

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-24A Date: 5/8/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 45.36
Initial Static Water Level (feet): 25.55
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): X Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
10:24	Purging start time					[redacted]	25.55
10:27	15.7	17.9	691	6.49	-90.2		26.59
10:30	15.6	13.2	689	6.51	-94.8		26.76
10:33	15.4	11.0	686	6.52	-97.2		27.44
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 1.1
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 122.22

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 62°
3mph S WIND
M. SUNNY

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-25A-00 Date: 5/8/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): ~~Yes~~ / No If No, explain:

Litter/Standing Water? (circle one): Yes / ~~No~~ If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 30.08
Initial Static Water Level (feet): 10.83
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump
□ Other: ☑ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
9:20	Purging start time					[redacted]	10.83
9:23	12.5	26.7	694	6.38	169.0		12.09
9:26	12.4	25.7	695	6.40	165.2		12.82
9:29	12.2	24.4	690	6.42	162.2		13.65
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters gallons): 2.1
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 233.33

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: S60
5MPH SE WIND
P. Cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-29A | Date: 5.5.26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes / No If No, explain:

Litter/Standing Water? (circle one): Yes / No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 19.97
Initial Static Water Level (feet): 7.43
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
8:39	Purging start time					[redacted]	7.43
8:42	10.1	14.7	835	6.40	159.8		8.42
8:45	10.0	10.5	834	6.40	153.6		8.99
8:48	10.0	9.0	831	6.33	152.9		9.15
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 1.9
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 211.11

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 490
7mph N wind
Cloudy

IDNR Form 542-1322

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: 31B
Date: 5/16/26
Gradient (circle one): Up / Down
Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes / No If No, explain:

Litter/Standing Water? (circle one): Yes / No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 45.31
Initial Static Water Level (feet): 35.67
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump Waterra X Other: □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
8:50	Purging start time						35.67
8:53	12.5	56.9	657	6.66	141.6		36.41
8:56	12.8	62.9	661	6.69	138.0		36.63
8:59	13.0	64.4	664	6.69	138.2		36.95
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.8
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes/seconds) 9
Average Purge Rate (mL/min) 311.11

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 46°
10mph NW WIND
M. SUNNY

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-34A | Date: 5/6/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 27.8
Initial Static Water Level (feet): 20.19
Initial Groundwater Elevation (ft-amsl):

Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: X QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
12:51	Purging start time						20.19
12:54	11.2	79.8	422.6	6.67	142.3		20.68
12:57	11.1	79.8	422.6	6.69	141.1		20.90
13:00	11.0	80.7	421.3	6.70	140.5		21.29
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.5
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 277.77

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 56°
15 mph NW WIND
CLOUDY

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-38A | Date: 5/4/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 36.51
Initial Static Water Level (feet): 15.92
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: ☑ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
11:52	Purging start time						15.92
11:55	11.5	85.4	444.6	6.98	120.5		17.50
11:58	11.5	85.2	445.2	7.00	121.6		18.49
12:01	11.3	84.6	443.7	7.01	122.9		19.34
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 2.5
Was well pumped/bailed dry? NP
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 277.77

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 53°
12 mph NW w/ WP
P. SW

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW 39B Date: 5/9/20
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 17.0
Initial Static Water Level (feet): 8.30
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
13:23	Purging start time					[redacted]	8.30
13:26	11.4	9.5	187.7	6.41	117.9		9.23
13:29	11.2	8.1	186.3	6.41	116.4		9.28
13:32	11.0	6.5	184.3	6.41	114.9		9.37
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 1.9
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 211.11

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments:
77°
15 mph W wind
Mostly Sun

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: 220A
Date: 8/4/26
Gradient (circle one): Up / Down
Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 35.4
Initial Static Water Level (feet): 20.16
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
14:20	Purging start time					[redacted]	20.16
14:23	15.4	24.1	823	6.53	118.0		20.61
14:26	15.0	21.5	819	6.56	113.8		20.85
14:29	15.1	20.7	821	6.56	111.5		21.07
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 1.8
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes/seconds) 9
Average Purge Rate (mL/min) 200.0

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 75°
14mph W wind
M. Sunny

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-201A | Date: 5.5.26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one) (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 22.68
Initial Static Water Level (feet): 21.44
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): X Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
7:54	Purging start time						21.44
7:57	11.9	50.7	401.7	6.56	157.1		21.65
8:00	11.9	47.4	407.0	6.58	151.5		21.73
8:03	11.9	45.9	407.5	6.59	148.4		21.85
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units) (liters) / gallons): 1.3
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 144.44

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 490
6 mph NW Wind
P. SUNNY

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: 202A Date: 5/6/20
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 34.28
Initial Static Water Level (feet): 16.79
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump
☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
8:13	Purging start time					[redacted]	16.79
8:16	11.3	48.9	324.1	6.95	138.0		17.74
8:19	11.2	50.0	311.5	6.97	130.2		18.33
8:22	11.3	46.3	312.2	6.98	135.6		18.88
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 1.8
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 200.0

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 430
7mph NW WIND
P. Sunny

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-203A | Date: 5.5.24
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) / No If No, explain:

Litter/Standing Water? (circle one): Yes / (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 33.34
Initial Static Water Level (feet): 21.40
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
13.45	Purging start time						21.40
13:48	12.4	46.4	546	6.49	138.1		21.74
13:51	12.4	45.0	550	6.51	134.5		21.94
13:54	12.4	44.4	551	6.51	132.7		22.11
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 1.5
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes):seconds) 9
Average Purge Rate (mL/min) 166.6

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 55°
9 MPH NW WIND
CLOUDY

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-204A | Date: 5.5.24
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 26.26
Initial Static Water Level (feet): 10.40
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
10:44	Purging start time						10.40
10:47	11.4	29.2	419.2	6.66	89.6		11.30
10:50	11.5	26.0	418.8	6.68	92.0		11.83
10:53	11.5	24.9	418.9	6.69	94.2		12.25
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 1.8
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes/seconds) 9
Average Purge Rate (mL/min) 200.00

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 53°
8mph NW WIND
CLOUDY

204

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW 205A Date: 5/4/22
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes / No If No, explain:

Litter/Standing Water? (circle one): Yes / No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 21.0
Initial Static Water Level (feet): 10.71
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): X Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
9:03	Purging start time					[redacted]	10.71
9:06	11.2	10.0	606	6.60	-126.7		11.77
9:09	11.0	7.7	603	6.62	-137.3		11.77
9:12	11.0	6.4	603	6.63	-139.8		11.85
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.5
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9:00
Average Purge Rate (mL/min) 277.7

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 64°
10 mph SW WIND
FULL SUN

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-206A | Date: 5/12/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 20.11
Initial Static Water Level (feet): 10.23
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
10:05	Purging start time					[redacted]	10.27
10:08	10.9	37.0	639	6.62	118.3		10.55
10:11	10.7	35.8	636	6.64	116.5		10.74
10:14	10.6	39.3	629	6.67	115.7		10.95
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.0
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes; seconds) 9
Average Purge Rate (mL/min) 222.22

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments:
71°
17mph
WSW
cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-207A Date: 5/12/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes / No If No, explain:

Litter/Standing Water? (circle one): Yes / No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 18.95
Initial Static Water Level (feet): 6.05
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): X Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
12:01	Purging start time						6.05
12:04	11.3	11.1	704	6.66	-132.4		6.45
12:07	11.1	8.4	703	6.67	-134.6		6.50
12:10	11.0	6.8	698	6.68	-136.5		6.55
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.5
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes/seconds) 9
Average Purge Rate (mL/min) 277.77

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 75° 20mph NSW WIND Clouds

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-208B Date: 5/5/20
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 20.14
Initial Static Water Level (feet): 10.39
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
13:20	Purging start time					[redacted]	10.39
13:23	10.3	59.7	412.9	6.88	75.0		10.65
13:26	10.2	58.1	410.6	6.89	57.0		10.84
13:29	10.1	60.1	406.7	6.95	73.7		11.15
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.0
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 222.22

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes No
If yes, explain:

Additional Comments:
54°
9mph NW WIND
CLOUDY

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW 209B | Date: 5/12/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): ~31
Initial Static Water Level (feet): 11.78
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
13:49	Purging start time						11.78
13:52	12.3	9.0	2448	6.33	-111.8		12.31
13:55	12.3	6.4	2443	6.34	-115.4		12.50
13:58	12.2	5.4	2443	6.34	-117.1		12.58
	Pump shut-off, sample collected						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.1
Was well pumped/bailed dry? No
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 233.33

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 74°
21 mph WSW
cloudy
stinky water

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-210B Date: 5/5/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes / No If No, explain:

Litter/Standing Water? (circle one): Yes / No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 21.1
Initial Static Water Level (feet): 5.41
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
12:00	Purging start time					[redacted]	5.41
12:03	10.3	13.2	648	6.58	-86.8		6.00
12:06	10.0	8.8	643	6.58	-92.8		6.04
12:09	9.9	7.1	643	6.59	-94.8		6.09
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 20
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 222.22

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 55°
10mph NW WIND
Cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: 2113 - DWP 2 Date: 5/12/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 34.8
Initial Static Water Level (feet): 24.73
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump
☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
3:10	Purging start time						24.73
3:13	13.2	10.2	785	6.06	-54.6		25.35
3:16	13.2	8.5	786	6.08	-54.7		25.68
3:19	13.2	7.2	790	6.09	-56.1		25.89
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) gallons): 1.5
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 166.66

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 54°
1mph SE WIND
SUN

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-212A | Date: 5/12/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 27.93
Initial Static Water Level (feet): 20.43
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
13:18	Purging start time						20.43
13:21	13.6	13.6	1476	6.42	-87.1		21.13
13:24	13.9	9.5	1493	6.45	-94.6		21.41
13:27	14.1	8.2	1502	6.46	-98.9		21.62
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters gallons): 1.5
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 166.6

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments:
74°
21 mph WSW
cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: 213A | Date: 5/6/20
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 31.88
Initial Static Water Level (feet): 16.33
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: ☒ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
9:56	Purging start time						16.33
9:59	12.1	40.7	753	6.36	131.1		16.69
10:02	11.6	31.3	734	6.37	124.2		16.84
10:05	11.6	30.4	739	6.39	119.5		17.08
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 3.3
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 366.66

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 1490
11 mph NW WIND
SUN

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-214A | Date: 5/6/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes / No If No, explain:

Litter/Standing Water? (circle one): Yes / No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 37.93
Initial Static Water Level (feet): 19.19
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
7:08	Purging start time						19.19
7:11	13.1	28.1	593	6.69	160.0		20.44
7:14	13.0	23.5	594	6.72	151.6		20.90
7:17	13.0	22.2	594	6.72	147.3		21.39
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 1.8
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 200.00

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 410
6mph NW WIND
M. SUNNY

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-215A | Date: 5/6/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 52.16
Initial Static Water Level (feet): 29.33
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump WATERRA ☒ Other: □ Dedicated Submersible Pump □ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
9:13	Purging start time						29.33
9:21	12.8	15.6	592	6.66	-29.2		32.45
9:24	12.9	8.9	594	6.66	8.5		33.45
9:27	12.9	7.0	589	6.67	17.7		33.45
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 3.6
Was well pumped/bailed dry? No
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 400.00

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? (Yes) No
If yes, explain: BROKEN/BENT PIPE

Additional Comments: 47.0
10mph NW WIND
M. SUNNY
gray, cloudy H2O

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-216A | Date: 5/6/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 37.00
Initial Static Water Level (feet): 29.37
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: ☒ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
13:42	Purging start time					[redacted]	29.37
13:50	12.4	31.2	992	6.20	189.4		29.90
13:53	12.6	26.9	970	6.18	184.5		30.12
13:56	12.8	28.8	961	6.18	180.5		30.35
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) gallons): 1.9
Was well pumped/bailed dry? No
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 211.11

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 56°
15 mph NW WIND
Full Clouds

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: 217A | Date: 5/8/26
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes / No If No, explain:

Litter/Standing Water? (circle one): Yes / No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 42.63
Initial Static Water Level (feet): 32.61
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump X QED □ Other:

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
7:28	Purging start time						32.61
7:31	13.0	50.1	291.9	6.15	170.7		33.14
7:34	13.0	48.8	292.7	6.12	173.0		33.25
7:37	12.9	47.3	292.2	6.11	174.2		33.51
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.2
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 244.44

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / No
If yes, explain:

Additional Comments: 50° mostly sunny 5mph wind ESE

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-218A | Date: 5/8/20
Gradient (circle one): Up / Down | Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 47.54
Initial Static Water Level (feet): 21.23
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: ☑ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
8:16	Purging start time						21.23
8:19	12.5	33.6	462.2	6.79	167.4		22.49
8:22	12.4	28.9	469.1	6.81	162.7		23.38
8:25	12.4	28.0	469.7	6.83	158.8		24.00
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 1.8
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 200.2

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 520
5 mph SE WIND
Cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: 219A
Date: 5/8/26
Gradient (circle one): Up / Down
Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 53.20
Initial Static Water Level (feet): 25.10
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: X QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
8:56	Purging start time						25.10
8:59	12.6	13.5	453.9	6.76	160.7		26.97
9:02	12.8	9.7	456.5	6.78	155.5		28.00
9:05	12.8	8.5	457.2	6.79	150.6		28.86
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 2.1
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes/seconds) 9
Average Purge Rate (mL/min) 233.33

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 56°
3 MPH SE WIND
CLOUDY

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-220A Date: 5/8/20
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 58.12
Initial Static Water Level (feet): 16.95
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump
□ Other: ☒ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
9:44	Purging start time						16.95
9:47	12.3	23.50	1360	6.55	172.1		18.30
9:50	12.3	15.50	1462	6.60	162.6		19.42
9:53	12.4	14.20	1472	6.63	154.6		20.81
9:56	12.3	13.80	1472	6.64	150.4		21.65
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.8
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes/seconds) 12
Average Purge Rate (mL/min) 233.33

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 60°
4mph SE WIND
p. cloudy

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW 310A
Date: 5/4/24
Gradient (circle one): Up / Down
Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 24.15
Initial Static Water Level (feet): 7.51
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
10:40	Purging start time					[redacted]	7.51
10:43	11.3	18.6	430.0	6.93	95.5		8.75
10:46	10.9	15.9	426.3	6.95	92.6		9.41
10:49	10.9	14.9	425.4	6.95	91.2		9.84
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 1.9
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 211.11

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 71°
11 mph SW WIND
RULL SUN

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW 312A Date: 5.4.26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): Yes No If No, explain:

Litter/Standing Water? (circle one): Yes No If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 27.98
Initial Static Water Level (feet): 7.56
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
9:44	Purging start time					[redacted]	7.56
9:47	12.3	15.2	405.1	6.74	70.9		8.14
9:50	12.1	13.1	403.9	6.76	70.5		8.18
9:53	11.9	11.4	401.8	6.76	70.2		8.20
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: liters / gallons): 2.1
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes) seconds) 9
Average Purge Rate (mL/min) 233.33

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes No
If yes, explain:

Additional Comments: 68°
11mph SW WIND
FULL SUN

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-408 Date: 5-5-26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 14.36
Initial Static Water Level (feet): 5.75
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): ☒ Dedicated Peristaltic Pump ☐ Dedicated Submersible Pump ☐ Other: ☐ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	**Temperature (°C) 10%**	Dissolved Oxygen (mg/L)	**Conductivity (µS/cm) +/- 10%**	**pH (S.U.) +/- 0.1**	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
9:05	Purging start time						5.75
9:08	9.3	26.9	310.4	6.57	143.1		6.70
9:11	9.7	24.7	312.3	6.58	140.8		6.95
9:14	9.7	23.6	313.0	6.59	139.1		7.03
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) gallons): 1.8
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 3
Average Purge Rate (mL/min) 200.0

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes (No)
If yes, explain:

Additional Comments: 49°
7mph NW WIND
Clear

FORM FOR GROUNDWATER SAMPLING

Project:
Monitoring Well/Piezometer ID: MW-410 Date: 5/8/26
Gradient (circle one): Up / Down Sampler: ZW/JF

A. MW/PIEZOMETER CONDITIONS

Well/Piezometer Capped? (circle one): (Yes) No If No, explain:

Litter/Standing Water? (circle one): Yes (No) If Yes, explain:

B. GROUNDWATER ELEVATION MEASUREMENT (+/- 0.01 foot, MSL)

Measured Well Total Depth (feet): 28.38
Initial Static Water Level (feet): 11.62
Initial Groundwater Elevation (ft-amsl):
Equipment Used (check one): □ Dedicated Peristaltic Pump □ Dedicated Submersible Pump □ Other: ☒ QED

C. WELL PURGING

FIELD PARAMETERS [stabilization criteria] RECORD EVERY 3 MINUTES

Time	Temperature (°C) 10%	Dissolved Oxygen (mg/L)	Conductivity (µS/cm) +/- 10%	pH (S.U.) +/- 0.1	ORP (mV)	Turbidity (NTU)	Static Water Level (feet)
7:53	Purging start time						11.62
7:56	9.5	35.1	686	6.46	178.3		12.85
7:59	9.2	23.6	684	6.48	172.7		14.04
8:02	9.3	22.3	685	6.49	169.0		14.04
	Pump shut-off, sample collected.						

Quantity of Water Removed from Well (circle units: (liters) / gallons): 3.1
Was well pumped/bailed dry? NO
Total Amount of Time Purged (minutes:seconds) 9
Average Purge Rate (mL/min) 344.44

D. WELL MAINTENANCE

Does the monitoring well/piezometer require any future maintenance? Yes / (No)
If yes, explain:

Additional Comments: 52°
4mph SE WIND
CLOUDY

Appendix C

Spring 2026 Laboratory Analytical Reports

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eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106

Generated 5/18/2026 3:44:38 PM

JOB DESCRIPTION

Iowa City Landfill

JOB NUMBER

310-331233-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

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Authorized for release by
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Job Narrative
310-331233-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 5/5/2026 4:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.2°C, 1.3°C, 1.5°C and 1.6°C.

Receipt Exceptions
The following samples were collected in an improper container for 8321 (250 ml amber glass submitted, 40 ml vials recommended): WT-OF (310-331233-1), WT-3 (310-331233-2), WT-1 (310-331233-3), WT-4 (310-331233-4), WT-2 (310-331233-5), MW-39B (310-331233-6), MW-1B (310-331233-7), MW-10B (310-331233-8), MW-310A (310-331233-9), MW-200A (310-331233-10), MW-312A (310-331233-11), MW-12B (310-331233-12), MW-11B (310-331233-13), MW-205A (310-331233-14), MW-18AR (310-331233-15), MW-201A (310-331233-16), MW-408 (310-331233-17), MW-29A (310-331233-18), TB-10 (310-331233-19), TB-7 (310-331233-20), TB-9 (310-331233-21) and TB-1 (310-331233-22). The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 310-488575 recovered above the upper control limit for Vinyl chloride (26%D) and Chloromethane (21%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-488575/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 310-488620 recovered above the upper control limit for 3,3'-Dimethylbenzidine(25%D), Di-n-octyl phthalate(25%D) and o-Toluidine(34%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-488620/3).

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-488620 recovered above the upper control limit for 4-Aminobiphenyl(135%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-488620/4).

Method 8270E: The method blank for preparation batch 310-488095 and analytical batch 310-488620 contained 3-Methylcholanthrene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-488620 recovered above the upper control limit for 4-Aminobiphenyl. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:(LCS 310-488095/2-A) and (LCSD 310-488095/3-A).

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-488955 recovered outside acceptance criteria, low biased, for 4,4-DDT (-55 %D), Endrin (-25 %D) and Methoxychlor (-52 %D). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-488955 recovered above the upper control limit for 4,4-DDD (31 %D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-488955/3).

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-488955 recovered above the upper control limit for surrogates. The sample surrogate results associated with this CCV were within acceptance criteria for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-488955/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Herbicides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-331233-1	WT-OF	Water	05/04/26 08:11	05/05/26 16:40	Iowa
310-331233-2	WT-3	Water	05/04/26 08:51	05/05/26 16:40	Iowa
310-331233-3	WT-1	Water	05/04/26 08:21	05/05/26 16:40	Iowa
310-331233-4	WT-4	Water	05/04/26 08:59	05/05/26 16:40	Iowa
310-331233-5	WT-2	Water	05/04/26 08:36	05/05/26 16:40	Iowa
310-331233-6	MW-39B	Water	05/04/26 13:35	05/05/26 16:40	Iowa
310-331233-7	MW-1B	Water	05/04/26 14:03	05/05/26 16:40	Iowa
310-331233-8	MW-10B	Water	05/04/26 13:03	05/05/26 16:40	Iowa
310-331233-9	MW-310A	Water	05/04/26 10:52	05/05/26 16:40	Iowa
310-331233-10	MW-200A	Water	05/04/26 14:32	05/05/26 16:40	Iowa
310-331233-11	MW-312A	Water	05/04/26 09:56	05/05/26 16:40	Iowa
310-331233-12	MW-12B	Water	05/04/26 10:20	05/05/26 16:40	Iowa
310-331233-13	MW-11B	Water	05/04/26 12:38	05/05/26 16:40	Iowa
310-331233-14	MW-205A	Water	05/04/26 09:15	05/05/26 16:40	Iowa
310-331233-15	MW-18AR	Water	05/05/26 07:35	05/05/26 16:40	Iowa
310-331233-16	MW-201A	Water	05/05/26 08:06	05/05/26 16:40	Iowa
310-331233-17	MW-408	Water	05/05/26 09:17	05/05/26 16:40	Iowa
310-331233-18	MW-29A	Water	05/05/26 08:51	05/05/26 16:40	Iowa
310-331233-19	TB-10	Water	05/05/26 00:00	05/05/26 16:40	Iowa
310-331233-20	TB-7	Water	05/05/26 00:00	05/05/26 16:40	Iowa
310-331233-21	TB-9	Water	05/05/26 00:00	05/05/26 16:40	Iowa
310-331233-22	TB-1	Water	05/05/26 00:00	05/05/26 16:40	Iowa

Detection Summary

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: WT-OF — Lab Sample ID: 310-331233-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000428	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.101		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.000541	J	0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.000650	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.0102		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000112	J	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable

Client Sample ID: WT-3 — Lab Sample ID: 310-331233-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00607		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.297		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Nickel	0.00244		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000244	J	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	35.0		7.50	4.20	mg/L	1		I-3765-85	Total/NA

Client Sample ID: WT-1 — Lab Sample ID: 310-331233-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000643	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.231		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.00223		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.00111	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.00396		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.0000990	J	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	8.60		3.00	1.68	mg/L	1		I-3765-85	Total/NA

Client Sample ID: WT-4 — Lab Sample ID: 310-331233-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000237	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.0691		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.000500	J	0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.000623	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.0122		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000145	J	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Client Sample ID: WT-2 — Lab Sample ID: 310-331233-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00102		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.131		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.00336		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Nickel	0.00383		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	3.63		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-39B — Lab Sample ID: 310-331233-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000270	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.176		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Nickel	0.00215		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.00120		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable

Client Sample ID: MW-1B — Lab Sample ID: 310-331233-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00327		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.555		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Vanadium	0.00104		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	36.0		7.50	4.20	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-10B — Lab Sample ID: 310-331233-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000267	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.150		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Nickel	0.000986	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Selenium	0.00134	J	0.00250	0.000982	mg/L	1		6020B	Total Recoverable
Vanadium	0.00105		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable

Client Sample ID: MW-310A — Lab Sample ID: 310-331233-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.112		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Selenium	0.00110	J	0.00250	0.000982	mg/L	1		6020B	Total Recoverable
Vanadium	0.000390		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-200A — Lab Sample ID: 310-331233-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.442	J	0.500	0.220	ug/L	1		8260D	Total/NA
Styrene	0.462	J	1.00	0.370	ug/L	1		8260D	Total/NA
Barium	1.08		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Nickel	0.000902	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable

Client Sample ID: MW-312A — Lab Sample ID: 310-331233-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.322	J	0.500	0.220	ug/L	1		8260D	Total/NA
Barium	0.190		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Vanadium	0.000548		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable

Client Sample ID: MW-12B — Lab Sample ID: 310-331233-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000741	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.366		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.000767	J	0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.000704	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.00555		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	1.38	J	1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-11B — Lab Sample ID: 310-331233-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	70.0		1.00	0.420	mg/L	1		9056A	Total/NA
Arsenic	0.0495		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.335		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.00115		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Iron	18900		100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	1100		2.50	0.791	ug/L	1		6020B	Total Recoverable
Nickel	0.00813		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000216	J	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Organic Carbon	5.10		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	44.0		7.50	4.20	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-205A — Lab Sample ID: 310-331233-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00234		0.00100	0.000232	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-205A (Continued) — Lab Sample ID: 310-331233-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.245		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Copper	0.000735	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.00144	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000862		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	30.5		7.50	4.20	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-18AR — Lab Sample ID: 310-331233-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.961	J	1.00	0.400	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.67		1.00	0.550	ug/L	1		8260D	Total/NA
Dichlorodifluoromethane	8.80		3.00	0.850	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.42		1.00	0.480	ug/L	1		8260D	Total/NA
Trichloroethene	1.37		1.00	0.350	ug/L	1		8260D	Total/NA
Trichlorofluoromethane	3.46	J	4.00	0.470	ug/L	1		8260D	Total/NA
Arsenic	0.000284	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.960		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Nickel	0.00138	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable

Client Sample ID: MW-201A — Lab Sample ID: 310-331233-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.226	J	0.500	0.220	ug/L	1		8260D	Total/NA
Arsenic	0.000283	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.211		0.00250	0.000730	mg/L	1		6020B	Total Recoverable

Client Sample ID: MW-408 — Lab Sample ID: 310-331233-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.196		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.000579	J	0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.000705	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.00253		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Selenium	0.00298		0.00250	0.000982	mg/L	1		6020B	Total Recoverable
Vanadium	0.00280		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	17.7		5.00	2.80	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-29A — Lab Sample ID: 310-331233-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000420	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-29A (Continued) — Lab Sample ID: 310-331233-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.258		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Copper	0.00161	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.00249		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	1.75	J	1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: TB-10 — Lab Sample ID: 310-331233-19

No Detections.

Client Sample ID: TB-7 — Lab Sample ID: 310-331233-20

No Detections.

Client Sample ID: TB-9 — Lab Sample ID: 310-331233-21

No Detections.

Client Sample ID: TB-1 — Lab Sample ID: 310-331233-22

No Detections.

This Detection Summary does not include radiochemical test results.

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: WT-OF
Date Collected: 05/04/26 08:11
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 01:39	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 01:39	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 01:39	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 01:39	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 01:39	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 01:39	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 01:39	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 01:39	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 01:39	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 01:39	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 01:39	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 01:39	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 01:39	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 01:39	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 01:39	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 01:39	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 01:39	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 01:39	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 01:39	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 01:39	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 01:39	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 01:39	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 01:39	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 01:39	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 01:39	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 01:39	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 01:39	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 01:39	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 01:39	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 01:39	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 01:39	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 01:39	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 01:39	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 01:39	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 01:39	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 01:39	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 01:39	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 01:39	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 01:39	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 01:39	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 01:39	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 01:39	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 01:39	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 01:39	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 01:39	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 01:39	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/08/26 01:39*	*1*

Client Sample ID: WT-OF
Lab Sample ID: 310-331233-1
Date Collected: 05/04/26 08:11
Matrix: Water
Date Received: 05/05/26 16:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/26 01:39*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*05/08/26 01:39*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 19:23	1
Arsenic	**0.000428**	**J**	0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 19:23	1
Barium	**0.101**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 19:23	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 19:23	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 19:23	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 19:23	1
Cobalt	**0.000541**	**J**	0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 19:23	1
Copper	**0.000650**	**J**	0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 19:23	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 19:23	1
Nickel	**0.0102**		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 19:23	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 19:23	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 19:23	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 19:23	1
Vanadium	**0.000112**	**J**	0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 19:23	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/07/26 09:58	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: WT-3
Date Collected: 05/04/26 08:51
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 02:02	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 02:02	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 02:02	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 02:02	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 02:02	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 02:02	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 02:02	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 02:02	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 02:02	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 02:02	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 02:02	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 02:02	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 02:02	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 02:02	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 02:02	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 02:02	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 02:02	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 02:02	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 02:02	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 02:02	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 02:02	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 02:02	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 02:02	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 02:02	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 02:02	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 02:02	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 02:02	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 02:02	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 02:02	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 02:02	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 02:02	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 02:02	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 02:02	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 02:02	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 02:02	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 02:02	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 02:02	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 02:02	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 02:02	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 02:02	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 02:02	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 02:02	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 02:02	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 02:02	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 02:02	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 02:02	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*76 - 130*		*05/08/26 02:02*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: WT-3

Date Collected: 05/04/26 08:51
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/08/26 02:02*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*05/08/26 02:02*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 19:45	1
Arsenic	**0.00607**		0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 19:45	1
Barium	**0.297**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 19:45	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 19:45	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 19:45	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 19:45	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 19:45	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 19:45	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 19:45	1
Nickel	**0.00244**		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 19:45	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 19:45	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 19:45	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 19:45	1
Vanadium	**0.000244**	**J**	0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 19:45	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 19:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**35.0**		7.50	4.20	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: WT-1
Date Collected: 05/04/26 08:21
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 02:25	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 02:25	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 02:25	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 02:25	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 02:25	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 02:25	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 02:25	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 02:25	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 02:25	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 02:25	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 02:25	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 02:25	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 02:25	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 02:25	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 02:25	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 02:25	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 02:25	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 02:25	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 02:25	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 02:25	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 02:25	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 02:25	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 02:25	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 02:25	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 02:25	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 02:25	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 02:25	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 02:25	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 02:25	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 02:25	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 02:25	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 02:25	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 02:25	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 02:25	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 02:25	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 02:25	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 02:25	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 02:25	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 02:25	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 02:25	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 02:25	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 02:25	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 02:25	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 02:25	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 02:25	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 02:25	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*05/08/26 02:25*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: WT-1
Date Collected: 05/04/26 08:21
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/08/26 02:25*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/08/26 02:25*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 19:48	1
Arsenic	**0.000643**	**J**	0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 19:48	1
Barium	**0.231**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 19:48	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 19:48	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 19:48	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 19:48	1
Cobalt	**0.00223**		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 19:48	1
Copper	**0.00111**	**J**	0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 19:48	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 19:48	1
Nickel	**0.00396**		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 19:48	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 19:48	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 19:48	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 19:48	1
Vanadium	**0.0000990**	**J**	0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 19:48	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 19:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**8.60**		3.00	1.68	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: WT-4
Date Collected: 05/04/26 08:59
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 02:48	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 02:48	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 02:48	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 02:48	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 02:48	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 02:48	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 02:48	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 02:48	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 02:48	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 02:48	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 02:48	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 02:48	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 02:48	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 02:48	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 02:48	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 02:48	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 02:48	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 02:48	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 02:48	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 02:48	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 02:48	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 02:48	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 02:48	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 02:48	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 02:48	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 02:48	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 02:48	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 02:48	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 02:48	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 02:48	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 02:48	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 02:48	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 02:48	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 02:48	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 02:48	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 02:48	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 02:48	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 02:48	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 02:48	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 02:48	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 02:48	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 02:48	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 02:48	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 02:48	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 02:48	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 02:48	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*76 - 130*		*05/08/26 02:48*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: WT-4

Date Collected: 05/04/26 08:59
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/26 02:48*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*05/08/26 02:48*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 19:50	1
Arsenic	**0.000237**	**J**	0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 19:50	1
Barium	**0.0691**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 19:50	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 19:50	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 19:50	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 19:50	1
Cobalt	**0.000500**	**J**	0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 19:50	1
Copper	**0.000623**	**J**	0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 19:50	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 19:50	1
Nickel	**0.0122**		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 19:50	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 19:50	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 19:50	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 19:50	1
Vanadium	**0.000145**	**J**	0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 19:50	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 19:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: WT-2
Date Collected: 05/04/26 08:36
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 03:11	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 03:11	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 03:11	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 03:11	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 03:11	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 03:11	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 03:11	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 03:11	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 03:11	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 03:11	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 03:11	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 03:11	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 03:11	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 03:11	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 03:11	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 03:11	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 03:11	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 03:11	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 03:11	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 03:11	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 03:11	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 03:11	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 03:11	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 03:11	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 03:11	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 03:11	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 03:11	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 03:11	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 03:11	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 03:11	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 03:11	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 03:11	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 03:11	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 03:11	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 03:11	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 03:11	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 03:11	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 03:11	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 03:11	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 03:11	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 03:11	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 03:11	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 03:11	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 03:11	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 03:11	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 03:11	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/08/26 03:11*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: WT-2

Date Collected: 05/04/26 08:36
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/08/26 03:11*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*05/08/26 03:11*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 19:53	1
Arsenic	**0.00102**		0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 19:53	1
Barium	**0.131**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 19:53	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 19:53	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 19:53	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 19:53	1
Cobalt	**0.00336**		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 19:53	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 19:53	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 19:53	1
Nickel	**0.00383**		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 19:53	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 19:53	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 19:53	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 19:53	1
Vanadium	<0.000270		0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 19:53	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 19:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.63**		1.88	1.05	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-39B
Date Collected: 05/04/26 13:35
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 03:34	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 03:34	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 03:34	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 03:34	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 03:34	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 03:34	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 03:34	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 03:34	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 03:34	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 03:34	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 03:34	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 03:34	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 03:34	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 03:34	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 03:34	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 03:34	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 03:34	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 03:34	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 03:34	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 03:34	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 03:34	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 03:34	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 03:34	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 03:34	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 03:34	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 03:34	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 03:34	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 03:34	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 03:34	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 03:34	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 03:34	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 03:34	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 03:34	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 03:34	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 03:34	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 03:34	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 03:34	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 03:34	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 03:34	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 03:34	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 03:34	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 03:34	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 03:34	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 03:34	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 03:34	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 03:34	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/08/26 03:34*	*1*

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Client Sample ID: MW-39B
Lab Sample ID: 310-331233-6
Date Collected: 05/04/26 13:35
Matrix: Water
Date Received: 05/05/26 16:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/26 03:34*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*05/08/26 03:34*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 19:56	1
Arsenic	**0.000270**	**J**	0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 19:56	1
Barium	**0.176**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 19:56	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 19:56	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 19:56	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 19:56	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 19:56	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 19:56	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 19:56	1
Nickel	**0.00215**		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 19:56	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 19:56	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 19:56	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 19:56	1
Vanadium	**0.00120**		0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 19:56	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 19:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-1B
Date Collected: 05/04/26 14:03
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 03:57	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 03:57	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 03:57	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 03:57	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 03:57	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 03:57	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 03:57	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 03:57	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 03:57	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 03:57	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 03:57	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 03:57	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 03:57	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 03:57	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 03:57	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 03:57	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 03:57	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 03:57	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 03:57	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 03:57	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 03:57	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 03:57	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 03:57	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 03:57	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 03:57	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 03:57	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 03:57	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 03:57	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 03:57	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 03:57	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 03:57	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 03:57	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 03:57	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 03:57	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 03:57	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 03:57	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 03:57	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 03:57	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 03:57	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 03:57	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 03:57	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 03:57	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 03:57	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 03:57	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 03:57	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 03:57	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/08/26 03:57*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-1B

Date Collected: 05/04/26 14:03
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/26 03:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*05/08/26 03:57*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 19:59	1
Arsenic	**0.00327**		0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 19:59	1
Barium	**0.555**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 19:59	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 19:59	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 19:59	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 19:59	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 19:59	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 19:59	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 19:59	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 19:59	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 19:59	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 19:59	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 19:59	1
Vanadium	**0.00104**		0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 19:59	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 19:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**36.0**		7.50	4.20	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-10B
Date Collected: 05/04/26 13:03
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 04:19	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 04:19	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 04:19	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 04:19	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 04:19	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 04:19	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 04:19	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 04:19	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 04:19	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 04:19	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 04:19	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 04:19	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 04:19	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 04:19	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 04:19	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 04:19	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 04:19	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 04:19	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 04:19	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 04:19	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 04:19	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 04:19	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 04:19	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 04:19	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 04:19	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 04:19	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 04:19	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 04:19	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 04:19	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 04:19	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 04:19	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 04:19	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 04:19	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 04:19	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 04:19	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 04:19	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 04:19	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 04:19	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 04:19	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 04:19	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 04:19	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 04:19	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 04:19	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 04:19	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 04:19	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 04:19	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 04:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/08/26 04:19*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-10B

Date Collected: 05/04/26 13:03
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/26 04:19*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/08/26 04:19*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 20:01	1
Arsenic	**0.000267**	**J**	0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:01	1
Barium	**0.150**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:01	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 20:01	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 20:01	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 20:01	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:01	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:01	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:01	1
Nickel	**0.000986**	**J**	0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:01	1
Selenium	**0.00134**	**J**	0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 20:01	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 20:01	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 20:01	1
Vanadium	**0.00105**		0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 20:01	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 20:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-310A
Date Collected: 05/04/26 10:52
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 13:06	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 13:06	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 13:06	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 13:06	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 13:06	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 13:06	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 13:06	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 13:06	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 13:06	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 13:06	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 13:06	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 13:06	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 13:06	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 13:06	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 13:06	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 13:06	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 13:06	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 13:06	1
Benzene	<0.500		0.500	0.220	ug/L			05/11/26 16:36	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 13:06	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 13:06	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 13:06	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 13:06	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 13:06	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 13:06	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 13:06	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 13:06	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 13:06	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 13:06	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 13:06	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 13:06	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 13:06	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 13:06	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 13:06	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 13:06	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 13:06	1
Styrene	<1.00		1.00	0.370	ug/L			05/11/26 16:36	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 13:06	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 13:06	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 13:06	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 13:06	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 13:06	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 13:06	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 13:06	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 13:06	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 13:06	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*76 - 130*		*05/08/26 13:06*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-310A
Date Collected: 05/04/26 10:52
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*76 - 130*		*05/11/26 16:36*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/08/26 13:06*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/11/26 16:36*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/08/26 13:06*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*05/11/26 16:36*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 20:13	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:13	1
Barium	**0.112**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:13	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 20:13	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 20:13	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 20:13	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:13	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:13	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:13	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:13	1
Selenium	**0.00110**	**J**	0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 20:13	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 20:13	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 20:13	1
Vanadium	**0.000390**		0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 20:13	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 20:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-200A
Date Collected: 05/04/26 14:32
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 13:29	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 13:29	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 13:29	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 13:29	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 13:29	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 13:29	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 13:29	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 13:29	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 13:29	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 13:29	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 13:29	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 13:29	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 13:29	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 13:29	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 13:29	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 13:29	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 13:29	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 13:29	1
Benzene	**0.442**	**J**	0.500	0.220	ug/L			05/08/26 13:29	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 13:29	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 13:29	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 13:29	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 13:29	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 13:29	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 13:29	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 13:29	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 13:29	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 13:29	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 13:29	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 13:29	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 13:29	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 13:29	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 13:29	1
Dichlorodifluoromethane	<3.00		3.00	0.850	ug/L			05/08/26 13:29	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 13:29	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 13:29	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 13:29	1
Styrene	**0.462**	**J**	1.00	0.370	ug/L			05/08/26 13:29	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 13:29	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 13:29	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 13:29	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 13:29	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 13:29	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 13:29	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 13:29	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 13:29	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 13:29	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 13:29	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-200A

Date Collected: 05/04/26 14:32
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-10

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/08/26 13:29*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/26 13:29*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*05/08/26 13:29*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:15	1
Barium	**1.08**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:15	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:15	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:15	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:15	1
Nickel	**0.000902**	**J**	0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-312A
Date Collected: 05/04/26 09:56
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 13:52	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 13:52	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 13:52	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 13:52	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 13:52	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 13:52	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 13:52	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 13:52	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 13:52	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 13:52	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 13:52	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 13:52	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 13:52	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 13:52	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 13:52	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 13:52	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 13:52	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 13:52	1
Benzene	**0.322**	**J**	0.500	0.220	ug/L			05/08/26 13:52	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 13:52	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 13:52	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 13:52	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 13:52	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 13:52	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 13:52	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 13:52	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 13:52	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 13:52	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 13:52	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 13:52	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 13:52	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 13:52	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 13:52	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 13:52	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 13:52	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 13:52	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 13:52	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 13:52	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 13:52	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 13:52	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 13:52	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 13:52	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 13:52	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 13:52	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 13:52	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 13:52	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*05/08/26 13:52*	*1*

Client Sample ID: MW-312A
Lab Sample ID: 310-331233-11
Date Collected: 05/04/26 09:56
Matrix: Water
Date Received: 05/05/26 16:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/08/26 13:52*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*05/08/26 13:52*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 20:18	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:18	1
Barium	**0.190**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:18	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 20:18	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 20:18	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 20:18	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:18	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:18	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:18	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:18	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 20:18	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 20:18	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 20:18	1
Vanadium	**0.000548**		0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 20:18	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 20:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-12B

Date Collected: 05/04/26 10:20
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-12

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<10.4		10.4	5.73	ug/L		05/06/26 11:32	05/12/26 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*87*		*39 - 140*	*05/06/26 11:32*	*05/12/26 16:39*	*1*
2-Fluorobiphenyl (Surr)	*88*		*33 - 126*	*05/06/26 11:32*	*05/12/26 16:39*	*1*
Terphenyl-d14 (Surr)	*42*		*13 - 150*	*05/06/26 11:32*	*05/12/26 16:39*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.000741**	**J**	0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:21	1
Barium	**0.366**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:21	1
Cobalt	**0.000767**	**J**	0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:21	1
Copper	**0.000704**	**J**	0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:21	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:21	1
Nickel	**0.00555**		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.38**	**J**	1.88	1.05	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-11B
Date Collected: 05/04/26 12:38
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/11/26 15:50	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/11/26 15:50	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/11/26 15:50	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/11/26 15:50	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/11/26 15:50	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/11/26 15:50	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/11/26 15:50	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/11/26 15:50	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/11/26 15:50	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/11/26 15:50	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/11/26 15:50	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/11/26 15:50	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/11/26 15:50	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/11/26 15:50	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/11/26 15:50	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/11/26 15:50	1
Acetone	<10.0		10.0	3.80	ug/L			05/11/26 15:50	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/11/26 15:50	1
Benzene	<0.500		0.500	0.220	ug/L			05/11/26 15:50	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/11/26 15:50	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/11/26 15:50	1
Bromoform	<5.00		5.00	2.60	ug/L			05/11/26 15:50	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/11/26 15:50	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/11/26 15:50	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/11/26 15:50	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/11/26 15:50	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/11/26 15:50	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/11/26 15:50	1
Chloroform	<3.00		3.00	1.30	ug/L			05/11/26 15:50	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/11/26 15:50	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/11/26 15:50	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/11/26 15:50	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/11/26 15:50	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/11/26 15:50	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/11/26 15:50	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/11/26 15:50	1
Styrene	<1.00		1.00	0.370	ug/L			05/11/26 15:50	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/11/26 15:50	1
Toluene	<1.00		1.00	0.430	ug/L			05/11/26 15:50	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/11/26 15:50	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/11/26 15:50	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/11/26 15:50	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/11/26 15:50	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/11/26 15:50	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/11/26 15:50	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/11/26 15:50	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/11/26 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*76 - 130*		*05/11/26 15:50*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-11B

Date Collected: 05/04/26 12:38
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-13

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/11/26 15:50*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*05/11/26 15:50*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.200		0.200	0.0510	mg/L			05/06/26 09:06	1
Sulfate	**70.0**		1.00	0.420	mg/L			05/06/26 09:06	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 20:24	1
Arsenic	**0.0495**		0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:24	1
Barium	**0.335**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:24	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 20:24	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 20:24	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 20:24	1
Cobalt	**0.00115**		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:24	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:24	1
Iron	**18900**		100	46.7	ug/L		05/12/26 14:20	05/13/26 20:24	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:24	1
Manganese	**1100**		2.50	0.791	ug/L		05/12/26 14:20	05/13/26 20:24	1
Nickel	**0.00813**		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:24	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 20:24	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 20:24	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 20:24	1
Vanadium	**0.000216**	**J**	0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 20:24	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 20:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**5.10**		1.00	0.500	mg/L			05/08/26 22:50	1
Total Suspended Solids (USGS I-3765-85)	**44.0**		7.50	4.20	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-205A
Date Collected: 05/04/26 09:15
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 14:37	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 14:37	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 14:37	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 14:37	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 14:37	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 14:37	1
1,1-Dichloropropene	<1.00		1.00	0.410	ug/L			05/08/26 14:37	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 14:37	1
1,2,4-Trichlorobenzene	<5.00		5.00	1.90	ug/L			05/08/26 14:37	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 14:37	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 14:37	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 14:37	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 14:37	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 14:37	1
1,3-Dichlorobenzene	<1.00		1.00	0.470	ug/L			05/08/26 14:37	1
1,3-Dichloropropane	<1.00		1.00	0.390	ug/L			05/08/26 14:37	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 14:37	1
2,2-Dichloropropane	<4.00		4.00	0.690	ug/L			05/11/26 16:59	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 14:37	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 14:37	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 14:37	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 14:37	1
Acrolein	<10.0		10.0	3.60	ug/L			05/08/26 14:37	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 14:37	1
Allyl chloride	<2.00		2.00	0.700	ug/L			05/08/26 14:37	1
Benzene	<0.500		0.500	0.220	ug/L			05/11/26 16:59	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 14:37	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 14:37	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 14:37	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 14:37	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 14:37	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 14:37	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 14:37	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 14:37	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 14:37	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 14:37	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 14:37	1
Chloroprene	<1.00		1.00	0.320	ug/L			05/08/26 14:37	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 14:37	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 14:37	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 14:37	1
Dichlorodifluoromethane	<3.00		3.00	0.850	ug/L			05/08/26 14:37	1
Ethyl methacrylate	<2.00		2.00	0.630	ug/L			05/08/26 14:37	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 14:37	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 14:37	1
Methacrylonitrile	<10.0		10.0	3.30	ug/L			05/08/26 14:37	1
Methyl methacrylate	<2.00		2.00	0.760	ug/L			05/08/26 14:37	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 14:37	1
Naphthalene	<5.00		5.00	1.80	ug/L			05/08/26 14:37	1

Client Sample ID: MW-205A
Lab Sample ID: 310-331233-14
Date Collected: 05/04/26 09:15
Matrix: Water
Date Received: 05/05/26 16:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	<10.0		10.0	3.40	ug/L			05/08/26 14:37	1
Styrene	<1.00		1.00	0.370	ug/L			05/11/26 16:59	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 14:37	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 14:37	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 14:37	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 14:37	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 14:37	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 14:37	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 14:37	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 14:37	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 14:37	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*05/08/26 14:37*	*1*
Dibromofluoromethane (Surr)	*105*		*76 - 130*		*05/11/26 16:59*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/08/26 14:37*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/11/26 16:59*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*05/08/26 14:37*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*05/11/26 16:59*	*1*

Method: SW846 8270E - Organochlorine Pesticides by GC-MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.117		0.117	0.0176	ug/L		05/11/26 12:06	05/14/26 16:10	1
4,4'-DDE	<0.117		0.117	0.0127	ug/L		05/11/26 12:06	05/14/26 16:10	1
4,4'-DDT	<0.117		0.117	0.0146	ug/L		05/11/26 12:06	05/14/26 16:10	1
Aldrin	<0.117		0.117	0.0352	ug/L		05/11/26 12:06	05/14/26 16:10	1
alpha-BHC	<0.117		0.117	0.0186	ug/L		05/11/26 12:06	05/14/26 16:10	1
beta-BHC	<0.117		0.117	0.0186	ug/L		05/11/26 12:06	05/14/26 16:10	1
Chlordane (technical)	<4.88		4.88	1.07	ug/L		05/11/26 12:06	05/14/26 16:10	1
delta-BHC	<0.117		0.117	0.0127	ug/L		05/11/26 12:06	05/14/26 16:10	1
Dieldrin	<0.117		0.117	0.0352	ug/L		05/11/26 12:06	05/14/26 16:10	1
Endosulfan I	<0.117		0.117	0.0410	ug/L		05/11/26 12:06	05/14/26 16:10	1
Endosulfan II	<0.117		0.117	0.0488	ug/L		05/11/26 12:06	05/14/26 16:10	1
Endosulfan sulfate	<0.117		0.117	0.0518	ug/L		05/11/26 12:06	05/14/26 16:10	1
Endrin	<0.117		0.117	0.0283	ug/L		05/11/26 12:06	05/14/26 16:10	1
Endrin aldehyde	<0.488		0.488	0.0430	ug/L		05/11/26 12:06	05/14/26 16:10	1
gamma-BHC (Lindane)	<0.117		0.117	0.0244	ug/L		05/11/26 12:06	05/14/26 16:10	1
Heptachlor	<0.117		0.117	0.0254	ug/L		05/11/26 12:06	05/14/26 16:10	1
Heptachlor epoxide	<0.117		0.117	0.0518	ug/L		05/11/26 12:06	05/14/26 16:10	1
Methoxychlor	<0.117		0.117	0.0566	ug/L		05/11/26 12:06	05/14/26 16:10	1
Toxaphene	<4.88		4.88	0.801	ug/L		05/11/26 12:06	05/14/26 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*111*		*13 - 150*	*05/11/26 12:06*	*05/14/26 16:10*	*1*
Nitrobenzene-d5 (Surr)	*99*	*I*	*22 - 150*	*05/11/26 12:06*	*05/14/26 16:10*	*1*
Terphenyl-d14 (Surr)	*97*		*10 - 150*	*05/11/26 12:06*	*05/14/26 16:10*	*1*

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Client Sample ID: MW-205A
Lab Sample ID: 310-331233-14
Date Collected: 05/04/26 09:15
Matrix: Water
Date Received: 05/05/26 16:40

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<10.9		10.9	0.696	ug/L		05/06/26 11:32	05/12/26 14:51	1
Acenaphthylene	<10.9		10.9	0.783	ug/L		05/06/26 11:32	05/12/26 14:51	1
Acetophenone	<10.9		10.9	0.750	ug/L		05/06/26 11:32	05/12/26 14:51	1
2-Acetylaminofluorene	<10.9		10.9	2.93	ug/L		05/06/26 11:32	05/12/26 14:51	1
4-Aminobiphenyl	<10.9	*+	10.9	2.39	ug/L		05/06/26 11:32	05/12/26 14:51	1
Anthracene	<10.9		10.9	0.946	ug/L		05/06/26 11:32	05/12/26 14:51	1
Benzo[a]anthracene	<10.9		10.9	0.924	ug/L		05/06/26 11:32	05/12/26 14:51	1
Benzo[a]pyrene	<10.9		10.9	8.80	ug/L		05/06/26 11:32	05/12/26 14:51	1
Benzo[b]fluoranthene	<10.9		10.9	5.33	ug/L		05/06/26 11:32	05/12/26 14:51	1
Benzo[g,h,i]perylene	<10.9		10.9	6.85	ug/L		05/06/26 11:32	05/12/26 14:51	1
Benzo[k]fluoranthene	<10.9		10.9	2.39	ug/L		05/06/26 11:32	05/12/26 14:51	1
Benzyl alcohol	<10.9		10.9	1.41	ug/L		05/06/26 11:32	05/12/26 14:51	1
Bis(2-chloroethoxy)methane	<10.9		10.9	0.826	ug/L		05/06/26 11:32	05/12/26 14:51	1
Bis(2-chloroethyl)ether	<10.9		10.9	0.891	ug/L		05/06/26 11:32	05/12/26 14:51	1
bis (2-chloroisopropyl) ether	<10.9		10.9	0.587	ug/L		05/06/26 11:32	05/12/26 14:51	1
Bis(2-ethylhexyl) phthalate	<10.9		10.9	5.98	ug/L		05/06/26 11:32	05/12/26 14:51	1
4-Bromophenyl phenyl ether	<10.9		10.9	0.761	ug/L		05/06/26 11:32	05/12/26 14:51	1
Butyl benzyl phthalate	<10.9		10.9	5.87	ug/L		05/06/26 11:32	05/12/26 14:51	1
4-Chloroaniline	<10.9		10.9	0.674	ug/L		05/06/26 11:32	05/12/26 14:51	1
Chlorobenzilate	<10.9		10.9	3.91	ug/L		05/06/26 11:32	05/12/26 14:51	1
4-Chloro-3-methylphenol	<10.9		10.9	0.913	ug/L		05/06/26 11:32	05/12/26 14:51	1
2-Chloronaphthalene	<10.9		10.9	0.696	ug/L		05/06/26 11:32	05/12/26 14:51	1
2-Chlorophenol	<10.9		10.9	0.587	ug/L		05/06/26 11:32	05/12/26 14:51	1
4-Chlorophenyl phenyl ether	<10.9		10.9	0.750	ug/L		05/06/26 11:32	05/12/26 14:51	1
Chrysene	<10.9		10.9	0.946	ug/L		05/06/26 11:32	05/12/26 14:51	1
Diallate	<10.9		10.9	4.35	ug/L		05/06/26 11:32	05/12/26 14:51	1
Dibenzo(a,h)anthracene	<10.9		10.9	4.24	ug/L		05/06/26 11:32	05/12/26 14:51	1
Dibenzofuran	<10.9		10.9	0.804	ug/L		05/06/26 11:32	05/12/26 14:51	1
3,3'-Dichlorobenzidine	<10.9		10.9	1.52	ug/L		05/06/26 11:32	05/12/26 14:51	1
2,4-Dichlorophenol	<10.9		10.9	0.924	ug/L		05/06/26 11:32	05/12/26 14:51	1
2,6-Dichlorophenol	<10.9		10.9	0.750	ug/L		05/06/26 11:32	05/12/26 14:51	1
Diethyl phthalate	<10.9		10.9	1.85	ug/L		05/06/26 11:32	05/12/26 14:51	1
Dimethoate	<10.9		10.9	3.91	ug/L		05/06/26 11:32	05/12/26 14:51	1
7,12-Dimethylbenz(a)anthracene	<10.9		10.9	2.07	ug/L		05/06/26 11:32	05/12/26 14:51	1
3,3'-Dimethylbenzidine	<10.9		10.9	1.63	ug/L		05/06/26 11:32	05/12/26 14:51	1
2,4-Dimethylphenol	<10.9		10.9	0.630	ug/L		05/06/26 11:32	05/12/26 14:51	1
Dimethyl phthalate	<10.9		10.9	1.09	ug/L		05/06/26 11:32	05/12/26 14:51	1
Di-n-butyl phthalate	<10.9		10.9	6.09	ug/L		05/06/26 11:32	05/12/26 14:51	1
1,3-Dinitrobenzene	<10.9	*-	10.9	3.48	ug/L		05/06/26 11:32	05/12/26 14:51	1
4,6-Dinitro-2-methylphenol	<10.9		10.9	7.50	ug/L		05/06/26 11:32	05/12/26 14:51	1
2,4-Dinitrophenol	<21.7		21.7	14.1	ug/L		05/06/26 11:32	05/12/26 14:51	1
2,4-Dinitrotoluene	<10.9		10.9	6.96	ug/L		05/06/26 11:32	05/12/26 14:51	1
2,6-Dinitrotoluene	<10.9		10.9	0.565	ug/L		05/06/26 11:32	05/12/26 14:51	1
Di-n-octyl phthalate	<21.7		21.7	7.61	ug/L		05/06/26 11:32	05/12/26 14:51	1
Dinoseb	<10.9		10.9	2.61	ug/L		05/06/26 11:32	05/12/26 14:51	1
Diphenylamine	<10.9		10.9	6.52	ug/L		05/06/26 11:32	05/12/26 14:51	1
Disulfoton	<10.9		10.9	2.61	ug/L		05/06/26 11:32	05/12/26 14:51	1
Ethyl methanesulfonate	<10.9		10.9	3.91	ug/L		05/06/26 11:32	05/12/26 14:51	1
Ethyl Parathion	<10.9		10.9	2.39	ug/L		05/06/26 11:32	05/12/26 14:51	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-205A
Date Collected: 05/04/26 09:15
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-14
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	<10.9		10.9	4.13	ug/L		05/06/26 11:32	05/12/26 14:51	1
Fluoranthene	<10.9		10.9	1.85	ug/L		05/06/26 11:32	05/12/26 14:51	1
Fluorene	<10.9		10.9	0.859	ug/L		05/06/26 11:32	05/12/26 14:51	1
Hexachlorobenzene	<10.9		10.9	0.761	ug/L		05/06/26 11:32	05/12/26 14:51	1
Hexachlorobutadiene	<10.9		10.9	0.935	ug/L		05/06/26 11:32	05/12/26 14:51	1
Hexachlorocyclopentadiene	<10.9		10.9	5.54	ug/L		05/06/26 11:32	05/12/26 14:51	1
Hexachloroethane	<10.9		10.9	1.05	ug/L		05/06/26 11:32	05/12/26 14:51	1
Hexachloropropene	<10.9		10.9	2.83	ug/L		05/06/26 11:32	05/12/26 14:51	1
Indeno[1,2,3-cd]pyrene	<10.9		10.9	4.57	ug/L		05/06/26 11:32	05/12/26 14:51	1
Isodrin	<10.9		10.9	5.11	ug/L		05/06/26 11:32	05/12/26 14:51	1
Isophorone	<10.9		10.9	1.01	ug/L		05/06/26 11:32	05/12/26 14:51	1
Isosafrole	<10.9		10.9	2.50	ug/L		05/06/26 11:32	05/12/26 14:51	1
Kepone	<10.9		10.9	1.09	ug/L		05/06/26 11:32	05/18/26 14:16	1
Methapyrilene	<10.9		10.9	0.826	ug/L		05/06/26 11:32	05/12/26 14:51	1
3-Methylcholanthrene	<10.9	*+	10.9	0.348	ug/L		05/06/26 11:32	05/12/26 14:51	1
Methyl methanesulfonate	<10.9		10.9	3.59	ug/L		05/06/26 11:32	05/12/26 14:51	1
2-Methylnaphthalene	<10.9		10.9	0.641	ug/L		05/06/26 11:32	05/12/26 14:51	1
Methyl parathion	<10.9		10.9	2.50	ug/L		05/06/26 11:32	05/12/26 14:51	1
2-Methylphenol	<10.9		10.9	0.707	ug/L		05/06/26 11:32	05/12/26 14:51	1
Methylphenol, 3 & 4	<10.9		10.9	0.761	ug/L		05/06/26 11:32	05/12/26 14:51	1
1,4-Naphthoquinone	<10.9		10.9	3.91	ug/L		05/06/26 11:32	05/12/26 14:51	1
1-Naphthylamine	<10.9		10.9	2.72	ug/L		05/06/26 11:32	05/12/26 14:51	1
2-Naphthylamine	<10.9	*+	10.9	2.28	ug/L		05/06/26 11:32	05/12/26 14:51	1
2-Nitroaniline	<10.9		10.9	6.41	ug/L		05/06/26 11:32	05/12/26 14:51	1
3-Nitroaniline	<10.9		10.9	2.93	ug/L		05/06/26 11:32	05/12/26 14:51	1
4-Nitroaniline	<10.9		10.9	1.41	ug/L		05/06/26 11:32	05/12/26 14:51	1
Nitrobenzene	<10.9		10.9	0.870	ug/L		05/06/26 11:32	05/12/26 14:51	1
5-Nitro-o-toluidine	<10.9		10.9	3.04	ug/L		05/06/26 11:32	05/12/26 14:51	1
2-Nitrophenol	<10.9		10.9	7.39	ug/L		05/06/26 11:32	05/12/26 14:51	1
4-Nitrophenol	<10.9		10.9	8.26	ug/L		05/06/26 11:32	05/12/26 14:51	1
N-Nitrosodiethylamine	<10.9		10.9	3.70	ug/L		05/06/26 11:32	05/12/26 14:51	1
N-Nitrosodimethylamine	<10.9		10.9	0.783	ug/L		05/06/26 11:32	05/12/26 14:51	1
N-Nitrosodi-n-butylamine	<10.9		10.9	4.24	ug/L		05/06/26 11:32	05/12/26 14:51	1
N-Nitrosodi-n-propylamine	<10.9		10.9	1.00	ug/L		05/06/26 11:32	05/12/26 14:51	1
N-Nitrosodiphenylamine	<10.9		10.9	0.815	ug/L		05/06/26 11:32	05/12/26 14:51	1
N-Nitrosomethylethylamine	<10.9		10.9	5.33	ug/L		05/06/26 11:32	05/12/26 14:51	1
N-Nitrosopiperidine	<10.9		10.9	2.93	ug/L		05/06/26 11:32	05/12/26 14:51	1
N-Nitrosopyrrolidine	<10.9		10.9	3.91	ug/L		05/06/26 11:32	05/12/26 14:51	1
o,o',o''-Triethylphosphorothioate	<10.9		10.9	3.48	ug/L		05/06/26 11:32	05/12/26 14:51	1
o-Toluidine	<10.9		10.9	3.15	ug/L		05/06/26 11:32	05/12/26 14:51	1
p-Dimethylamino azobenzene	<10.9		10.9	2.39	ug/L		05/06/26 11:32	05/12/26 14:51	1
Pentachlorobenzene	<10.9		10.9	3.04	ug/L		05/06/26 11:32	05/12/26 14:51	1
Pentachloronitrobenzene	<10.9		10.9	6.30	ug/L		05/06/26 11:32	05/12/26 14:51	1
Pentachlorophenol	<10.9		10.9	10.4	ug/L		05/06/26 11:32	05/12/26 14:51	1
Phenacetin	<10.9		10.9	2.07	ug/L		05/06/26 11:32	05/12/26 14:51	1
Phenanthrene	<10.9		10.9	0.859	ug/L		05/06/26 11:32	05/12/26 14:51	1
Phenol	<10.9		10.9	1.20	ug/L		05/06/26 11:32	05/12/26 14:51	1
1,4-phenylenediamine	<10.9		10.9	2.07	ug/L		05/06/26 11:32	05/18/26 14:16	1
Phorate	<10.9		10.9	3.48	ug/L		05/06/26 11:32	05/12/26 14:51	1

Client Sample ID: MW-205A
Date Collected: 05/04/26 09:15
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-14
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pronamide	<10.9		10.9	2.93	ug/L		05/06/26 11:32	05/12/26 14:51	1
Pyrene	<10.9		10.9	0.859	ug/L		05/06/26 11:32	05/12/26 14:51	1
Safrole	<10.9		10.9	3.04	ug/L		05/06/26 11:32	05/12/26 14:51	1
1,2,4,5-Tetrachlorobenzene	<10.9		10.9	0.587	ug/L		05/06/26 11:32	05/12/26 14:51	1
2,3,4,6-Tetrachlorophenol	<10.9		10.9	5.76	ug/L		05/06/26 11:32	05/12/26 14:51	1
Thionazin	<10.9		10.9	3.80	ug/L		05/06/26 11:32	05/12/26 14:51	1
2,4,5-Trichlorophenol	<10.9		10.9	5.76	ug/L		05/06/26 11:32	05/12/26 14:51	1
2,4,6-Trichlorophenol	<10.9		10.9	5.43	ug/L		05/06/26 11:32	05/12/26 14:51	1
1,3,5-Trinitrobenzene	<10.9		10.9	2.50	ug/L		05/06/26 11:32	05/12/26 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*33 - 126*	*05/06/26 11:32*	*05/12/26 14:51*	*1*
2-Fluorophenol (Surr)	*62*		*21 - 110*	*05/06/26 11:32*	*05/12/26 14:51*	*1*
Nitrobenzene-d5 (Surr)	*79*		*39 - 140*	*05/06/26 11:32*	*05/12/26 14:51*	*1*
Phenol-d5 (Surr)	*52*		*21 - 110*	*05/06/26 11:32*	*05/12/26 14:51*	*1*
Terphenyl-d14 (Surr)	*84*		*13 - 150*	*05/06/26 11:32*	*05/12/26 14:51*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*20 - 144*	*05/06/26 11:32*	*05/12/26 14:51*	*1*

Method: SW846 8015C - Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	<10.0		10.0	2.60	mg/L			05/13/26 21:02	1
Isobutanol	<10.0		10.0	2.40	mg/L			05/13/26 21:02	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.87		1.87	0.766	ug/L		05/14/26 10:56	05/14/26 18:37	1
PCB-1221	<1.87		1.87	0.766	ug/L		05/14/26 10:56	05/14/26 18:37	1
PCB-1232	<1.87		1.87	0.766	ug/L		05/14/26 10:56	05/14/26 18:37	1
PCB-1242	<1.87		1.87	0.766	ug/L		05/14/26 10:56	05/14/26 18:37	1
PCB-1248	<1.87		1.87	0.645	ug/L		05/14/26 10:56	05/14/26 18:37	1
PCB-1254	<1.87		1.87	0.645	ug/L		05/14/26 10:56	05/14/26 18:37	1
PCB-1260	<1.87		1.87	0.645	ug/L		05/14/26 10:56	05/14/26 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*80*		*10 - 150*	*05/14/26 10:56*	*05/14/26 18:37*	*1*
Tetrachloro-m-xylene	*55*		*17 - 150*	*05/14/26 10:56*	*05/14/26 18:37*	*1*

Method: SW846 8321B - Herbicides (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.100		0.100	0.0800	ug/L		05/11/26 09:56	05/11/26 15:13	1
Silvex (2,4,5-TP)	<0.100		0.100	0.0300	ug/L		05/11/26 09:56	05/11/26 15:13	1
2,4,5-T	<0.100		0.100	0.0400	ug/L		05/11/26 09:56	05/11/26 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*95*		*70 - 130*	*05/11/26 09:56*	*05/11/26 15:13*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 20:27	1
Arsenic	**0.00234**		0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:27	1
Barium	**0.245**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:27	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-205A

Date Collected: 05/04/26 09:15
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-14

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 20:27	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 20:27	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 20:27	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:27	1
Copper	**0.000735**	**J**	0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:27	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:27	1
Nickel	**0.00144**	**J**	0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:27	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 20:27	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 20:27	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 20:27	1
Tin	<0.00500		0.00500	0.00130	mg/L		05/12/26 14:20	05/13/26 20:27	1
Vanadium	**0.000862**		0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 20:27	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 20:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.200		0.200	0.0760	ug/L		05/14/26 12:30	05/15/26 12:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.0100		0.0100	0.00350	mg/L		05/11/26 08:47	05/11/26 22:29	1
Sulfide (SW846 9034)	<1.00		1.00	0.231	mg/L			05/11/26 13:22	1
Total Suspended Solids (USGS I-3765-85)	**30.5**		7.50	4.20	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-18AR
Date Collected: 05/05/26 07:35
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-15
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/11/26 16:13	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/11/26 16:13	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/11/26 16:13	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/11/26 16:13	1
1,1-Dichloroethane	**0.961**	**J**	1.00	0.400	ug/L			05/11/26 16:13	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/11/26 16:13	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/11/26 16:13	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/11/26 16:13	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/11/26 16:13	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/11/26 16:13	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/11/26 16:13	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/11/26 16:13	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/11/26 16:13	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/11/26 16:13	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/11/26 16:13	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/11/26 16:13	1
Acetone	<10.0		10.0	3.80	ug/L			05/11/26 16:13	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/11/26 16:13	1
Benzene	<0.500		0.500	0.220	ug/L			05/11/26 16:13	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/11/26 16:13	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/11/26 16:13	1
Bromoform	<5.00		5.00	2.60	ug/L			05/11/26 16:13	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/11/26 16:13	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/11/26 16:13	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/11/26 16:13	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/11/26 16:13	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/11/26 16:13	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/11/26 16:13	1
Chloroform	<3.00		3.00	1.30	ug/L			05/11/26 16:13	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/11/26 16:13	1
cis-1,2-Dichloroethene	**1.67**		1.00	0.550	ug/L			05/11/26 16:13	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/11/26 16:13	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/11/26 16:13	1
Dichlorodifluoromethane	**8.80**		3.00	0.850	ug/L			05/11/26 16:13	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/11/26 16:13	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/11/26 16:13	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/11/26 16:13	1
Styrene	<1.00		1.00	0.370	ug/L			05/11/26 16:13	1
Tetrachloroethene	**4.42**		1.00	0.480	ug/L			05/11/26 16:13	1
Toluene	<1.00		1.00	0.430	ug/L			05/11/26 16:13	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/11/26 16:13	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/11/26 16:13	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/11/26 16:13	1
Trichloroethene	**1.37**		1.00	0.350	ug/L			05/11/26 16:13	1
Trichlorofluoromethane	**3.46**	**J**	4.00	0.470	ug/L			05/11/26 16:13	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/11/26 16:13	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/11/26 16:13	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/11/26 16:13	1

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Client Sample ID: MW-18AR
Lab Sample ID: 310-331233-15

Date Collected: 05/05/26 07:35
Matrix: Water
Date Received: 05/05/26 16:40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*76 - 130*		*05/11/26 16:13*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/11/26 16:13*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*05/11/26 16:13*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.000284**	**J**	0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:29	1
Barium	**0.960**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:29	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:29	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:29	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:29	1
Nickel	**0.00138**	**J**	0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<5.00		5.00	2.80	mg/L			05/08/26 08:46	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-201A

Date Collected: 05/05/26 08:06
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-16

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 15:23	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 15:23	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 15:23	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 15:23	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 15:23	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 15:23	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 15:23	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 15:23	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 15:23	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 15:23	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 15:23	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 15:23	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 15:23	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 15:23	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 15:23	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 15:23	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 15:23	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 15:23	1
Benzene	**0.226**	**J**	0.500	0.220	ug/L			05/08/26 15:23	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 15:23	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 15:23	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 15:23	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 15:23	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 15:23	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 15:23	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 15:23	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 15:23	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 15:23	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 15:23	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 15:23	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 15:23	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 15:23	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 15:23	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 15:23	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 15:23	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 15:23	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 15:23	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 15:23	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 15:23	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 15:23	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 15:23	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 15:23	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 15:23	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 15:23	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 15:23	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 15:23	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*76 - 130*		*05/08/26 15:23*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-201A

Date Collected: 05/05/26 08:06
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-16

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/08/26 15:23*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*05/08/26 15:23*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.86		1.86	0.761	ug/L		05/14/26 10:56	05/14/26 18:50	1
PCB-1221	<1.86		1.86	0.761	ug/L		05/14/26 10:56	05/14/26 18:50	1
PCB-1232	<1.86		1.86	0.761	ug/L		05/14/26 10:56	05/14/26 18:50	1
PCB-1242	<1.86		1.86	0.761	ug/L		05/14/26 10:56	05/14/26 18:50	1
PCB-1248	<1.86		1.86	0.640	ug/L		05/14/26 10:56	05/14/26 18:50	1
PCB-1254	<1.86		1.86	0.640	ug/L		05/14/26 10:56	05/14/26 18:50	1
PCB-1260	<1.86		1.86	0.640	ug/L		05/14/26 10:56	05/14/26 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*75*		*10 - 150*	*05/14/26 10:56*	*05/14/26 18:50*	*1*
Tetrachloro-m-xylene	*51*		*17 - 150*	*05/14/26 10:56*	*05/14/26 18:50*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.000283**	**J**	0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:32	1
Barium	**0.211**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:32	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:32	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:32	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:32	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/07/26 10:44	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-408
Date Collected: 05/05/26 09:17
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 15:46	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 15:46	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 15:46	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 15:46	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 15:46	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 15:46	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 15:46	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 15:46	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 15:46	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 15:46	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 15:46	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 15:46	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 15:46	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 15:46	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 15:46	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 15:46	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 15:46	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 15:46	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 15:46	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 15:46	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 15:46	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 15:46	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 15:46	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 15:46	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 15:46	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 15:46	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 15:46	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 15:46	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 15:46	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 15:46	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 15:46	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 15:46	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 15:46	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 15:46	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 15:46	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 15:46	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 15:46	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 15:46	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 15:46	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 15:46	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 15:46	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 15:46	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 15:46	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 15:46	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 15:46	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 15:46	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*76 - 130*		*05/08/26 15:46*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-408

Date Collected: 05/05/26 09:17
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-17

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/08/26 15:46*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*05/08/26 15:46*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 20:35	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:35	1
Barium	**0.196**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:35	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 20:35	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 20:35	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 20:35	1
Cobalt	**0.000579**	**J**	0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:35	1
Copper	**0.000705**	**J**	0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:35	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:35	1
Nickel	**0.00253**		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:35	1
Selenium	**0.00298**		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 20:35	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 20:35	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 20:35	1
Vanadium	**0.00280**		0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 20:35	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 20:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**17.7**		5.00	2.80	mg/L			05/07/26 11:03	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-29A
Date Collected: 05/05/26 08:51
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 16:09	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 16:09	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 16:09	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 16:09	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 16:09	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 16:09	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 16:09	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 16:09	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 16:09	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 16:09	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 16:09	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 16:09	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 16:09	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 16:09	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 16:09	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 16:09	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 16:09	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 16:09	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 16:09	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 16:09	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 16:09	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 16:09	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 16:09	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 16:09	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 16:09	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 16:09	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 16:09	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 16:09	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 16:09	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 16:09	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 16:09	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 16:09	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 16:09	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 16:09	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 16:09	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 16:09	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 16:09	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 16:09	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 16:09	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 16:09	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 16:09	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 16:09	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 16:09	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 16:09	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 16:09	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 16:09	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*76 - 130*		*05/08/26 16:09*	*1*

Client Sample ID: MW-29A
Date Collected: 05/05/26 08:51
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/08/26 16:09*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*05/08/26 16:09*	*1*

Method: SW846 8321B - Herbicides (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.100		0.100	0.0300	ug/L		05/11/26 09:56	05/11/26 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*93*		*70 - 130*	*05/11/26 09:56*	*05/11/26 15:23*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.000420**	**J**	0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 20:38	1
Barium	**0.258**		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 20:38	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 20:38	1
Copper	**0.00161**	**J**	0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 20:38	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 20:38	1
Nickel	**0.00249**		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 20:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.75**	**J**	1.88	1.05	mg/L			05/07/26 11:03	1

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: TB-10
Date Collected: 05/05/26 00:00
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-19
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 10:25	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 10:25	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 10:25	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 10:25	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 10:25	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 10:25	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 10:25	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 10:25	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 10:25	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 10:25	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 10:25	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 10:25	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 10:25	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 10:25	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 10:25	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 10:25	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 10:25	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 10:25	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 10:25	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 10:25	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 10:25	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 10:25	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 10:25	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 10:25	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 10:25	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 10:25	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 10:25	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 10:25	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 10:25	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 10:25	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 10:25	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 10:25	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 10:25	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 10:25	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 10:25	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 10:25	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 10:25	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 10:25	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 10:25	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 10:25	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 10:25	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 10:25	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 10:25	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 10:25	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 10:25	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 10:25	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/08/26 10:25*	*1*

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Client Sample ID: TB-10
Lab Sample ID: 310-331233-19
Date Collected: 05/05/26 00:00
Matrix: Water
Date Received: 05/05/26 16:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/26 10:25*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/08/26 10:25*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: TB-7
Date Collected: 05/05/26 00:00
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-20
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 10:48	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 10:48	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 10:48	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 10:48	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 10:48	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 10:48	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 10:48	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 10:48	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 10:48	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 10:48	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 10:48	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 10:48	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 10:48	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 10:48	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 10:48	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 10:48	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 10:48	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 10:48	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 10:48	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 10:48	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 10:48	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 10:48	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 10:48	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 10:48	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 10:48	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 10:48	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 10:48	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 10:48	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 10:48	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 10:48	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 10:48	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 10:48	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 10:48	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 10:48	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 10:48	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 10:48	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 10:48	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 10:48	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 10:48	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 10:48	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 10:48	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 10:48	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 10:48	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 10:48	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 10:48	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 10:48	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 10:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/08/26 10:48*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: TB-7
Date Collected: 05/05/26 00:00
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-20
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/26 10:48*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*05/08/26 10:48*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: TB-9
Date Collected: 05/05/26 00:00
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-21
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 11:11	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 11:11	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 11:11	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 11:11	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 11:11	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 11:11	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 11:11	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 11:11	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 11:11	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 11:11	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 11:11	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 11:11	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 11:11	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 11:11	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 11:11	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 11:11	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 11:11	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 11:11	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 11:11	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 11:11	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 11:11	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 11:11	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 11:11	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 11:11	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 11:11	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 11:11	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 11:11	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 11:11	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 11:11	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 11:11	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 11:11	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 11:11	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 11:11	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 11:11	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 11:11	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 11:11	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 11:11	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 11:11	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 11:11	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 11:11	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 11:11	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 11:11	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 11:11	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 11:11	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 11:11	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 11:11	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*101*		*76 - 130*		*05/08/26 11:11*	*1*

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Client Sample ID: TB-9
Lab Sample ID: 310-331233-21
Date Collected: 05/05/26 00:00
Matrix: Water
Date Received: 05/05/26 16:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/08/26 11:11*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/08/26 11:11*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: TB-1
Date Collected: 05/05/26 00:00
Date Received: 05/05/26 16:40

Lab Sample ID: 310-331233-22
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 11:34	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 11:34	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 11:34	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 11:34	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 11:34	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 11:34	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 11:34	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 11:34	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 11:34	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 11:34	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 11:34	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 11:34	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 11:34	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 11:34	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 11:34	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 11:34	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 11:34	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 11:34	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 11:34	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 11:34	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 11:34	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 11:34	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 11:34	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 11:34	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 11:34	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 11:34	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 11:34	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 11:34	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 11:34	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 11:34	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 11:34	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 11:34	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 11:34	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 11:34	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 11:34	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 11:34	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 11:34	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 11:34	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 11:34	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 11:34	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 11:34	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 11:34	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 11:34	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 11:34	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 11:34	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 11:34	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*05/08/26 11:34*	*1*

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Client Sample ID: TB-1
Lab Sample ID: 310-331233-22
Date Collected: 05/05/26 00:00
Matrix: Water
Date Received: 05/05/26 16:40

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/08/26 11:34*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*05/08/26 11:34*	*1*

Definitions/Glossary

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(76-130)	(80-120)	(80-120)
310-331233-1	WT-OF	104	98	104
310-331233-1 MS	WT-OF	96	103	97
310-331233-1 MSD	WT-OF	97	102	98
310-331233-2	WT-3	105	97	102
310-331233-3	WT-1	103	100	106
310-331233-4	WT-4	107	98	103
310-331233-5	WT-2	104	97	101
310-331233-6	MW-39B	104	98	105
310-331233-7	MW-1B	104	98	104
310-331233-8	MW-10B	104	98	106
310-331233-9	MW-310A	107	99	99
310-331233-9	MW-310A	101	97	100
310-331233-10	MW-200A	104	98	103
310-331233-11	MW-312A	103	99	104
310-331233-13	MW-11B	102	97	101
310-331233-14	MW-205A	103	99	100
310-331233-14	MW-205A	105	97	100
310-331233-15	MW-18AR	102	97	102
310-331233-16	MW-201A	102	99	103
310-331233-17	MW-408	102	99	105
310-331233-18	MW-29A	102	100	104
310-331233-19	TB-10	104	98	106
310-331233-20	TB-7	104	98	102
310-331233-21	TB-9	101	98	106
310-331233-22	TB-1	103	99	102
LCS 310-488256/6	Lab Control Sample	100	101	98
LCS 310-488256/7	Lab Control Sample	105	99	103
LCS 310-488258/6	Lab Control Sample	97	101	99
LCS 310-488258/7	Lab Control Sample	107	99	104
LCS 310-488575/6	Lab Control Sample	97	97	94
LCS 310-488575/7	Lab Control Sample	106	97	101
MB 310-488256/5	Method Blank	107	100	106
MB 310-488258/5	Method Blank	104	100	106
MB 310-488575/5	Method Blank	103	97	102

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Organochlorine Pesticides by GC-MS/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(13-150)	(22-150)	(10-150)
310-331233-14	MW-205A	111	99 I	97

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)

Surrogate Summary

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	FBP	TPHL	2FP	PHL	TBP
Lab Sample ID	Client Sample ID	(39-140)	(33-126)	(13-150)	(21-110)	(21-110)	(20-144)
310-331233-12	MW-12B	87	88	42			
310-331233-14	MW-205A	79	89	84	62	52	88
LCS 310-488095/2-A	Lab Control Sample	69	67	77	59	53	84
LCSD 310-488095/3-A	Lab Control Sample Dup	53	57	65	46	35	70
MB 310-488095/1-A	Method Blank	64	63	66	59	45	81

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TPHL = Terphenyl-d14 (Surr)
2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB1	TCX1
Lab Sample ID	Client Sample ID	(10-150)	(17-150)
310-331233-14	MW-205A	80	55
310-331233-16	MW-201A	75	51
LCS 310-488968/2-A	Lab Control Sample	50	60
MB 310-488968/1-A	Method Blank	45	56 p

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: 8321B - Herbicides (LC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		DCPAA
Lab Sample ID	Client Sample ID	(70-130)
310-331233-14	MW-205A	95
310-331233-18	MW-29A	93
LCS 410-815241/2-A	Lab Control Sample	103
MB 410-815241/1-A	Method Blank	99

Surrogate Legend

DCPAA = DCAA

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-488256/5
Matrix: Water
Analysis Batch: 488256

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/07/26 22:13	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/07/26 22:13	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/07/26 22:13	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/07/26 22:13	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/07/26 22:13	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/07/26 22:13	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/07/26 22:13	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/07/26 22:13	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/07/26 22:13	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/07/26 22:13	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/07/26 22:13	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/07/26 22:13	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/07/26 22:13	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/07/26 22:13	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/07/26 22:13	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/07/26 22:13	1
Acetone	<10.0		10.0	3.80	ug/L			05/07/26 22:13	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/07/26 22:13	1
Benzene	<0.500		0.500	0.220	ug/L			05/07/26 22:13	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/07/26 22:13	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/07/26 22:13	1
Bromoform	<5.00		5.00	2.60	ug/L			05/07/26 22:13	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/07/26 22:13	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/07/26 22:13	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/07/26 22:13	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/07/26 22:13	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/07/26 22:13	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/07/26 22:13	1
Chloroform	<3.00		3.00	1.30	ug/L			05/07/26 22:13	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/07/26 22:13	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/07/26 22:13	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/07/26 22:13	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/07/26 22:13	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/07/26 22:13	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/07/26 22:13	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/07/26 22:13	1
Styrene	<1.00		1.00	0.370	ug/L			05/07/26 22:13	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/07/26 22:13	1
Toluene	<1.00		1.00	0.430	ug/L			05/07/26 22:13	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/07/26 22:13	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/07/26 22:13	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/07/26 22:13	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/07/26 22:13	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/07/26 22:13	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/07/26 22:13	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/07/26 22:13	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/07/26 22:13	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-488256/5
Matrix: Water
Analysis Batch: 488256

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*107*		*76 - 130*		*05/07/26 22:13*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/07/26 22:13*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/07/26 22:13*	*1*

Lab Sample ID: LCS 310-488256/6
Matrix: Water
Analysis Batch: 488256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	18.68		ug/L		93	70 - 121
1,1,1-Trichloroethane	20.0	17.21		ug/L		86	69 - 130
1,1,2,2-Tetrachloroethane	20.0	20.51		ug/L		103	70 - 122
1,1,2-Trichloroethane	20.0	19.51		ug/L		98	75 - 121
1,1-Dichloroethane	20.0	18.21		ug/L		91	69 - 127
1,1-Dichloroethene	20.0	17.60		ug/L		88	64 - 134
1,2,3-Trichloropropane	20.0	21.54		ug/L		108	70 - 122
1,2-Dibromo-3-Chloropropane	20.0	20.99		ug/L		105	62 - 132
1,2-Dibromoethane (EDB)	20.0	19.45		ug/L		97	74 - 122
1,2-Dichlorobenzene	20.0	19.39		ug/L		97	74 - 120
1,2-Dichloroethane	20.0	18.43		ug/L		92	68 - 125
1,2-Dichloropropane	20.0	18.00		ug/L		90	72 - 128
1,4-Dichlorobenzene	20.0	18.97		ug/L		95	72 - 120
2-Butanone (MEK)	40.0	37.68		ug/L		94	60 - 134
2-Hexanone	40.0	39.62		ug/L		99	62 - 139
4-Methyl-2-pentanone (MIBK)	40.0	39.11		ug/L		98	62 - 136
Acetone	40.0	37.25		ug/L		93	59 - 136
Acrylonitrile	200	185.3		ug/L		93	50 - 150
Benzene	20.0	17.71		ug/L		89	71 - 125
Bromochloromethane	20.0	19.22		ug/L		96	69 - 131
Bromodichloromethane	20.0	17.31		ug/L		87	70 - 122
Bromoform	20.0	17.82		ug/L		89	62 - 122
Carbon disulfide	20.0	16.95		ug/L		85	58 - 137
Carbon tetrachloride	20.0	16.69		ug/L		83	63 - 136
Chlorobenzene	20.0	18.74		ug/L		94	74 - 120
Chlorodibromomethane	20.0	18.02		ug/L		90	69 - 121
Chloroform	20.0	17.60		ug/L		88	72 - 122
cis-1,2-Dichloroethene	20.0	17.76		ug/L		89	72 - 123
cis-1,3-Dichloropropene	20.0	17.77		ug/L		89	72 - 123
Dibromomethane	20.0	18.77		ug/L		94	72 - 122
Ethylbenzene	20.0	18.48		ug/L		92	75 - 120
Iodomethane	20.0	19.09		ug/L		95	18 - 150
Methylene Chloride	20.0	18.61		ug/L		93	72 - 128
Styrene	20.0	18.80		ug/L		94	74 - 122
Tetrachloroethene	20.0	17.99		ug/L		90	70 - 128
Toluene	20.0	18.41		ug/L		92	74 - 120
trans-1,2-Dichloroethene	20.0	16.59		ug/L		83	67 - 127
trans-1,3-Dichloropropene	20.0	17.91		ug/L		90	67 - 123
trans-1,4-Dichloro-2-butene	20.0	20.19		ug/L		101	50 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-488256/6
Matrix: Water
Analysis Batch: 488256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Trichloroethene			20.0	17.64		ug/L		88	70 - 128		
Vinyl acetate			40.0	33.39		ug/L		83	50 - 150		
Xylenes, Total			40.0	37.20		ug/L		93	74 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*76 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: LCS 310-488256/7
Matrix: Water
Analysis Batch: 488256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromomethane			20.0	17.71		ug/L		89	33 - 138		
Chloroethane			20.0	20.27		ug/L		101	59 - 139		
Chloromethane			20.0	19.80		ug/L		99	52 - 146		
Trichlorofluoromethane			20.0	18.36		ug/L		92	55 - 150		
Vinyl chloride			20.0	20.73		ug/L		104	60 - 142		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*105*		*76 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*

Lab Sample ID: 310-331233-1 MS
Matrix: Water
Analysis Batch: 488256

Client Sample ID: WT-OF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1,2-Tetrachloroethane	<1.00		20.0	17.83		ug/L		89	55 - 121		
1,1,1-Trichloroethane	<1.00		20.0	15.68		ug/L		78	53 - 130		
1,1,2,2-Tetrachloroethane	<1.00		20.0	19.35		ug/L		97	55 - 123		
1,1,2-Trichloroethane	<1.00		20.0	19.12		ug/L		96	60 - 121		
1,1-Dichloroethane	<1.00		20.0	17.43		ug/L		87	53 - 127		
1,1-Dichloroethene	<2.00		20.0	16.48		ug/L		82	51 - 134		
1,2,3-Trichloropropane	<1.00		20.0	19.88		ug/L		99	56 - 122		
1,2-Dibromo-3-Chloropropane	<1.20		20.0	19.06		ug/L		95	44 - 138		
1,2-Dibromoethane (EDB)	<0.340		20.0	18.24		ug/L		91	60 - 122		
1,2-Dichlorobenzene	<1.00		20.0	19.08		ug/L		95	60 - 120		
1,2-Dichloroethane	<1.00		20.0	17.31		ug/L		87	48 - 128		
1,2-Dichloropropane	<1.00		20.0	17.87		ug/L		89	59 - 128		
1,4-Dichlorobenzene	<1.00		20.0	18.63		ug/L		93	58 - 120		
2-Butanone (MEK)	<10.0		40.0	34.28		ug/L		86	46 - 134		
2-Hexanone	<10.0		40.0	36.51		ug/L		91	46 - 141		
4-Methyl-2-pentanone (MIBK)	<10.0		40.0	37.12		ug/L		93	49 - 138		
Acetone	<10.0		40.0	35.27		ug/L		88	39 - 141		
Acrylonitrile	<5.00		200	177.4		ug/L		89	41 - 150		

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-331233-1 MS
Matrix: Water
Analysis Batch: 488256

Client Sample ID: WT-OF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.500		20.0	17.09		ug/L		85	48 - 125
Bromochloromethane	<5.00		20.0	18.01		ug/L		90	55 - 131
Bromodichloromethane	<1.00		20.0	16.42		ug/L		82	53 - 122
Bromoform	<5.00		20.0	16.43		ug/L		82	47 - 122
Carbon disulfide	<1.00		20.0	16.81		ug/L		84	45 - 137
Carbon tetrachloride	<2.00		20.0	15.00		ug/L		75	45 - 136
Chlorobenzene	<1.00		20.0	18.01		ug/L		90	59 - 120
Chlorodibromomethane	<5.00		20.0	16.93		ug/L		85	53 - 121
Chloroform	<3.00		20.0	16.62		ug/L		83	52 - 122
cis-1,2-Dichloroethene	<1.00		20.0	16.85		ug/L		84	51 - 123
cis-1,3-Dichloropropene	<5.00		20.0	16.92		ug/L		85	55 - 123
Dibromomethane	<1.00		20.0	17.87		ug/L		89	57 - 122
Ethylbenzene	<1.00		20.0	17.69		ug/L		88	53 - 120
Iodomethane	<10.0		20.0	16.06		ug/L		80	18 - 150
Methylene Chloride	<5.00		20.0	17.75		ug/L		89	59 - 128
Styrene	<1.00		20.0	17.96		ug/L		90	50 - 125
Tetrachloroethene	<1.00		20.0	16.70		ug/L		84	51 - 128
Toluene	<1.00		20.0	17.69		ug/L		88	52 - 120
trans-1,2-Dichloroethene	<1.00		20.0	15.97		ug/L		80	53 - 127
trans-1,3-Dichloropropene	<5.00		20.0	16.79		ug/L		84	50 - 123
trans-1,4-Dichloro-2-butene	<10.0		20.0	18.91		ug/L		95	28 - 150
Trichloroethene	<1.00		20.0	16.65		ug/L		83	50 - 128
Vinyl acetate	<10.0		40.0	28.65		ug/L		72	31 - 150
Xylenes, Total	<3.00		40.0	35.59		ug/L		89	50 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*76 - 130*
Toluene-d8 (Surr)	*103*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*

Lab Sample ID: 310-331233-1 MSD
Matrix: Water
Analysis Batch: 488256

Client Sample ID: WT-OF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<1.00		20.0	17.67		ug/L		88	55 - 121	1	20
1,1,1-Trichloroethane	<1.00		20.0	15.48		ug/L		77	53 - 130	1	20
1,1,2,2-Tetrachloroethane	<1.00		20.0	19.51		ug/L		98	55 - 123	1	20
1,1,2-Trichloroethane	<1.00		20.0	19.30		ug/L		97	60 - 121	1	20
1,1-Dichloroethane	<1.00		20.0	16.77		ug/L		84	53 - 127	4	20
1,1-Dichloroethene	<2.00		20.0	16.19		ug/L		81	51 - 134	2	20
1,2,3-Trichloropropane	<1.00		20.0	20.22		ug/L		101	56 - 122	2	21
1,2-Dibromo-3-Chloropropane	<1.20		20.0	19.09		ug/L		95	44 - 138	0	24
1,2-Dibromoethane (EDB)	<0.340		20.0	18.43		ug/L		92	60 - 122	1	20
1,2-Dichlorobenzene	<1.00		20.0	18.83		ug/L		94	60 - 120	1	20
1,2-Dichloroethane	<1.00		20.0	17.44		ug/L		87	48 - 128	1	20
1,2-Dichloropropane	<1.00		20.0	17.28		ug/L		86	59 - 128	3	20
1,4-Dichlorobenzene	<1.00		20.0	18.79		ug/L		94	58 - 120	1	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-331233-1 MSD
Matrix: Water
Analysis Batch: 488256

Client Sample ID: WT-OF
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	<10.0		40.0	35.74		ug/L		89	46 - 134	4	23
2-Hexanone	<10.0		40.0	37.37		ug/L		93	46 - 141	2	20
4-Methyl-2-pentanone (MIBK)	<10.0		40.0	37.80		ug/L		94	49 - 138	2	20
Acetone	<10.0		40.0	35.44		ug/L		89	39 - 141	0	23
Acrylonitrile	<5.00		200	175.8		ug/L		88	41 - 150	1	20
Benzene	<0.500		20.0	16.62		ug/L		83	48 - 125	3	20
Bromochloromethane	<5.00		20.0	17.39		ug/L		87	55 - 131	4	21
Bromodichloromethane	<1.00		20.0	16.41		ug/L		82	53 - 122	0	20
Bromoform	<5.00		20.0	16.89		ug/L		84	47 - 122	3	20
Carbon disulfide	<1.00		20.0	15.47		ug/L		77	45 - 137	8	24
Carbon tetrachloride	<2.00		20.0	14.84		ug/L		74	45 - 136	1	20
Chlorobenzene	<1.00		20.0	17.83		ug/L		89	59 - 120	1	20
Chlorodibromomethane	<5.00		20.0	16.98		ug/L		85	53 - 121	0	20
Chloroform	<3.00		20.0	16.43		ug/L		82	52 - 122	1	20
cis-1,2-Dichloroethene	<1.00		20.0	16.38		ug/L		82	51 - 123	3	20
cis-1,3-Dichloropropene	<5.00		20.0	16.62		ug/L		83	55 - 123	2	20
Dibromomethane	<1.00		20.0	17.69		ug/L		88	57 - 122	1	20
Ethylbenzene	<1.00		20.0	17.49		ug/L		87	53 - 120	1	20
Iodomethane	<10.0		20.0	17.08		ug/L		85	18 - 150	6	32
Methylene Chloride	<5.00		20.0	17.25		ug/L		86	59 - 128	3	20
Styrene	<1.00		20.0	18.01		ug/L		90	50 - 125	0	20
Tetrachloroethene	<1.00		20.0	16.42		ug/L		82	51 - 128	2	20
Toluene	<1.00		20.0	17.23		ug/L		86	52 - 120	3	20
trans-1,2-Dichloroethene	<1.00		20.0	15.62		ug/L		78	53 - 127	2	20
trans-1,3-Dichloropropene	<5.00		20.0	16.76		ug/L		84	50 - 123	0	20
trans-1,4-Dichloro-2-butene	<10.0		20.0	18.89		ug/L		94	28 - 150	0	24
Trichloroethene	<1.00		20.0	16.13		ug/L		81	50 - 128	3	20
Vinyl acetate	<10.0		40.0	30.39		ug/L		76	31 - 150	6	25
Xylenes, Total	<3.00		40.0	34.85		ug/L		87	50 - 122	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*76 - 130*
Toluene-d8 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 310-488258/5
Matrix: Water
Analysis Batch: 488258

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/08/26 09:16	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/08/26 09:16	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/08/26 09:16	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/08/26 09:16	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/08/26 09:16	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/08/26 09:16	1
1,1-Dichloropropene	<1.00		1.00	0.410	ug/L			05/08/26 09:16	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/08/26 09:16	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-488258/5
Matrix: Water
Analysis Batch: 488258

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<5.00		5.00	1.90	ug/L			05/08/26 09:16	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/08/26 09:16	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/08/26 09:16	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/08/26 09:16	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/08/26 09:16	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/08/26 09:16	1
1,3-Dichlorobenzene	<1.00		1.00	0.470	ug/L			05/08/26 09:16	1
1,3-Dichloropropane	<1.00		1.00	0.390	ug/L			05/08/26 09:16	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/08/26 09:16	1
2,2-Dichloropropane	<4.00		4.00	0.690	ug/L			05/08/26 09:16	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/08/26 09:16	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/08/26 09:16	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/08/26 09:16	1
Acetone	<10.0		10.0	3.80	ug/L			05/08/26 09:16	1
Acrolein	<10.0		10.0	3.60	ug/L			05/08/26 09:16	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/08/26 09:16	1
Allyl chloride	<2.00		2.00	0.700	ug/L			05/08/26 09:16	1
Benzene	<0.500		0.500	0.220	ug/L			05/08/26 09:16	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/08/26 09:16	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/08/26 09:16	1
Bromoform	<5.00		5.00	2.60	ug/L			05/08/26 09:16	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/08/26 09:16	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/08/26 09:16	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/08/26 09:16	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/08/26 09:16	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/08/26 09:16	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/08/26 09:16	1
Chloroform	<3.00		3.00	1.30	ug/L			05/08/26 09:16	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/08/26 09:16	1
Chloroprene	<1.00		1.00	0.320	ug/L			05/08/26 09:16	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/08/26 09:16	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/08/26 09:16	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/08/26 09:16	1
Dichlorodifluoromethane	<3.00		3.00	0.850	ug/L			05/08/26 09:16	1
Ethyl methacrylate	<2.00		2.00	0.630	ug/L			05/08/26 09:16	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/08/26 09:16	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/08/26 09:16	1
Methacrylonitrile	<10.0		10.0	3.30	ug/L			05/08/26 09:16	1
Methyl methacrylate	<2.00		2.00	0.760	ug/L			05/08/26 09:16	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/08/26 09:16	1
Naphthalene	<5.00		5.00	1.80	ug/L			05/08/26 09:16	1
Propionitrile	<10.0		10.0	3.40	ug/L			05/08/26 09:16	1
Styrene	<1.00		1.00	0.370	ug/L			05/08/26 09:16	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/08/26 09:16	1
Toluene	<1.00		1.00	0.430	ug/L			05/08/26 09:16	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/08/26 09:16	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/08/26 09:16	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/08/26 09:16	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/08/26 09:16	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-488258/5
Matrix: Water
Analysis Batch: 488258

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/08/26 09:16	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/08/26 09:16	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/08/26 09:16	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/08/26 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/08/26 09:16*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/08/26 09:16*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/08/26 09:16*	*1*

Lab Sample ID: LCS 310-488258/6
Matrix: Water
Analysis Batch: 488258

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	18.20		ug/L		91	70 - 121
1,1,1-Trichloroethane	20.0	16.51		ug/L		83	69 - 130
1,1,2,2-Tetrachloroethane	20.0	19.60		ug/L		98	70 - 122
1,1,2-Trichloroethane	20.0	19.38		ug/L		97	75 - 121
1,1-Dichloroethane	20.0	17.86		ug/L		89	69 - 127
1,1-Dichloroethene	20.0	17.04		ug/L		85	64 - 134
1,1-Dichloropropene	20.0	16.75		ug/L		84	70 - 133
1,2,3-Trichloropropane	20.0	20.30		ug/L		101	70 - 122
1,2,4-Trichlorobenzene	20.0	17.35		ug/L		87	69 - 125
1,2-Dibromo-3-Chloropropane	20.0	19.60		ug/L		98	62 - 132
1,2-Dibromoethane (EDB)	20.0	18.67		ug/L		93	74 - 122
1,2-Dichlorobenzene	20.0	19.08		ug/L		95	74 - 120
1,2-Dichloroethane	20.0	18.09		ug/L		90	68 - 125
1,2-Dichloropropane	20.0	18.15		ug/L		91	72 - 128
1,3-Dichlorobenzene	20.0	18.41		ug/L		92	71 - 120
1,3-Dichloropropane	20.0	19.40		ug/L		97	72 - 125
1,4-Dichlorobenzene	20.0	18.51		ug/L		93	72 - 120
2,2-Dichloropropane	20.0	13.32		ug/L		67	51 - 146
2-Butanone (MEK)	40.0	35.88		ug/L		90	60 - 134
2-Hexanone	40.0	37.01		ug/L		93	62 - 139
4-Methyl-2-pentanone (MIBK)	40.0	37.01		ug/L		93	62 - 136
Acetone	40.0	36.50		ug/L		91	59 - 136
Acrolein	94.8	71.93		ug/L		76	50 - 150
Acrylonitrile	200	187.6		ug/L		94	50 - 150
Allyl chloride	20.0	17.12		ug/L		86	61 - 136
Benzene	20.0	17.52		ug/L		88	71 - 125
Bromochloromethane	20.0	18.62		ug/L		93	69 - 131
Bromodichloromethane	20.0	16.98		ug/L		85	70 - 122
Bromoform	20.0	17.09		ug/L		85	62 - 122
Carbon disulfide	20.0	16.38		ug/L		82	58 - 137
Carbon tetrachloride	20.0	15.92		ug/L		80	63 - 136
Chlorobenzene	20.0	18.05		ug/L		90	74 - 120
Chlorodibromomethane	20.0	17.22		ug/L		86	69 - 121

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-488258/6
Matrix: Water
Analysis Batch: 488258

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	20.0	17.14		ug/L		86	72 - 122
Chloroprene	20.0	16.39		ug/L		82	67 - 136
cis-1,2-Dichloroethene	20.0	17.25		ug/L		86	72 - 123
cis-1,3-Dichloropropene	20.0	16.89		ug/L		84	72 - 123
Dibromomethane	20.0	18.30		ug/L		91	72 - 122
Ethyl methacrylate	20.0	18.92		ug/L		95	68 - 128
Ethylbenzene	20.0	17.83		ug/L		89	75 - 120
Iodomethane	20.0	16.72		ug/L		84	18 - 150
Methacrylonitrile	200	181.5		ug/L		91	67 - 128
Methyl methacrylate	40.0	36.98		ug/L		92	69 - 129
Methylene Chloride	20.0	18.88		ug/L		94	72 - 128
Naphthalene	20.0	17.60		ug/L		88	69 - 126
Propionitrile	200	197.1		ug/L		99	68 - 131
Styrene	20.0	18.03		ug/L		90	74 - 122
Tetrachloroethene	20.0	16.83		ug/L		84	70 - 128
Toluene	20.0	17.97		ug/L		90	74 - 120
trans-1,2-Dichloroethene	20.0	16.35		ug/L		82	67 - 127
trans-1,3-Dichloropropene	20.0	17.05		ug/L		85	67 - 123
trans-1,4-Dichloro-2-butene	20.0	18.55		ug/L		93	50 - 150
Trichloroethene	20.0	17.69		ug/L		88	70 - 128
Vinyl acetate	40.0	29.63		ug/L		74	50 - 150
Xylenes, Total	40.0	35.48		ug/L		89	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*76 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Lab Sample ID: LCS 310-488258/7
Matrix: Water
Analysis Batch: 488258

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	17.92		ug/L		90	33 - 138
Chloroethane	20.0	20.47		ug/L		102	59 - 139
Chloromethane	20.0	21.30		ug/L		106	52 - 146
Dichlorodifluoromethane	20.0	14.97		ug/L		75	45 - 150
Trichlorofluoromethane	20.0	18.38		ug/L		92	55 - 150
Vinyl chloride	20.0	21.35		ug/L		107	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*107*		*76 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-488575/5
Matrix: Water
Analysis Batch: 488575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/11/26 13:10	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/11/26 13:10	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/11/26 13:10	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/11/26 13:10	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/11/26 13:10	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/11/26 13:10	1
1,1-Dichloropropene	<1.00		1.00	0.410	ug/L			05/11/26 13:10	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/11/26 13:10	1
1,2,4-Trichlorobenzene	<5.00		5.00	1.90	ug/L			05/11/26 13:10	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/11/26 13:10	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/11/26 13:10	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/11/26 13:10	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/11/26 13:10	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/11/26 13:10	1
1,3-Dichlorobenzene	<1.00		1.00	0.470	ug/L			05/11/26 13:10	1
1,3-Dichloropropane	<1.00		1.00	0.390	ug/L			05/11/26 13:10	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/11/26 13:10	1
2,2-Dichloropropane	<4.00		4.00	0.690	ug/L			05/11/26 13:10	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/11/26 13:10	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/11/26 13:10	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/11/26 13:10	1
Acetone	<10.0		10.0	3.80	ug/L			05/11/26 13:10	1
Acrolein	<10.0		10.0	3.60	ug/L			05/11/26 13:10	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/11/26 13:10	1
Allyl chloride	<2.00		2.00	0.700	ug/L			05/11/26 13:10	1
Benzene	<0.500		0.500	0.220	ug/L			05/11/26 13:10	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/11/26 13:10	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/11/26 13:10	1
Bromoform	<5.00		5.00	2.60	ug/L			05/11/26 13:10	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/11/26 13:10	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/11/26 13:10	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/11/26 13:10	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/11/26 13:10	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/11/26 13:10	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/11/26 13:10	1
Chloroform	<3.00		3.00	1.30	ug/L			05/11/26 13:10	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/11/26 13:10	1
Chloroprene	<1.00		1.00	0.320	ug/L			05/11/26 13:10	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/11/26 13:10	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/11/26 13:10	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/11/26 13:10	1
Dichlorodifluoromethane	<3.00		3.00	0.850	ug/L			05/11/26 13:10	1
Ethyl methacrylate	<2.00		2.00	0.630	ug/L			05/11/26 13:10	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/11/26 13:10	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/11/26 13:10	1
Methacrylonitrile	<10.0		10.0	3.30	ug/L			05/11/26 13:10	1
Methyl methacrylate	<2.00		2.00	0.760	ug/L			05/11/26 13:10	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/11/26 13:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-488575/5
Matrix: Water
Analysis Batch: 488575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<5.00		5.00	1.80	ug/L			05/11/26 13:10	1
Propionitrile	<10.0		10.0	3.40	ug/L			05/11/26 13:10	1
Styrene	<1.00		1.00	0.370	ug/L			05/11/26 13:10	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/11/26 13:10	1
Toluene	<1.00		1.00	0.430	ug/L			05/11/26 13:10	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/11/26 13:10	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/11/26 13:10	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/11/26 13:10	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/11/26 13:10	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/11/26 13:10	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/11/26 13:10	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/11/26 13:10	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/11/26 13:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*05/11/26 13:10*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/11/26 13:10*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*05/11/26 13:10*	*1*

Lab Sample ID: LCS 310-488575/6
Matrix: Water
Analysis Batch: 488575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	18.21		ug/L		91	70 - 121
1,1,1-Trichloroethane	20.0	19.32		ug/L		97	69 - 130
1,1,2,2-Tetrachloroethane	20.0	19.30		ug/L		97	70 - 122
1,1,2-Trichloroethane	20.0	18.88		ug/L		94	75 - 121
1,1-Dichloroethane	20.0	19.91		ug/L		100	69 - 127
1,1-Dichloroethene	20.0	20.64		ug/L		103	64 - 134
1,1-Dichloropropene	20.0	20.12		ug/L		101	70 - 133
1,2,3-Trichloropropane	20.0	19.73		ug/L		99	70 - 122
1,2,4-Trichlorobenzene	20.0	17.76		ug/L		89	69 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.72		ug/L		89	62 - 132
1,2-Dibromoethane (EDB)	20.0	18.44		ug/L		92	74 - 122
1,2-Dichlorobenzene	20.0	18.36		ug/L		92	74 - 120
1,2-Dichloroethane	20.0	18.82		ug/L		94	68 - 125
1,2-Dichloropropane	20.0	19.47		ug/L		97	72 - 128
1,3-Dichlorobenzene	20.0	18.27		ug/L		91	71 - 120
1,3-Dichloropropane	20.0	19.00		ug/L		95	72 - 125
1,4-Dichlorobenzene	20.0	18.34		ug/L		92	72 - 120
2,2-Dichloropropane	20.0	21.81		ug/L		109	51 - 146
2-Butanone (MEK)	40.0	37.29		ug/L		93	60 - 134
2-Hexanone	40.0	34.77		ug/L		87	62 - 139
4-Methyl-2-pentanone (MIBK)	40.0	34.27		ug/L		86	62 - 136
Acetone	40.0	34.22		ug/L		86	59 - 136
Acrolein	94.8	95.60		ug/L		101	50 - 150
Acrylonitrile	200	187.1		ug/L		94	50 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-488575/6
Matrix: Water
Analysis Batch: 488575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Allyl chloride	20.0	20.57		ug/L		103	61 - 136
Benzene	20.0	19.78		ug/L		99	71 - 125
Bromochloromethane	20.0	20.28		ug/L		101	69 - 131
Bromodichloromethane	20.0	17.92		ug/L		90	70 - 122
Bromoform	20.0	15.88		ug/L		79	62 - 122
Carbon disulfide	20.0	20.81		ug/L		104	58 - 137
Carbon tetrachloride	20.0	18.78		ug/L		94	63 - 136
Chlorobenzene	20.0	18.81		ug/L		94	74 - 120
Chlorodibromomethane	20.0	16.86		ug/L		84	69 - 121
Chloroform	20.0	18.72		ug/L		94	72 - 122
Chloroprene	20.0	19.46		ug/L		97	67 - 136
cis-1,2-Dichloroethene	20.0	19.45		ug/L		97	72 - 123
cis-1,3-Dichloropropene	20.0	17.97		ug/L		90	72 - 123
Dibromomethane	20.0	19.48		ug/L		97	72 - 122
Ethyl methacrylate	20.0	18.41		ug/L		92	68 - 128
Ethylbenzene	20.0	18.82		ug/L		94	75 - 120
Iodomethane	20.0	21.39		ug/L		107	18 - 150
Methacrylonitrile	200	183.6		ug/L		92	67 - 128
Methyl methacrylate	40.0	39.39		ug/L		98	69 - 129
Methylene Chloride	20.0	20.61		ug/L		103	72 - 128
Naphthalene	20.0	17.11		ug/L		86	69 - 126
Propionitrile	200	194.2		ug/L		97	68 - 131
Styrene	20.0	18.74		ug/L		94	74 - 122
Tetrachloroethene	20.0	19.17		ug/L		96	70 - 128
Toluene	20.0	18.92		ug/L		95	74 - 120
trans-1,2-Dichloroethene	20.0	19.33		ug/L		97	67 - 127
trans-1,3-Dichloropropene	20.0	17.67		ug/L		88	67 - 123
trans-1,4-Dichloro-2-butene	20.0	18.29		ug/L		91	50 - 150
Trichloroethene	20.0	19.86		ug/L		99	70 - 128
Vinyl acetate	40.0	40.68		ug/L		102	50 - 150
Xylenes, Total	40.0	37.26		ug/L		93	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*76 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*

Lab Sample ID: LCS 310-488575/7
Matrix: Water
Analysis Batch: 488575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	20.38		ug/L		102	33 - 138
Chloroethane	20.0	23.90		ug/L		120	59 - 139
Chloromethane	20.0	24.72		ug/L		124	52 - 146
Dichlorodifluoromethane	20.0	21.25		ug/L		106	45 - 150
Trichlorofluoromethane	20.0	22.96		ug/L		115	55 - 150
Vinyl chloride	20.0	25.04		ug/L		125	60 - 142

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-488575/7
Matrix: Water
Analysis Batch: 488575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*106*		*76 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-488095/1-A
Matrix: Water
Analysis Batch: 488620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488095

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<10.0		10.0	0.640	ug/L		05/06/26 11:32	05/12/26 12:37	1
Acenaphthylene	<10.0		10.0	0.720	ug/L		05/06/26 11:32	05/12/26 12:37	1
Acetophenone	<10.0		10.0	0.690	ug/L		05/06/26 11:32	05/12/26 12:37	1
2-Acetylaminofluorene	<10.0		10.0	2.70	ug/L		05/06/26 11:32	05/12/26 12:37	1
4-Aminobiphenyl	<10.0		10.0	2.20	ug/L		05/06/26 11:32	05/12/26 12:37	1
Anthracene	<10.0		10.0	0.870	ug/L		05/06/26 11:32	05/12/26 12:37	1
Benzo[a]anthracene	<10.0		10.0	0.850	ug/L		05/06/26 11:32	05/12/26 12:37	1
Benzo[a]pyrene	<10.0		10.0	8.10	ug/L		05/06/26 11:32	05/12/26 12:37	1
Benzo[b]fluoranthene	<10.0		10.0	4.90	ug/L		05/06/26 11:32	05/12/26 12:37	1
Benzo[g,h,i]perylene	<10.0		10.0	6.30	ug/L		05/06/26 11:32	05/12/26 12:37	1
Benzo[k]fluoranthene	<10.0		10.0	2.20	ug/L		05/06/26 11:32	05/12/26 12:37	1
Benzyl alcohol	<10.0		10.0	1.30	ug/L		05/06/26 11:32	05/12/26 12:37	1
Bis(2-chloroethoxy)methane	<10.0		10.0	0.760	ug/L		05/06/26 11:32	05/12/26 12:37	1
Bis(2-chloroethyl)ether	<10.0		10.0	0.820	ug/L		05/06/26 11:32	05/12/26 12:37	1
bis (2-chloroisopropyl) ether	<10.0		10.0	0.540	ug/L		05/06/26 11:32	05/12/26 12:37	1
Bis(2-ethylhexyl) phthalate	<10.0		10.0	5.50	ug/L		05/06/26 11:32	05/12/26 12:37	1
4-Bromophenyl phenyl ether	<10.0		10.0	0.700	ug/L		05/06/26 11:32	05/12/26 12:37	1
Butyl benzyl phthalate	<10.0		10.0	5.40	ug/L		05/06/26 11:32	05/12/26 12:37	1
4-Chloroaniline	<10.0		10.0	0.620	ug/L		05/06/26 11:32	05/12/26 12:37	1
Chlorobenzilate	<10.0		10.0	3.60	ug/L		05/06/26 11:32	05/12/26 12:37	1
4-Chloro-3-methylphenol	<10.0		10.0	0.840	ug/L		05/06/26 11:32	05/12/26 12:37	1
2-Chloronaphthalene	<10.0		10.0	0.640	ug/L		05/06/26 11:32	05/12/26 12:37	1
2-Chlorophenol	<10.0		10.0	0.540	ug/L		05/06/26 11:32	05/12/26 12:37	1
4-Chlorophenyl phenyl ether	<10.0		10.0	0.690	ug/L		05/06/26 11:32	05/12/26 12:37	1
Chrysene	<10.0		10.0	0.870	ug/L		05/06/26 11:32	05/12/26 12:37	1
Diallate	<10.0		10.0	4.00	ug/L		05/06/26 11:32	05/12/26 12:37	1
Dibenzo(a,h)anthracene	<10.0		10.0	3.90	ug/L		05/06/26 11:32	05/12/26 12:37	1
Dibenzofuran	<10.0		10.0	0.740	ug/L		05/06/26 11:32	05/12/26 12:37	1
3,3'-Dichlorobenzidine	<10.0		10.0	1.40	ug/L		05/06/26 11:32	05/12/26 12:37	1
2,4-Dichlorophenol	<10.0		10.0	0.850	ug/L		05/06/26 11:32	05/12/26 12:37	1
2,6-Dichlorophenol	<10.0		10.0	0.690	ug/L		05/06/26 11:32	05/12/26 12:37	1
Diethyl phthalate	<10.0		10.0	1.70	ug/L		05/06/26 11:32	05/12/26 12:37	1
Dimethoate	<10.0		10.0	3.60	ug/L		05/06/26 11:32	05/12/26 12:37	1
7,12-Dimethylbenz(a)anthracene	<10.0		10.0	1.90	ug/L		05/06/26 11:32	05/12/26 12:37	1
3,3'-Dimethylbenzidine	<10.0		10.0	1.50	ug/L		05/06/26 11:32	05/12/26 12:37	1
2,4-Dimethylphenol	<10.0		10.0	0.580	ug/L		05/06/26 11:32	05/12/26 12:37	1
Dimethyl phthalate	<10.0		10.0	1.00	ug/L		05/06/26 11:32	05/12/26 12:37	1
Di-n-butyl phthalate	<10.0		10.0	5.60	ug/L		05/06/26 11:32	05/12/26 12:37	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-488095/1-A
Matrix: Water
Analysis Batch: 488620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488095

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dinitrobenzene	<10.0		10.0	3.20	ug/L		05/06/26 11:32	05/12/26 12:37	1
4,6-Dinitro-2-methylphenol	<10.0		10.0	6.90	ug/L		05/06/26 11:32	05/12/26 12:37	1
2,4-Dinitrophenol	<20.0		20.0	13.0	ug/L		05/06/26 11:32	05/12/26 12:37	1
2,4-Dinitrotoluene	<10.0		10.0	6.40	ug/L		05/06/26 11:32	05/12/26 12:37	1
2,6-Dinitrotoluene	<10.0		10.0	0.520	ug/L		05/06/26 11:32	05/12/26 12:37	1
Di-n-octyl phthalate	<20.0		20.0	7.00	ug/L		05/06/26 11:32	05/12/26 12:37	1
Dinoseb	<10.0		10.0	2.40	ug/L		05/06/26 11:32	05/12/26 12:37	1
Diphenylamine	<10.0		10.0	6.00	ug/L		05/06/26 11:32	05/12/26 12:37	1
Disulfoton	<10.0		10.0	2.40	ug/L		05/06/26 11:32	05/12/26 12:37	1
Ethyl methanesulfonate	<10.0		10.0	3.60	ug/L		05/06/26 11:32	05/12/26 12:37	1
Ethyl Parathion	<10.0		10.0	2.20	ug/L		05/06/26 11:32	05/12/26 12:37	1
Famphur	<10.0		10.0	3.80	ug/L		05/06/26 11:32	05/12/26 12:37	1
Fluoranthene	<10.0		10.0	1.70	ug/L		05/06/26 11:32	05/12/26 12:37	1
Fluorene	<10.0		10.0	0.790	ug/L		05/06/26 11:32	05/12/26 12:37	1
Hexachlorobenzene	<10.0		10.0	0.700	ug/L		05/06/26 11:32	05/12/26 12:37	1
Hexachlorobutadiene	<10.0		10.0	0.860	ug/L		05/06/26 11:32	05/12/26 12:37	1
Hexachlorocyclopentadiene	<10.0		10.0	5.10	ug/L		05/06/26 11:32	05/12/26 12:37	1
Hexachloroethane	<10.0		10.0	0.970	ug/L		05/06/26 11:32	05/12/26 12:37	1
Hexachloropropene	<10.0		10.0	2.60	ug/L		05/06/26 11:32	05/12/26 12:37	1
Indeno[1,2,3-cd]pyrene	<10.0		10.0	4.20	ug/L		05/06/26 11:32	05/12/26 12:37	1
Isodrin	<10.0		10.0	4.70	ug/L		05/06/26 11:32	05/12/26 12:37	1
Isophorone	<10.0		10.0	0.930	ug/L		05/06/26 11:32	05/12/26 12:37	1
Isosafrole	<10.0		10.0	2.30	ug/L		05/06/26 11:32	05/12/26 12:37	1
Methapyrilene	<10.0		10.0	0.760	ug/L		05/06/26 11:32	05/12/26 12:37	1
3-Methylcholanthrene	8.373	J	10.0	0.320	ug/L		05/06/26 11:32	05/12/26 12:37	1
Methyl methanesulfonate	<10.0		10.0	3.30	ug/L		05/06/26 11:32	05/12/26 12:37	1
2-Methylnaphthalene	<10.0		10.0	0.590	ug/L		05/06/26 11:32	05/12/26 12:37	1
Methyl parathion	<10.0		10.0	2.30	ug/L		05/06/26 11:32	05/12/26 12:37	1
2-Methylphenol	<10.0		10.0	0.650	ug/L		05/06/26 11:32	05/12/26 12:37	1
Methylphenol, 3 & 4	<10.0		10.0	0.700	ug/L		05/06/26 11:32	05/12/26 12:37	1
1,4-Naphthoquinone	<10.0		10.0	3.60	ug/L		05/06/26 11:32	05/12/26 12:37	1
1-Naphthylamine	<10.0		10.0	2.50	ug/L		05/06/26 11:32	05/12/26 12:37	1
2-Naphthylamine	<10.0		10.0	2.10	ug/L		05/06/26 11:32	05/12/26 12:37	1
2-Nitroaniline	<10.0		10.0	5.90	ug/L		05/06/26 11:32	05/12/26 12:37	1
3-Nitroaniline	<10.0		10.0	2.70	ug/L		05/06/26 11:32	05/12/26 12:37	1
4-Nitroaniline	<10.0		10.0	1.30	ug/L		05/06/26 11:32	05/12/26 12:37	1
Nitrobenzene	<10.0		10.0	0.800	ug/L		05/06/26 11:32	05/12/26 12:37	1
5-Nitro-o-toluidine	<10.0		10.0	2.80	ug/L		05/06/26 11:32	05/12/26 12:37	1
2-Nitrophenol	<10.0		10.0	6.80	ug/L		05/06/26 11:32	05/12/26 12:37	1
4-Nitrophenol	<10.0		10.0	7.60	ug/L		05/06/26 11:32	05/12/26 12:37	1
N-Nitrosodiethylamine	<10.0		10.0	3.40	ug/L		05/06/26 11:32	05/12/26 12:37	1
N-Nitrosodimethylamine	<10.0		10.0	0.720	ug/L		05/06/26 11:32	05/12/26 12:37	1
N-Nitrosodi-n-butylamine	<10.0		10.0	3.90	ug/L		05/06/26 11:32	05/12/26 12:37	1
N-Nitrosodi-n-propylamine	<10.0		10.0	0.920	ug/L		05/06/26 11:32	05/12/26 12:37	1
N-Nitrosodiphenylamine	<10.0		10.0	0.750	ug/L		05/06/26 11:32	05/12/26 12:37	1
N-Nitrosomethylethylamine	<10.0		10.0	4.90	ug/L		05/06/26 11:32	05/12/26 12:37	1
N-Nitrosopiperidine	<10.0		10.0	2.70	ug/L		05/06/26 11:32	05/12/26 12:37	1
N-Nitrosopyrrolidine	<10.0		10.0	3.60	ug/L		05/06/26 11:32	05/12/26 12:37	1
o,o',o''-Triethylphosphorothioate	<10.0		10.0	3.20	ug/L		05/06/26 11:32	05/12/26 12:37	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-488095/1-A
Matrix: Water
Analysis Batch: 488620

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488095

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Toluidine	<10.0		10.0	2.90	ug/L		05/06/26 11:32	05/12/26 12:37	1
p-Dimethylamino azobenzene	<10.0		10.0	2.20	ug/L		05/06/26 11:32	05/12/26 12:37	1
Pentachlorobenzene	<10.0		10.0	2.80	ug/L		05/06/26 11:32	05/12/26 12:37	1
Pentachloronitrobenzene	<10.0		10.0	5.80	ug/L		05/06/26 11:32	05/12/26 12:37	1
Pentachlorophenol	<10.0		10.0	9.60	ug/L		05/06/26 11:32	05/12/26 12:37	1
Phenacetin	<10.0		10.0	1.90	ug/L		05/06/26 11:32	05/12/26 12:37	1
Phenanthrene	<10.0		10.0	0.790	ug/L		05/06/26 11:32	05/12/26 12:37	1
Phenol	<10.0		10.0	1.10	ug/L		05/06/26 11:32	05/12/26 12:37	1
Phorate	<10.0		10.0	3.20	ug/L		05/06/26 11:32	05/12/26 12:37	1
Pronamide	<10.0		10.0	2.70	ug/L		05/06/26 11:32	05/12/26 12:37	1
Pyrene	<10.0		10.0	0.790	ug/L		05/06/26 11:32	05/12/26 12:37	1
Safrole	<10.0		10.0	2.80	ug/L		05/06/26 11:32	05/12/26 12:37	1
1,2,4,5-Tetrachlorobenzene	<10.0		10.0	0.540	ug/L		05/06/26 11:32	05/12/26 12:37	1
2,3,4,6-Tetrachlorophenol	<10.0		10.0	5.30	ug/L		05/06/26 11:32	05/12/26 12:37	1
Thionazin	<10.0		10.0	3.50	ug/L		05/06/26 11:32	05/12/26 12:37	1
2,4,5-Trichlorophenol	<10.0		10.0	5.30	ug/L		05/06/26 11:32	05/12/26 12:37	1
2,4,6-Trichlorophenol	<10.0		10.0	5.00	ug/L		05/06/26 11:32	05/12/26 12:37	1
1,3,5-Trinitrobenzene	<10.0		10.0	2.30	ug/L		05/06/26 11:32	05/12/26 12:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*33 - 126*	*05/06/26 11:32*	*05/12/26 12:37*	*1*
2-Fluorophenol (Surr)	*59*		*21 - 110*	*05/06/26 11:32*	*05/12/26 12:37*	*1*
Nitrobenzene-d5 (Surr)	*64*		*39 - 140*	*05/06/26 11:32*	*05/12/26 12:37*	*1*
Phenol-d5 (Surr)	*45*		*21 - 110*	*05/06/26 11:32*	*05/12/26 12:37*	*1*
Terphenyl-d14 (Surr)	*66*		*13 - 150*	*05/06/26 11:32*	*05/12/26 12:37*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*20 - 144*	*05/06/26 11:32*	*05/12/26 12:37*	*1*

Lab Sample ID: MB 310-488095/1-A
Matrix: Water
Analysis Batch: 489231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488095

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Kepone	<10.0		10.0	1.00	ug/L		05/06/26 11:32	05/18/26 12:50	1

Lab Sample ID: LCS 310-488095/2-A
Matrix: Water
Analysis Batch: 488620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488095

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	100	69.50		ug/L		70	38 - 118
Acenaphthylene	100	74.03		ug/L		74	39 - 115
Acetophenone	100	74.21		ug/L		74	47 - 118
2-Acetylaminofluorene	44.8	54.87		ug/L		122	37 - 149
4-Aminobiphenyl	44.8	65.87	*+	ug/L		147	23 - 123
Anthracene	100	81.08		ug/L		81	49 - 127
Benzo[a]anthracene	100	80.61		ug/L		81	49 - 126
Benzo[a]pyrene	100	79.71		ug/L		80	44 - 133
Benzo[b]fluoranthene	100	80.49		ug/L		80	44 - 136
Benzo[g,h,i]perylene	100	89.84		ug/L		90	42 - 135

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-488095/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 488620
Prep Batch: 488095

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	100	79.48		ug/L		79	49 - 134
Benzyl alcohol	100	86.46		ug/L		86	46 - 123
Bis(2-chloroethoxy)methane	100	78.74		ug/L		79	44 - 126
Bis(2-chloroethyl)ether	100	68.23		ug/L		68	41 - 116
bis (2-chloroisopropyl) ether	100	70.66		ug/L		71	36 - 115
Bis(2-ethylhexyl) phthalate	100	90.95		ug/L		91	46 - 138
4-Bromophenyl phenyl ether	100	80.49		ug/L		80	41 - 131
Butyl benzyl phthalate	100	93.63		ug/L		94	47 - 133
4-Chloro-3-methylphenol	100	80.16		ug/L		80	51 - 132
2-Chloronaphthalene	100	62.59		ug/L		63	33 - 112
2-Chlorophenol	100	72.06		ug/L		72	43 - 119
4-Chlorophenyl phenyl ether	100	70.66		ug/L		71	44 - 118
Chrysene	100	77.14		ug/L		77	50 - 128
Diallate	51.2	48.42		ug/L		95	40 - 135
Dibenzo(a,h)anthracene	100	78.69		ug/L		79	36 - 146
Dibenzofuran	100	70.92		ug/L		71	44 - 114
2,4-Dichlorophenol	100	82.48		ug/L		82	44 - 131
2,6-Dichlorophenol	100	76.91		ug/L		77	41 - 131
Diethyl phthalate	100	77.04		ug/L		77	43 - 135
Dimethoate	51.2	50.19		ug/L		98	31 - 150
3,3'-Dimethylbenzidine	44.8	39.32		ug/L		88	10 - 147
2,4-Dimethylphenol	100	79.54		ug/L		80	30 - 128
Dimethyl phthalate	100	78.06		ug/L		78	46 - 129
Di-n-butyl phthalate	100	86.27		ug/L		86	49 - 138
1,3-Dinitrobenzene	100	38.13		ug/L		38	36 - 147
4,6-Dinitro-2-methylphenol	200	104.0		ug/L		52	22 - 150
2,4-Dinitrophenol	200	86.86		ug/L		43	10 - 150
2,4-Dinitrotoluene	100	74.87		ug/L		75	48 - 136
2,6-Dinitrotoluene	100	81.01		ug/L		81	49 - 135
Di-n-octyl phthalate	100	110.6		ug/L		111	33 - 148
Disulfoton	51.2	49.29		ug/L		96	27 - 138
Ethyl Parathion	51.2	45.94		ug/L		90	52 - 141
Famphur	51.2	71.71		ug/L		140	67 - 150
Fluoranthene	100	75.50		ug/L		75	49 - 132
Fluorene	100	73.52		ug/L		74	46 - 118
Hexachlorobenzene	100	78.00		ug/L		78	42 - 134
Hexachlorobutadiene	100	60.63		ug/L		61	29 - 110
Hexachlorocyclopentadiene	100	49.23		ug/L		49	10 - 110
Hexachloroethane	100	56.36		ug/L		56	25 - 110
Indeno[1,2,3-cd]pyrene	100	79.78		ug/L		80	36 - 149
Isophorone	100	82.48		ug/L		82	46 - 126
Methapyrilene	51.2	16.44		ug/L		32	10 - 110
3-Methylcholanthrene	44.8	62.67		ug/L		140	13 - 140
2-Methylnaphthalene	100	64.70		ug/L		65	35 - 110
Methyl parathion	51.2	55.27		ug/L		108	49 - 150
2-Methylphenol	100	72.96		ug/L		73	47 - 114
Methylphenol, 3 & 4	100	75.92		ug/L		76	45 - 114
1-Naphthylamine	44.8	33.10		ug/L		74	10 - 110
2-Naphthylamine	44.8	46.76		ug/L		104	18 - 111

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-488095/2-A
Matrix: Water
Analysis Batch: 488620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488095

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitroaniline	100	77.35		ug/L		77	48 - 135
3-Nitroaniline	100	86.03		ug/L		86	38 - 142
4-Nitroaniline	100	75.43		ug/L		75	33 - 141
Nitrobenzene	100	69.07		ug/L		69	42 - 123
5-Nitro-o-toluidine	44.8	43.51		ug/L		97	43 - 139
2-Nitrophenol	100	81.60		ug/L		82	36 - 144
4-Nitrophenol	200	84.96		ug/L		42	22 - 110
N-Nitrosodiethylamine	44.8	38.69		ug/L		86	51 - 116
N-Nitrosodimethylamine	100	59.98		ug/L		60	37 - 110
N-Nitrosodi-n-butylamine	44.8	40.79		ug/L		91	49 - 135
N-Nitrosodi-n-propylamine	100	74.47		ug/L		74	44 - 124
N-Nitrosodiphenylamine	100	77.73		ug/L		78	43 - 132
N-Nitrosomethylethylamine	44.8	34.12		ug/L		76	43 - 114
N-Nitrosopiperidine	44.8	39.91		ug/L		89	50 - 120
N-Nitrosopyrrolidine	44.8	39.59		ug/L		88	47 - 129
o,o',o''-Triethylphosphorothioate	51.2	37.79		ug/L		74	34 - 125
o-Toluidine	44.8	37.70		ug/L		84	19 - 128
p-Dimethylamino azobenzene	44.8	45.38		ug/L		101	45 - 133
Pentachloronitrobenzene	44.8	42.17		ug/L		94	45 - 132
Pentachlorophenol	200	129.7		ug/L		65	28 - 142
Phenacetin	44.8	45.08		ug/L		101	51 - 139
Phenanthrene	100	77.95		ug/L		78	48 - 126
Phenol	100	52.71		ug/L		53	29 - 110
Phorate	51.2	46.95		ug/L		92	21 - 147
Pronamide	44.8	46.60		ug/L		104	52 - 135
Pyrene	100	84.22		ug/L		84	45 - 134
Safrole	51.2	33.66		ug/L		66	26 - 117
1,2,4,5-Tetrachlorobenzene	100	65.09		ug/L		65	35 - 110
2,3,4,6-Tetrachlorophenol	100	67.26		ug/L		67	32 - 142
Thionazin	51.2	50.79		ug/L		99	48 - 135
2,4,5-Trichlorophenol	100	75.08		ug/L		75	39 - 136
2,4,6-Trichlorophenol	100	78.49		ug/L		78	35 - 141
1,3,5-Trinitrobenzene	44.8	32.59		ug/L		73	26 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*67*		*33 - 126*
2-Fluorophenol (Surr)	*59*		*21 - 110*
Nitrobenzene-d5 (Surr)	*69*		*39 - 140*
Phenol-d5 (Surr)	*53*		*21 - 110*
Terphenyl-d14 (Surr)	*77*		*13 - 150*
2,4,6-Tribromophenol (Surr)	*84*		*20 - 144*

Lab Sample ID: LCS 310-488095/2-A
Matrix: Water
Analysis Batch: 488620

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488095

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloroaniline	100	111.2		ug/L		111	13 - 143

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-488095/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 488620
Prep Batch: 488095

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			100	72.26		ug/L		72	38 - 118	4	35
Acenaphthylene			100	73.52		ug/L		74	39 - 115	1	35
Acetophenone			100	71.82		ug/L		72	47 - 118	3	35
2-Acetylaminofluorene			44.8	52.93		ug/L		118	37 - 149	4	26
4-Aminobiphenyl			44.8	74.78	*+	ug/L		167	23 - 123	13	35
Anthracene			100	82.00		ug/L		82	49 - 127	1	35
Benzo[a]anthracene			100	83.89		ug/L		84	49 - 126	4	35
Benzo[a]pyrene			100	81.02		ug/L		81	44 - 133	2	35
Benzo[b]fluoranthene			100	83.24		ug/L		83	44 - 136	3	35
Benzo[g,h,i]perylene			100	90.06		ug/L		90	42 - 135	0	35
Benzo[k]fluoranthene			100	86.31		ug/L		86	49 - 134	8	35
Benzyl alcohol			100	84.10		ug/L		84	46 - 123	3	35
Bis(2-chloroethoxy)methane			100	76.54		ug/L		77	44 - 126	3	35
Bis(2-chloroethyl)ether			100	65.14		ug/L		65	41 - 116	5	35
bis (2-chloroisopropyl) ether			100	70.45		ug/L		70	36 - 115	0	35
Bis(2-ethylhexyl) phthalate			100	97.78		ug/L		98	46 - 138	7	35
4-Bromophenyl phenyl ether			100	82.15		ug/L		82	41 - 131	2	35
Butyl benzyl phthalate			100	95.18		ug/L		95	47 - 133	2	35
4-Chloro-3-methylphenol			100	78.42		ug/L		78	51 - 132	2	35
2-Chloronaphthalene			100	66.18		ug/L		66	33 - 112	6	35
2-Chlorophenol			100	68.94		ug/L		69	43 - 119	4	35
4-Chlorophenyl phenyl ether			100	73.44		ug/L		73	44 - 118	4	35
Chrysene			100	84.13		ug/L		84	50 - 128	9	35
Diallate			51.2	52.11		ug/L		102	40 - 135	7	29
Dibenzo(a,h)anthracene			100	86.62		ug/L		87	36 - 146	10	35
Dibenzofuran			100	72.49		ug/L		72	44 - 114	2	35
2,4-Dichlorophenol			100	79.70		ug/L		80	44 - 131	3	35
2,6-Dichlorophenol			100	75.48		ug/L		75	41 - 131	2	35
Diethyl phthalate			100	80.04		ug/L		80	43 - 135	4	35
Dimethoate			51.2	50.53		ug/L		99	31 - 150	1	35
3,3'-Dimethylbenzidine			44.8	40.20		ug/L		90	10 - 147	2	35
2,4-Dimethylphenol			100	79.90		ug/L		80	30 - 128	0	35
Dimethyl phthalate			100	79.00		ug/L		79	46 - 129	1	35
Di-n-butyl phthalate			100	87.52		ug/L		88	49 - 138	1	35
1,3-Dinitrobenzene			100	39.38		ug/L		39	36 - 147	3	35
4,6-Dinitro-2-methylphenol			200	107.5		ug/L		54	22 - 150	3	35
2,4-Dinitrophenol			200	81.00		ug/L		40	10 - 150	7	35
2,4-Dinitrotoluene			100	75.08		ug/L		75	48 - 136	0	35
2,6-Dinitrotoluene			100	81.62		ug/L		82	49 - 135	1	35
Di-n-octyl phthalate			100	112.2		ug/L		112	33 - 148	1	35
Disulfoton			51.2	49.42		ug/L		97	27 - 138	0	32
Ethyl Parathion			51.2	48.04		ug/L		94	52 - 141	4	30
Famphur			51.2	76.59		ug/L		150	67 - 150	7	28
Fluoranthene			100	77.60		ug/L		78	49 - 132	3	35
Fluorene			100	75.57		ug/L		76	46 - 118	3	35
Hexachlorobenzene			100	83.13		ug/L		83	42 - 134	6	35
Hexachlorobutadiene			100	62.64		ug/L		63	29 - 110	3	35
Hexachlorocyclopentadiene			100	49.91		ug/L		50	10 - 110	1	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-488095/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 488620
Prep Batch: 488095

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachloroethane			100	55.92		ug/L		56	25 - 110	1	35
Indeno[1,2,3-cd]pyrene			100	80.64		ug/L		81	36 - 149	1	35
Isophorone			100	79.36		ug/L		79	46 - 126	4	35
Methapyrilene			51.2	20.30		ug/L		40	10 - 110	21	35
3-Methylcholanthrene			44.8	60.72		ug/L		136	13 - 140	3	35
2-Methylnaphthalene			100	66.17		ug/L		66	35 - 110	2	35
Methyl parathion			51.2	52.00		ug/L		102	49 - 150	6	29
2-Methylphenol			100	68.43		ug/L		68	47 - 114	6	35
Methylphenol, 3 & 4			100	69.13		ug/L		69	45 - 114	9	35
1-Naphthylamine			44.8	29.20		ug/L		65	10 - 110	13	35
2-Naphthylamine			44.8	47.16		ug/L		105	18 - 111	1	35
2-Nitroaniline			100	79.34		ug/L		79	48 - 135	3	35
3-Nitroaniline			100	85.66		ug/L		86	38 - 142	0	35
4-Nitroaniline			100	73.59		ug/L		74	33 - 141	2	35
Nitrobenzene			100	67.45		ug/L		67	42 - 123	2	35
5-Nitro-o-toluidine			44.8	41.82		ug/L		93	43 - 139	4	32
2-Nitrophenol			100	82.97		ug/L		83	36 - 144	2	35
4-Nitrophenol			200	80.24		ug/L		40	22 - 110	6	35
N-Nitrosodiethylamine			44.8	37.55		ug/L		84	51 - 116	3	27
N-Nitrosodimethylamine			100	61.36		ug/L		61	37 - 110	2	35
N-Nitrosodi-n-butylamine			44.8	43.53		ug/L		97	49 - 135	7	28
N-Nitrosodi-n-propylamine			100	72.75		ug/L		73	44 - 124	2	35
N-Nitrosodiphenylamine			100	77.60		ug/L		78	43 - 132	0	35
N-Nitrosomethylethylamine			44.8	32.81		ug/L		73	43 - 114	4	29
N-Nitrosopiperidine			44.8	37.93		ug/L		85	50 - 120	5	26
N-Nitrosopyrrolidine			44.8	37.60		ug/L		84	47 - 129	5	31
o,o',o''-Triethylphosphorothioate			51.2	42.40		ug/L		83	34 - 125	11	33
o-Toluidine			44.8	35.88		ug/L		80	19 - 128	5	35
p-Dimethylamino azobenzene			44.8	45.55		ug/L		102	45 - 133	0	31
Pentachloronitrobenzene			44.8	45.50		ug/L		102	45 - 132	8	29
Pentachlorophenol			200	120.4		ug/L		60	28 - 142	7	35
Phenacetin			44.8	46.11		ug/L		103	51 - 139	2	29
Phenanthrene			100	77.56		ug/L		78	48 - 126	1	35
Phenol			100	44.72		ug/L		45	29 - 110	16	35
Phorate			51.2	47.73		ug/L		93	21 - 147	2	35
Pronamide			44.8	44.58		ug/L		100	52 - 135	4	28
Pyrene			100	88.14		ug/L		88	45 - 134	5	35
Safrole			51.2	36.80		ug/L		72	26 - 117	9	35
1,2,4,5-Tetrachlorobenzene			100	67.39		ug/L		67	35 - 110	3	35
2,3,4,6-Tetrachlorophenol			100	68.12		ug/L		68	32 - 142	1	35
Thionazin			51.2	48.02		ug/L		94	48 - 135	6	30
2,4,5-Trichlorophenol			100	76.56		ug/L		77	39 - 136	2	35
2,4,6-Trichlorophenol			100	78.11		ug/L		78	35 - 141	0	35
1,3,5-Trinitrobenzene			44.8	34.73		ug/L		78	26 - 150	6	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*57*		*33 - 126*
2-Fluorophenol (Surr)	*46*		*21 - 110*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-488095/3-A
Matrix: Water
Analysis Batch: 488620

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 488095

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*53*		*39 - 140*
Phenol-d5 (Surr)	*35*		*21 - 110*
Terphenyl-d14 (Surr)	*65*		*13 - 150*
2,4,6-Tribromophenol (Surr)	*70*		*20 - 144*

Lab Sample ID: LCSD 310-488095/3-A
Matrix: Water
Analysis Batch: 488620

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 488095

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloroaniline			100	86.88		ug/L		87	13 - 143	25	35

Method: 8015C - Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)

Lab Sample ID: MB 310-488859/14
Matrix: Water
Analysis Batch: 488859

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	<10.0		10.0	2.60	mg/L			05/13/26 19:37	1
Isobutanol	<10.0		10.0	2.40	mg/L			05/13/26 19:37	1

Lab Sample ID: LCS 310-488859/15
Matrix: Water
Analysis Batch: 488859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetonitrile			103	99.62		mg/L		97	57 - 139		
Isobutanol			93.2	92.77		mg/L		100	78 - 124		

Lab Sample ID: 310-331233-14 MS
Matrix: Water
Analysis Batch: 488859

Client Sample ID: MW-205A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetonitrile	<10.0		103	90.31		mg/L		88	51 - 141		
Isobutanol	<10.0		93.2	73.10		mg/L		78	64 - 132		

Lab Sample ID: 310-331233-14 MSD
Matrix: Water
Analysis Batch: 488859

Client Sample ID: MW-205A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetonitrile	<10.0		103	99.64		mg/L		97	51 - 141	10	35
Isobutanol	<10.0		93.2	89.73		mg/L		96	64 - 132	20	35

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 310-488968/1-A
Matrix: Water
Analysis Batch: 488987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.98		1.98	0.813	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1221	<1.98		1.98	0.813	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1232	<1.98		1.98	0.813	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1242	<1.98		1.98	0.813	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1248	<1.98		1.98	0.684	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1254	<1.98		1.98	0.684	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1260	<1.98		1.98	0.684	ug/L		05/14/26 10:56	05/14/26 18:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*45*		*10 - 150*	*05/14/26 10:56*	*05/14/26 18:10*	*1*
Tetrachloro-m-xylene	*56*	*p*	*17 - 150*	*05/14/26 10:56*	*05/14/26 18:10*	*1*

Lab Sample ID: LCS 310-488968/2-A
Matrix: Water
Analysis Batch: 488987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	28.0	25.66		ug/L		92	25 - 150
PCB-1260	28.0	24.05		ug/L		86	14 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*50*		*10 - 150*
Tetrachloro-m-xylene	*60*		*17 - 150*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 310-488281/3
Matrix: Water
Analysis Batch: 488281

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.200		0.200	0.0510	mg/L			05/05/26 08:45	1

Lab Sample ID: LCS 310-488281/4
Matrix: Water
Analysis Batch: 488281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.00	2.014		mg/L		101	90 - 110

Method: 8321B - Herbicides (LC/MS)

Lab Sample ID: MB 410-815241/1-A
Matrix: Water
Analysis Batch: 815294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 815241

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.100		0.100	0.0800	ug/L		05/11/26 09:56	05/11/26 13:45	1
Silvex (2,4,5-TP)	<0.100		0.100	0.0300	ug/L		05/11/26 09:56	05/11/26 13:45	1

Method: 8321B - Herbicides (LC/MS) (Continued)

Lab Sample ID: MB 410-815241/1-A
Matrix: Water
Analysis Batch: 815294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 815241

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	<0.100		0.100	0.0400	ug/L		05/11/26 09:56	05/11/26 13:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*99*		*70 - 130*	*05/11/26 09:56*	*05/11/26 13:45*	*1*

Lab Sample ID: LCS 410-815241/2-A
Matrix: Water
Analysis Batch: 815294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 815241

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	2.50	2.429		ug/L		97	70 - 130
Silvex (2,4,5-TP)	2.49	2.469		ug/L		99	70 - 130
2,4,5-T	2.50	2.380		ug/L		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCAA	*103*		*70 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-866002/1-A
Matrix: Water
Analysis Batch: 866417

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 866002

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/12/26 14:20	05/13/26 19:18	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/12/26 14:20	05/13/26 19:18	1
Barium	<0.00250		0.00250	0.000730	mg/L		05/12/26 14:20	05/13/26 19:18	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/12/26 14:20	05/13/26 19:18	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/12/26 14:20	05/13/26 19:18	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/12/26 14:20	05/13/26 19:18	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/12/26 14:20	05/13/26 19:18	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/12/26 14:20	05/13/26 19:18	1
Iron	<100		100	46.7	ug/L		05/12/26 14:20	05/13/26 19:18	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/12/26 14:20	05/13/26 19:18	1
Manganese	<2.50		2.50	0.791	ug/L		05/12/26 14:20	05/13/26 19:18	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/12/26 14:20	05/13/26 19:18	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/12/26 14:20	05/13/26 19:18	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/12/26 14:20	05/13/26 19:18	1
Tin	<0.00500		0.00500	0.00130	mg/L		05/12/26 14:20	05/13/26 19:18	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/12/26 14:20	05/13/26 19:18	1
Vanadium	<0.000270		0.000270	0.0000843	mg/L		05/12/26 14:20	05/13/26 19:18	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/12/26 14:20	05/13/26 19:18	1

Lab Sample ID: LCS 500-866002/2-A
Matrix: Water
Analysis Batch: 866417

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 866002

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.5231		mg/L		105	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-866002/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 866417
Prep Batch: 866002

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.1002		mg/L		100	80 - 120
Barium	0.500	0.5068		mg/L		101	80 - 120
Beryllium	0.0500	0.05330		mg/L		107	80 - 120
Cadmium	0.0500	0.05052		mg/L		101	80 - 120
Chromium	0.200	0.1908		mg/L		95	80 - 120
Cobalt	0.500	0.5058		mg/L		101	80 - 120
Copper	0.250	0.2443		mg/L		98	80 - 120
Iron	1000	1021		ug/L		102	80 - 120
Lead	0.100	0.09637		mg/L		96	80 - 120
Manganese	500	499.1		ug/L		100	80 - 120
Nickel	0.500	0.5056		mg/L		101	80 - 120
Selenium	0.100	0.1006		mg/L		101	80 - 120
Silver	0.0500	0.05256		mg/L		105	80 - 120
Tin	1.00	1.080		mg/L		108	80 - 120
Thallium	0.100	0.09930		mg/L		99	80 - 120
Vanadium	0.500	0.5065		mg/L		101	80 - 120
Zinc	0.500	0.5024		mg/L		100	80 - 120

Lab Sample ID: 310-331233-1 MS
Client Sample ID: WT-OF
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 866417
Prep Batch: 866002

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00100		0.500	0.5352		mg/L		107	75 - 125
Arsenic	0.000428	J	0.100	0.1012		mg/L		101	75 - 125
Barium	0.101		0.500	0.6012		mg/L		100	75 - 125
Beryllium	<0.000400		0.0500	0.05077		mg/L		102	75 - 125
Cadmium	<0.000500		0.0500	0.04979		mg/L		100	75 - 125
Chromium	<0.00500		0.200	0.1883		mg/L		94	75 - 125
Cobalt	0.000541	J	0.500	0.4887		mg/L		98	75 - 125
Copper	0.000650	J	0.250	0.2386		mg/L		95	75 - 125
Iron	576		1000	1563		ug/L		99	75 - 125
Lead	<0.000500		0.100	0.09664		mg/L		97	75 - 125
Manganese	1120		500	1656		ug/L		108	75 - 125
Nickel	0.0102		0.500	0.5022		mg/L		98	75 - 125
Selenium	<0.00250		0.100	0.1011		mg/L		101	75 - 125
Silver	<0.000500		0.0500	0.05151		mg/L		103	75 - 125
Tin	1.66	J F1	1.00	1.099	F1	mg/L		-56	75 - 125
Thallium	<0.000400		0.100	0.09961		mg/L		100	75 - 125
Vanadium	0.000112	J	0.500	0.5003		mg/L		100	75 - 125
Zinc	<0.0200		0.500	0.4842		mg/L		97	75 - 125

Lab Sample ID: 310-331233-1 MSD
Client Sample ID: WT-OF
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 866417
Prep Batch: 866002

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00100		0.500	0.5360		mg/L		107	75 - 125	0	20
Arsenic	0.000428	J	0.100	0.1034		mg/L		103	75 - 125	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-331233-1 MSD
Matrix: Water
Analysis Batch: 866417

Client Sample ID: WT-OF
Prep Type: Total Recoverable
Prep Batch: 866002

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.101		0.500	0.6024		mg/L		100	75 - 125	0	20
Beryllium	<0.000400		0.0500	0.05158		mg/L		103	75 - 125	2	20
Cadmium	<0.000500		0.0500	0.05005		mg/L		100	75 - 125	1	20
Chromium	<0.00500		0.200	0.1904		mg/L		95	75 - 125	1	20
Cobalt	0.000541	J	0.500	0.4917		mg/L		98	75 - 125	1	20
Copper	0.000650	J	0.250	0.2412		mg/L		96	75 - 125	1	20
Iron	576		1000	1585		ug/L		101	75 - 125	1	20
Lead	<0.000500		0.100	0.09785		mg/L		98	75 - 125	1	20
Manganese	1120		500	1665		ug/L		110	75 - 125	1	20
Nickel	0.0102		0.500	0.5067		mg/L		99	75 - 125	1	20
Selenium	<0.00250		0.100	0.1037		mg/L		104	75 - 125	3	20
Silver	<0.000500		0.0500	0.05222		mg/L		104	75 - 125	1	20
Tin	1.66	J F1	1.00	1.110	F1	mg/L		-55	75 - 125	1	20
Thallium	<0.000400		0.100	0.1005		mg/L		100	75 - 125	1	20
Vanadium	0.000112	J	0.500	0.5042		mg/L		101	75 - 125	1	20
Zinc	<0.0200		0.500	0.4896		mg/L		98	75 - 125	1	20

Lab Sample ID: 310-331233-1 DU
Matrix: Water
Analysis Batch: 866417

Client Sample ID: WT-OF
Prep Type: Total Recoverable
Prep Batch: 866002

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	0.000428	J	0.0004360	J	mg/L		2	20
Barium	0.101		0.1007		mg/L		0.5	20
Beryllium	<0.000400		<0.000400		mg/L		NC	20
Cadmium	<0.000500		<0.000500		mg/L		NC	20
Chromium	<0.00500		<0.00500		mg/L		NC	20
Cobalt	0.000541	J	0.0005500	J	mg/L		2	20
Copper	0.000650	J	0.0006140	J	mg/L		6	20
Iron	576		568.7		ug/L		1	20
Lead	<0.000500		<0.000500		mg/L		NC	20
Manganese	1120		1110		ug/L		0.5	20
Nickel	0.0102		0.01018		mg/L		0.4	20
Selenium	<0.00250		<0.00250		mg/L		NC	20
Silver	<0.000500		<0.000500		mg/L		NC	20
Tin	1.66	J F1	<0.00500		mg/L		NC	20
Thallium	<0.000400		<0.000400		mg/L		NC	20
Vanadium	0.000112	J	0.0001140	J	mg/L		2	20
Zinc	<0.0200		<0.0200		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-866533/12-A
Matrix: Water
Analysis Batch: 866804

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 866533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.200		0.200	0.0760	ug/L		05/14/26 12:30	05/15/26 12:10	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 500-866533/13-A
Matrix: Water
Analysis Batch: 866804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 866533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	1.909		ug/L		95	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 310-488524/1-A
Matrix: Water
Analysis Batch: 488612

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0100		0.0100	0.00350	mg/L		05/11/26 08:47	05/11/26 22:09	1

Lab Sample ID: LCS 310-488524/2-A
Matrix: Water
Analysis Batch: 488612

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.1902		mg/L		95	90 - 110

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-865750/1
Matrix: Water
Analysis Batch: 865750

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.00		1.00	0.231	mg/L			05/11/26 13:13	1

Lab Sample ID: LCS 500-865750/2
Matrix: Water
Analysis Batch: 865750

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	4.12	4.256		mg/L		103	80 - 120

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 310-488465/11
Matrix: Water
Analysis Batch: 488465

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<1.00		1.00	0.500	mg/L			05/08/26 15:37	1

Lab Sample ID: LCS 310-488465/12
Matrix: Water
Analysis Batch: 488465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	9.99	10.61		mg/L		106	85 - 115

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-488216/1
Matrix: Water
Analysis Batch: 488216

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/07/26 09:58	1

Lab Sample ID: LCS 310-488216/2
Matrix: Water
Analysis Batch: 488216

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	93.00		mg/L		93	82 - 117

Lab Sample ID: MB 310-488231/1
Matrix: Water
Analysis Batch: 488231

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/07/26 10:44	1

Lab Sample ID: LCS 310-488231/2
Matrix: Water
Analysis Batch: 488231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	95.00		mg/L		95	82 - 117

Lab Sample ID: 310-331233-2 DU
Matrix: Water
Analysis Batch: 488231

Client Sample ID: WT-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	35.0		35.50		mg/L		1	35

Lab Sample ID: MB 310-488243/1
Matrix: Water
Analysis Batch: 488243

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/07/26 11:03	1

Lab Sample ID: LCS 310-488243/2
Matrix: Water
Analysis Batch: 488243

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	100.0		mg/L		100	82 - 117

Lab Sample ID: MB 310-488328/1
Matrix: Water
Analysis Batch: 488328

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/08/26 08:46	1

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: LCS 310-488328/2
Matrix: Water
Analysis Batch: 488328

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	99.00		mg/L		99	82 - 117

GC/MS VOA

Analysis Batch: 488256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-1	WT-OF	Total/NA	Water	8260D	
310-331233-2	WT-3	Total/NA	Water	8260D	
310-331233-3	WT-1	Total/NA	Water	8260D	
310-331233-4	WT-4	Total/NA	Water	8260D	
310-331233-5	WT-2	Total/NA	Water	8260D	
310-331233-6	MW-39B	Total/NA	Water	8260D	
310-331233-7	MW-1B	Total/NA	Water	8260D	
310-331233-8	MW-10B	Total/NA	Water	8260D	
MB 310-488256/5	Method Blank	Total/NA	Water	8260D	
LCS 310-488256/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-488256/7	Lab Control Sample	Total/NA	Water	8260D	
310-331233-1 MS	WT-OF	Total/NA	Water	8260D	
310-331233-1 MSD	WT-OF	Total/NA	Water	8260D	

Analysis Batch: 488258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-9	MW-310A	Total/NA	Water	8260D	
310-331233-10	MW-200A	Total/NA	Water	8260D	
310-331233-11	MW-312A	Total/NA	Water	8260D	
310-331233-14	MW-205A	Total/NA	Water	8260D	
310-331233-16	MW-201A	Total/NA	Water	8260D	
310-331233-17	MW-408	Total/NA	Water	8260D	
310-331233-18	MW-29A	Total/NA	Water	8260D	
310-331233-19	TB-10	Total/NA	Water	8260D	
310-331233-20	TB-7	Total/NA	Water	8260D	
310-331233-21	TB-9	Total/NA	Water	8260D	
310-331233-22	TB-1	Total/NA	Water	8260D	
MB 310-488258/5	Method Blank	Total/NA	Water	8260D	
LCS 310-488258/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-488258/7	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 488575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-9	MW-310A	Total/NA	Water	8260D	
310-331233-13	MW-11B	Total/NA	Water	8260D	
310-331233-14	MW-205A	Total/NA	Water	8260D	
310-331233-15	MW-18AR	Total/NA	Water	8260D	
MB 310-488575/5	Method Blank	Total/NA	Water	8260D	
LCS 310-488575/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-488575/7	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 488095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-12	MW-12B	Total/NA	Water	3510C	
310-331233-14	MW-205A	Total/NA	Water	3510C	
MB 310-488095/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-488095/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 310-488095/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

GC/MS Semi VOA

Prep Batch: 488573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	3511	

Analysis Batch: 488620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-12	MW-12B	Total/NA	Water	8270E	488095
310-331233-14	MW-205A	Total/NA	Water	8270E	488095
MB 310-488095/1-A	Method Blank	Total/NA	Water	8270E	488095
LCS 310-488095/2-A	Lab Control Sample	Total/NA	Water	8270E	488095
LCS 310-488095/2-A	Lab Control Sample	Total/NA	Water	8270E	488095
LCSD 310-488095/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	488095
LCSD 310-488095/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	488095

Analysis Batch: 488955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	8270E	488573

Analysis Batch: 489231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	8270E	488095
MB 310-488095/1-A	Method Blank	Total/NA	Water	8270E	488095

GC Semi VOA

Analysis Batch: 488859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	8015C	
MB 310-488859/14	Method Blank	Total/NA	Water	8015C	
LCS 310-488859/15	Lab Control Sample	Total/NA	Water	8015C	
310-331233-14 MS	MW-205A	Total/NA	Water	8015C	
310-331233-14 MSD	MW-205A	Total/NA	Water	8015C	

Prep Batch: 488968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	3511	
310-331233-16	MW-201A	Total/NA	Water	3511	
MB 310-488968/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-488968/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 488987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	8082A	488968
310-331233-16	MW-201A	Total/NA	Water	8082A	488968
MB 310-488968/1-A	Method Blank	Total/NA	Water	8082A	488968
LCS 310-488968/2-A	Lab Control Sample	Total/NA	Water	8082A	488968

HPLC/IC

Analysis Batch: 488281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-13	MW-11B	Total/NA	Water	9056A	
MB 310-488281/3	Method Blank	Total/NA	Water	9056A	
LCS 310-488281/4	Lab Control Sample	Total/NA	Water	9056A	

LCMS

Prep Batch: 815241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	8321B	
310-331233-18	MW-29A	Total/NA	Water	8321B	
MB 410-815241/1-A	Method Blank	Total/NA	Water	8321B	
LCS 410-815241/2-A	Lab Control Sample	Total/NA	Water	8321B	

Analysis Batch: 815294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	8321B	815241
310-331233-18	MW-29A	Total/NA	Water	8321B	815241
MB 410-815241/1-A	Method Blank	Total/NA	Water	8321B	815241
LCS 410-815241/2-A	Lab Control Sample	Total/NA	Water	8321B	815241

Metals

Prep Batch: 866002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-1	WT-OF	Total Recoverable	Water	3005A	
310-331233-2	WT-3	Total Recoverable	Water	3005A	
310-331233-3	WT-1	Total Recoverable	Water	3005A	
310-331233-4	WT-4	Total Recoverable	Water	3005A	
310-331233-5	WT-2	Total Recoverable	Water	3005A	
310-331233-6	MW-39B	Total Recoverable	Water	3005A	
310-331233-7	MW-1B	Total Recoverable	Water	3005A	
310-331233-8	MW-10B	Total Recoverable	Water	3005A	
310-331233-9	MW-310A	Total Recoverable	Water	3005A	
310-331233-10	MW-200A	Total Recoverable	Water	3005A	
310-331233-11	MW-312A	Total Recoverable	Water	3005A	
310-331233-12	MW-12B	Total Recoverable	Water	3005A	
310-331233-13	MW-11B	Total Recoverable	Water	3005A	
310-331233-14	MW-205A	Total Recoverable	Water	3005A	
310-331233-15	MW-18AR	Total Recoverable	Water	3005A	
310-331233-16	MW-201A	Total Recoverable	Water	3005A	
310-331233-17	MW-408	Total Recoverable	Water	3005A	
310-331233-18	MW-29A	Total Recoverable	Water	3005A	
MB 500-866002/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-866002/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
310-331233-1 MS	WT-OF	Total Recoverable	Water	3005A	
310-331233-1 MSD	WT-OF	Total Recoverable	Water	3005A	
310-331233-1 DU	WT-OF	Total Recoverable	Water	3005A	

Analysis Batch: 866417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-1	WT-OF	Total Recoverable	Water	6020B	866002
310-331233-2	WT-3	Total Recoverable	Water	6020B	866002
310-331233-3	WT-1	Total Recoverable	Water	6020B	866002
310-331233-4	WT-4	Total Recoverable	Water	6020B	866002
310-331233-5	WT-2	Total Recoverable	Water	6020B	866002
310-331233-6	MW-39B	Total Recoverable	Water	6020B	866002
310-331233-7	MW-1B	Total Recoverable	Water	6020B	866002
310-331233-8	MW-10B	Total Recoverable	Water	6020B	866002
310-331233-9	MW-310A	Total Recoverable	Water	6020B	866002

Metals (Continued)

Analysis Batch: 866417 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-10	MW-200A	Total Recoverable	Water	6020B	866002
310-331233-11	MW-312A	Total Recoverable	Water	6020B	866002
310-331233-12	MW-12B	Total Recoverable	Water	6020B	866002
310-331233-13	MW-11B	Total Recoverable	Water	6020B	866002
310-331233-14	MW-205A	Total Recoverable	Water	6020B	866002
310-331233-15	MW-18AR	Total Recoverable	Water	6020B	866002
310-331233-16	MW-201A	Total Recoverable	Water	6020B	866002
310-331233-17	MW-408	Total Recoverable	Water	6020B	866002
310-331233-18	MW-29A	Total Recoverable	Water	6020B	866002
MB 500-866002/1-A	Method Blank	Total Recoverable	Water	6020B	866002
LCS 500-866002/2-A	Lab Control Sample	Total Recoverable	Water	6020B	866002
310-331233-1 MS	WT-OF	Total Recoverable	Water	6020B	866002
310-331233-1 MSD	WT-OF	Total Recoverable	Water	6020B	866002
310-331233-1 DU	WT-OF	Total Recoverable	Water	6020B	866002

Prep Batch: 866533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	7470A	
MB 500-866533/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-866533/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 866804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	7470A	866533
MB 500-866533/12-A	Method Blank	Total/NA	Water	7470A	866533
LCS 500-866533/13-A	Lab Control Sample	Total/NA	Water	7470A	866533

General Chemistry

Analysis Batch: 488216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-1	WT-OF	Total/NA	Water	I-3765-85	
MB 310-488216/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-488216/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 488231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-2	WT-3	Total/NA	Water	I-3765-85	
310-331233-3	WT-1	Total/NA	Water	I-3765-85	
310-331233-4	WT-4	Total/NA	Water	I-3765-85	
310-331233-5	WT-2	Total/NA	Water	I-3765-85	
310-331233-6	MW-39B	Total/NA	Water	I-3765-85	
310-331233-7	MW-1B	Total/NA	Water	I-3765-85	
310-331233-8	MW-10B	Total/NA	Water	I-3765-85	
310-331233-9	MW-310A	Total/NA	Water	I-3765-85	
310-331233-10	MW-200A	Total/NA	Water	I-3765-85	
310-331233-11	MW-312A	Total/NA	Water	I-3765-85	
310-331233-12	MW-12B	Total/NA	Water	I-3765-85	
310-331233-13	MW-11B	Total/NA	Water	I-3765-85	
310-331233-14	MW-205A	Total/NA	Water	I-3765-85	
310-331233-16	MW-201A	Total/NA	Water	I-3765-85	

General Chemistry (Continued)

Analysis Batch: 488231 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-488231/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-488231/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-331233-2 DU	WT-3	Total/NA	Water	I-3765-85	

Analysis Batch: 488243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-17	MW-408	Total/NA	Water	I-3765-85	
310-331233-18	MW-29A	Total/NA	Water	I-3765-85	
MB 310-488243/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-488243/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 488328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-15	MW-18AR	Total/NA	Water	I-3765-85	
MB 310-488328/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-488328/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 488465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-13	MW-11B	Total/NA	Water	9060A	
MB 310-488465/11	Method Blank	Total/NA	Water	9060A	
LCS 310-488465/12	Lab Control Sample	Total/NA	Water	9060A	

Prep Batch: 488524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	9012B	
MB 310-488524/1-A	Method Blank	Total/NA	Water	9012B	
LCS 310-488524/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 488612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	9012B	488524
MB 310-488524/1-A	Method Blank	Total/NA	Water	9012B	488524
LCS 310-488524/2-A	Lab Control Sample	Total/NA	Water	9012B	488524

Analysis Batch: 865750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331233-14	MW-205A	Total/NA	Water	9034	
MB 500-865750/1	Method Blank	Total/NA	Water	9034	
LCS 500-865750/2	Lab Control Sample	Total/NA	Water	9034	

Lab Chronicle

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Client Sample ID: WT-OF
Lab Sample ID: 310-331233-1
Date Collected: 05/04/26 08:11
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488256	FE5V	EET CF	05/08/26 01:39
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 19:23
Total/NA	Analysis	I-3765-85		1	488216	HE7K	EET CF	05/07/26 09:58

Client Sample ID: WT-3
Lab Sample ID: 310-331233-2
Date Collected: 05/04/26 08:51
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488256	FE5V	EET CF	05/08/26 02:02
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 19:45
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: WT-1
Lab Sample ID: 310-331233-3
Date Collected: 05/04/26 08:21
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488256	FE5V	EET CF	05/08/26 02:25
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 19:48
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: WT-4
Lab Sample ID: 310-331233-4
Date Collected: 05/04/26 08:59
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488256	FE5V	EET CF	05/08/26 02:48
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 19:50
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: WT-2
Lab Sample ID: 310-331233-5
Date Collected: 05/04/26 08:36
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488256	FE5V	EET CF	05/08/26 03:11
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 19:53
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: MW-39B
Lab Sample ID: 310-331233-6

Date Collected: 05/04/26 13:35
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488256	FE5V	EET CF	05/08/26 03:34
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 19:56
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: MW-1B
Lab Sample ID: 310-331233-7

Date Collected: 05/04/26 14:03
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488256	FE5V	EET CF	05/08/26 03:57
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 19:59
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: MW-10B
Lab Sample ID: 310-331233-8

Date Collected: 05/04/26 13:03
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488256	FE5V	EET CF	05/08/26 04:19
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:01
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: MW-310A
Lab Sample ID: 310-331233-9

Date Collected: 05/04/26 10:52
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 13:06
Total/NA	Analysis	8260D		1	488575	WSE8	EET CF	05/11/26 16:36
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:13
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: MW-200A
Lab Sample ID: 310-331233-10

Date Collected: 05/04/26 14:32
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 13:29
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:15
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Lab Chronicle

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Client Sample ID: MW-312A
Lab Sample ID: 310-331233-11
Date Collected: 05/04/26 09:56
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 13:52
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:18
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: MW-12B
Lab Sample ID: 310-331233-12
Date Collected: 05/04/26 10:20
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			488095	J5BR	EET CF	05/06/26 11:32
Total/NA	Analysis	8270E		1	488620	V7YZ	EET CF	05/12/26 16:39
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:21
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: MW-11B
Lab Sample ID: 310-331233-13
Date Collected: 05/04/26 12:38
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488575	WSE8	EET CF	05/11/26 15:50
Total/NA	Analysis	9056A		1	488281	HE7K	EET CF	05/06/26 09:06
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:24
Total/NA	Analysis	9060A		1	488465	WZC8	EET CF	05/08/26 22:50
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: MW-205A
Lab Sample ID: 310-331233-14
Date Collected: 05/04/26 09:15
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 14:37
Total/NA	Analysis	8260D		1	488575	WSE8	EET CF	05/11/26 16:59
Total/NA	Prep	3511			488573	P5ZC	EET CF	05/11/26 12:06
Total/NA	Analysis	8270E		1	488955	D2YP	EET CF	05/14/26 16:10
Total/NA	Prep	3510C			488095	J5BR	EET CF	05/06/26 11:32
Total/NA	Analysis	8270E		1	488620	V7YZ	EET CF	05/12/26 14:51
Total/NA	Prep	3510C			488095	J5BR	EET CF	05/06/26 11:32
Total/NA	Analysis	8270E		1	489231	D2YP	EET CF	05/18/26 14:16
Total/NA	Analysis	8015C		1	488859	BW2O	EET CF	05/13/26 21:02
Total/NA	Prep	3511			488968	BW2O	EET CF	05/14/26 10:56
Total/NA	Analysis	8082A		1	488987	BW2O	EET CF	05/14/26 18:37

Lab Chronicle

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Client Sample ID: MW-205A
Lab Sample ID: 310-331233-14
Date Collected: 05/04/26 09:15
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8321B			815241	CL6F	ELLE	05/11/26 09:56
Total/NA	Analysis	8321B		1	815294	F9DU	ELLE	05/11/26 15:13
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:27
Total/NA	Prep	7470A			866533	MJG	EET CHI	05/14/26 12:30 - 05/14/26 14:30 [1]
Total/NA	Analysis	7470A		1	866804	MJG	EET CHI	05/15/26 12:14
Total/NA	Prep	9012B			488524	ENB7	EET CF	05/11/26 08:47
Total/NA	Analysis	9012B		1	488612	ZJX4	EET CF	05/11/26 22:29
Total/NA	Analysis	9034		1	865750	TR	EET CHI	05/11/26 13:22 - 05/11/26 13:25 [1]
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: MW-18AR
Lab Sample ID: 310-331233-15
Date Collected: 05/05/26 07:35
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488575	WSE8	EET CF	05/11/26 16:13
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:29
Total/NA	Analysis	I-3765-85		1	488328	HE7K	EET CF	05/08/26 08:46

Client Sample ID: MW-201A
Lab Sample ID: 310-331233-16
Date Collected: 05/05/26 08:06
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 15:23
Total/NA	Prep	3511			488968	BW2O	EET CF	05/14/26 10:56
Total/NA	Analysis	8082A		1	488987	BW2O	EET CF	05/14/26 18:50
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:32
Total/NA	Analysis	I-3765-85		1	488231	HE7K	EET CF	05/07/26 10:44

Client Sample ID: MW-408
Lab Sample ID: 310-331233-17
Date Collected: 05/05/26 09:17
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 15:46
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:35
Total/NA	Analysis	I-3765-85		1	488243	HE7K	EET CF	05/07/26 11:03

Lab Chronicle

Client: HDR Inc
Project/Site: Iowa City Landfill

Job ID: 310-331233-1

Client Sample ID: MW-29A
Lab Sample ID: 310-331233-18
Date Collected: 05/05/26 08:51
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 16:09
Total/NA	Prep	8321B			815241	CL6F	ELLE	05/11/26 09:56
Total/NA	Analysis	8321B		1	815294	F9DU	ELLE	05/11/26 15:23
Total Recoverable	Prep	3005A			866002	MS	EET CHI	05/12/26 14:20 - 05/12/26 20:20 [1]
Total Recoverable	Analysis	6020B		1	866417	RN	EET CHI	05/13/26 20:38
Total/NA	Analysis	I-3765-85		1	488243	HE7K	EET CF	05/07/26 11:03

Client Sample ID: TB-10
Lab Sample ID: 310-331233-19
Date Collected: 05/05/26 00:00
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 10:25

Client Sample ID: TB-7
Lab Sample ID: 310-331233-20
Date Collected: 05/05/26 00:00
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 10:48

Client Sample ID: TB-9
Lab Sample ID: 310-331233-21
Date Collected: 05/05/26 00:00
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 11:11

Client Sample ID: TB-1
Lab Sample ID: 310-331233-22
Date Collected: 05/05/26 00:00
Matrix: Water
Date Received: 05/05/26 16:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488258	FE5V	EET CF	05/08/26 11:34

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-27

The following analytes are included in this report, but the laboratory is not certified by Iowa State 007. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	1,2,4-Trichlorobenzene
8260D		Water	Allyl chloride
8260D		Water	Ethyl methacrylate

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-28

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-27
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-27
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-27
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-27
Delaware (DW)	State	N/A	01-31-27
Florida	NELAP	E87997	06-30-26
Georgia (DW)	State	C048	01-31-27
Illinois	NELAP	200027	01-31-27
Iowa	State	361	03-01-28
Kansas	NELAP	E-10151	05-13-26
Kentucky (DW)	State	KY90088	12-31-26
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-26
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	05-13-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-27
Minnesota	NELAP	042-999-487	12-31-26
Mississippi	State	023	01-31-27
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-27
Nebraska	State	NE-OS-32-17	01-31-27

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Hampshire	NELAP	2730	01-10-27
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-27
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	01-03-27
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-27
Oklahoma	NELAP	9804	12-13-26
Oregon	NELAP	PA200001	09-11-26
Pennsylvania	NELAP	36-00037	01-31-27
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-31-26
South Carolina	State	89002	01-31-27
Tennessee	State	02838	01-31-27
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	05-08-29
Vermont	State	VT - 36037	10-28-26
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-27
West Virginia (DW)	State	9906 C	01-31-27
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-27
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8270E	Organochlorine Pesticides by GC-MS/MS	SW846	EET CF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CF
8015C	Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)	SW846	EET CF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
9056A	Anions, Ion Chromatography	SW846	EET CF
8321B	Herbicides (LC/MS)	SW846	ELLE
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total andor Amenable	SW846	EET CF
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	EET CHI
9060A	Organic Carbon, Total (TOC)	SW846	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CHI
8321B	Extraction of Chlorinated Phenoxyacid Herbicides	EPA	ELLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

eurofins | Environment Testing America

310-331233 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 5/5/26 | TIME 1640 | Received By.

Delivery Type. ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 1 of 4

Cooler Custody Seals Present? ☐ Yes ☐ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☐ No *If yes* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☑ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

205A1 12B1 2WA1

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: B3 | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.3 | Corrected Temp (°C): 1.3

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 5/5/26 | TIME 1640 | Received By:

Delivery Type. ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other _____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 2 of 4

Cooler Custody Seals Present? ☐ Yes ☐ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☐ No *If yes* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

408) 294-7 IKAH 2014

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other. _____ ☐ NONE

Thermometer ID: B3 | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.2 | Corrected Temp (°C): 1.2

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 5/5/26 | TIME 1640 | Received By.

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 3 of 4

Cooler Custody Seals Present? ☐ Yes ☐ No *If yes* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☐ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☑ No *If yes:* Which VOA samples are in cooler? ↓

WH-1, 1B, WH-2, 3B, WH-4, WH-6

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: ☐ NONE

Thermometer ID: B3 | Correction Factor (°C) 0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.6 | Corrected Temp (°C): 1.6

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 5/5/26 | TIME 1640 | Received By.

Delivery Type. ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other._____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 4 of 4

Cooler Custody Seals Present? ☐ Yes ☐ No *If yes.* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☐ No *If yes* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☒ No *If yes:* Which VOA samples are in cooler? ↓

VT-3, 810A, 103, 1113, 312A

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: B3 | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.5 | Corrected Temp (°C): 1.5

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE. If yes, contact PM before proceeding If no, proceed with login

Additional Comments

331233

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

Client Information	Sampler: Joel Fuhrmeister	Lab PM: Calhoun, Conner M	Carrier Tracking No(s):	COC No: 310-105392-28018.1
Client Contact: Richard Wilson	Phone: 319-936-5194	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested:			
City: Omaha	TAT Requested (days):			
State, Zip: NE, 68106	Compliance Project: Δ Yes Δ No			
Phone: 402-392-6714(Tel)	PO #:			
Email: richard.wilson2@hdrinc.com	WO #:			
Project Name: Iowa City Landfill Spring 2025	Project #: 31018052			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: A - HCL; N - None; D - HNO3; B - NaOH; C8 - ZnAcetate/NaOH; Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code	Appendix 1	Appendix 2	TSS	Metals List- As, Ba, Co, Cu, Pb, Ni	App 1 VOCs Only	Sulfide	Natural Attenuation- Nitrate, sulfate, TOC, Fe, Mn	Dichlorodifluoromethane- 8260D	Bis(2-ethylhexyl) phthalate 8270E	Arsenic	Cobalt	Benzene only	Tetrachloroethene, trichloroethene, vinyl chloride-8260D	Special Instructions/Note:
WT-OF	5-4-26	8:11	G	Water		X		X		X									Natural Attenuation = NITRATE, Sulfate, TOC, 8020- Fe, Mn
WT-3	5-4-26	8:51	G	Water		X		X		X									
WT-1	5-4-26	8:21	G	Water		X		X		X									
WT-4	5-4-26	8:59	G	Water		X		X		X									
WT-2	5-4-26	8:36	G	Water		X		X		X									
MW-39B	5-4-26	1335	G	Water		X		X		X									
MW-1B	5-4-26	1403	G	Water		X		X		X									
MW-20B	5-4-26	1303	G	Water		X		X		X									
MW-310A	5-4-26	10:53	G	Water		X		X		X									
MW-200A	5-4-26	1432	G	Water				X	X	X									8151 (Silvex, 2,4,5-TP)
MW-312A	5-4-26	9:56	G	Water		X		X		X									

Possible Hazard Identification
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client Disposal By Lab Archive For Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 5/5/26 1100	Company: CalC	Received by:	Date/Time: 5/5/26	Company: for Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/5 1600	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

5/18/2026

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

Client Information	Sampler: Joel Fehrmann/Ster	Lab PM: Calhoun, Conner M	Carrier Tracking No(s):	COC No: 310-105392-28018.1
Client Contact: Richard Wilson	Phone: 319-936-5194	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested:	Analysis Requested		Preservation Codes: A - HCL; N - None; D - HNO3; B - NaOH; CB ZnAcetate/NaOH
City: Omaha	TAT Requested (days):			
State, Zip: NE, 68106	Compliance Project: Δ Yes Δ No			
Phone: 402-392-8714(Tel)	PO #:			
Email: richard.wilson2@hdrinc.com	WO #:			
Project Name: Iowa City Landfill Spring 2025	Project #: 31018052			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil,	Appendix 1	Appendix 2	TSS	Metals List- As, Ba, Co, Cu, Pb, Ni	App 1 VOCs Only	Sulfide	Natural Attenuation- Nitrate, sulfate TOC, Fe, Mn	Dichlorodifluoromethane- 8260D	Bis(2-ethylhexyl) phthalate 8270E	Arsenic	Cobalt	Benzene only	Tetrachloroethene, trichloroethene, vinyl chloride- 8260D	Special Instructions/Note.
			Preservation Code:															
MW-12B	5-4-26	10:20	G	Water				X	X									Natural Attenuation = NITRATE, Sulfate, TOC, 6020- Fe, Mn
MW-11B	5-4-26	1238	G	Water		X		X		X		X						Natural Attenuation
MW-205A	5-4-26	9:15	G	Water			X	X										
MW-18AR	5-5-26	7:35	G	Water				X	X	X	X		X					
MW-201A	5-5-26	8:06	G	Water				X	X	X								8082 (PCB 1221)
MW-408	5-5-26	9:17	G	Water		X		X		X								
MW-29A	5-5-26	8:51	G	Water				X	X	X								8151(5 hex (2HS-TP))
				Water														
				Water														
				Water														
				Water														

Possible Hazard Identification
Non-Hazard *Flammable* *Skin Irritant* *Poison B* *Unknown* *Radiological*
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client *Disposal By Lab* *Archive For* *Months*
Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 5/5 1650	Company: COIC	Received by:	Date/Time: 5/5 1100	Company: ER Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) oC and Other Remarks:

Ver: 05/06/2024

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-93969.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): State - Iowa; State Program - Iowa		Job #: 310-331233-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 5/14/2026			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill	Project #: 31018052			
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8321B_Herb/8321B_W_PrepAppendix II Herbicides	8321B_Herb/8321B_W_PrepSilvex	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-205A (310-331233-14)	5/4/26	09:15 Central	G	Water			X		2	
MW-29A (310-331233-18)	5/5/26	08:51 Central	G	Water				X	2	

Analysis Requested

Preservation Codes:
-

Other:
N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 5826 1435	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/26/26 1025	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2-0.8 C-0.5

Ver: 03/20/2026

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun Conner M	Carrier Tracking No(s): N/A	COC No: 310-93972 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa State Program Iowa		Job #: 310-331233-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 5/14/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill	Project #: 31018052			
Site: N/A	SSOW#: N/A			

310-331233 COC

Analysis Requested

Preservation Codes.

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005AAppendix II Metals	7470A/7470A_Prep	9034_Calc	6020B/3005A(MOD) Appendix I Metals by ICP/MS	6020B/3005AMetal list As, Ba, Co, Cu, Pb, Ni	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
MW-205A (310-331233-14)	5/4/26	09.15 Central	G	Water			X	X	X			1	
MW-408 (310-331233-17)	5/5/26	09:17 Central	G	Water						X		1	
MW-29A (310-331233-18)	5/5/26	08 51 Central	G	Water							X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/6/26 1515			5/7/26 0910	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4.6→4.5

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-93974 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 2
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa; State Program Iowa		Job #: 310-331233-1
Address: 18410 Crossing Drive Suite E,	Due Date Requested: 5/14/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill	Project #: 31018052			
Site: N/A	SSOW#: N/A			

310-331233 COC

Analysis Requested

Preservation Codes.

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005A(MOD) Appendix I Metals by ICP/MS	6020B/3005AMetal list As, Ba, Co, Cu, Pb, Ni	6020B/3005A(MOD) Appendix I Metals + Iron, Manganes	6020B/3005AAppendix II Metals	7470A/7470A_Prep	9034_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
WT-OF (310-331233-1)	5/4/26	08.11 Central	G	Water			X						1	
WT-3 (310-331233-2)	5/4/26	08:51 Central	G	Water			X						1	
WT 1 (310-331233-3)	5/4/26	08:21 Central	G	Water			X						1	
WT-4 (310-331233-4)	5/4/26	08:59 Central	G	Water			X						1	
WT-2 (310-331233-5)	5/4/26	08:36 Central	G	Water			X						1	
MW-39B (310-331233-6)	5/4/26	13:35 Central	G	Water			X						1	
MW-1B (310-331233-7)	5/4/26	14:03 Central	G	Water			X						1	
MW-10B (310-331233-8)	5/4/26	13:03 Central	G	Water			X						1	
MW-310A (310-331233-9)	5/4/26	10:52 Central	G	Water			X						1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* *Months*
Deliverable Requested: I II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/6 1545			5/7/26 0910	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks. 4.4-2.3

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-93974.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 2 of 2
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa; State Program Iowa		Job #: 310-331233-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 5/14/2026	Analysis Requested		Preservation Codes:
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill	Project #: 31018052			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005A(MOD) Appendix I Metals by ICP/MS	6020B/3005AMetal list As, Ba, Co, Cu, Pb, Ni	6020B/3005A(MOD) Appendix I Metals + Iron, Manganes	6020B/3005AAppendix II Metals	7470A/7470A_Prep	9034_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
MW-200A (310-331233-10)	5/4/26	14:32 Central	G	Water				X					1	
MW-312A (310-331233-11)	5/4/26	09.56 Central	G	Water			X						1	
MW-12B (310-331233-12)	5/4/26	10:20 Central	G	Water				X					1	
MW-11B (310-331233-13)	5/4/26	12.38 Central	G	Water					X				1	
MW-205A (310-331233-14)	5/4/26	09:15 Central	G	Water						X	X	X	1	
MW-18AR (310-331233-15)	5/5/26	07.35 Central	G	Water				X					1	
MW-201A (310-331233-16)	5/5/26	08:06 Central	G	Water				X					1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	5/6/26 1545			5/7/26 0910	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-331233-1

Login Number: 331233

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Patterson, Brody

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-331233-1

Login Number: 331233
List Number: 2
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 05/07/26 01:03 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-331233-1

Login Number: 331233
List Number: 3
Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 05/07/26 03:07 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Quantitation Limit Exceptions Summary

Client: HDR Inc
Job ID: 310-331233-1
Project/Site: Iowa City Landfill

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260D	1,2-Dibromo-3-Chloropropane	Water	Total/NA	ug/L	1.20	5.0
8260D	1,2-Dibromoethane (EDB)	Water	Total/NA	ug/L	0.340	1.0

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106

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JOB DESCRIPTION

Iowa City Landfill Spring 2026

JOB NUMBER

310-331613-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

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Job Narrative
310-331613-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 5/8/2026 9:41 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.2°C, 1.4°C and 1.6°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 310-488711 recovered above the upper control limit for 2-Hexanone (27%D). The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is:(CCV 310-488711/3).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-488711 recovered above the upper control limit for Vinyl chloride (25%D), Chloromethane (40%D), and Bromomethane (33%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-488711/4).

Method 8260D: The laboratory control sample (LCS) for analytical batch 310-488711 recovered outside control limits for the following analytes: Chloromethane and Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container: Trip Blank 1 (310-331613-19).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 310-488619 and analytical batch 310-489231 recovered outside control limits for the following analytes: Methapyrilene.

Method 8270E: The laboratory control sample (LCS) for preparation batch 310-488619 and analytical batch 310-489231 recovered outside control limits for the following analytes: 3-Methylcholanthrene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 310-488619 and analytical batch 310-489231 recovered outside control limits for the following analyte(s): 1,4-phenylenediamine. 1,4-phenylenediamine have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-489231 recovered above the upper control limit for methyl parathion (22 %D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-489231/15).

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-488740 recovered outside acceptance criteria, low biased, for 4,4-DDT (-52 %D) and Methoxychlor (-43 %D). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270E: The continuing calibration verification (CCV) associated with batch 310-488740 recovered above the upper control

limit for 4,4-DDD (31 %D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-488740/3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Herbicides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 500-867200 recovered above the upper control limit for Antimony and Cobalt. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:MW-202A (310-331613-9), MW-17A-00 (310-331613-10), MW-214A (310-331613-11), MW-216A (310-331613-15), MW-34A (310-331613-16) and MW-38A (310-331613-17).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 9034: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: MW-213A (310-331613-14).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-331613-1	MW-14B	Water	05/05/26 13:00	05/08/26 09:41	Iowa
310-331613-2	MW-8B	Water	05/05/26 10:28	05/08/26 09:41	Iowa
310-331613-3	MW-204A	Water	05/05/26 10:56	05/08/26 09:41	Iowa
310-331613-4	MW-208B	Water	05/05/26 13:32	05/08/26 09:41	Iowa
310-331613-5	MW-203A	Water	05/05/26 13:57	05/08/26 09:41	Iowa
310-331613-6	MW-210B	Water	05/05/26 12:12	05/08/26 09:41	Iowa
310-331613-7	MW-5B	Water	05/05/26 12:35	05/08/26 09:41	Iowa
310-331613-8	MW-7B1	Water	05/05/26 10:07	05/08/26 09:41	Iowa
310-331613-9	MW-202A	Water	05/06/26 08:25	05/08/26 09:41	Iowa
310-331613-10	MW-17A-00	Water	05/06/26 07:53	05/08/26 09:41	Iowa
310-331613-11	MW-214A	Water	05/06/26 07:20	05/08/26 09:41	Iowa
310-331613-12	MW-215A	Water	05/06/26 09:30	05/08/26 09:41	Iowa
310-331613-13	MW-31B	Water	05/06/26 09:02	05/08/26 09:41	Iowa
310-331613-14	MW-213A	Water	05/06/26 10:08	05/08/26 09:41	Iowa
310-331613-15	MW-216A	Water	05/06/26 13:59	05/08/26 09:41	Iowa
310-331613-16	MW-34A	Water	05/06/26 13:09	05/08/26 09:41	Iowa
310-331613-17	MW-38A	Water	05/06/26 12:04	05/08/26 09:41	Iowa
310-331613-18	MW-23A	Water	05/06/26 12:35	05/08/26 09:41	Iowa
310-331613-19	Trip Blank 1	Water	05/06/26 00:00	05/08/26 09:41	Iowa
310-331613-20	Trip Blank 2	Water	05/06/26 00:00	05/08/26 09:41	Iowa
310-331613-21	Trip Blank 3	Water	05/06/26 00:00	05/08/26 09:41	Iowa

Detection Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-14B — Lab Sample ID: 310-331613-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00144		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.391		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.00496		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.00182	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.0101		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	5.37		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-8B — Lab Sample ID: 310-331613-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0138		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.260		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.00873		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.000756	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.0131		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	24.3		5.00	2.80	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-204A — Lab Sample ID: 310-331613-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00903		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.168		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Copper	0.00316		0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Lead	0.000521		0.000500	0.000186	mg/L	1		6020B	Total Recoverable
Nickel	0.00224		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	8.37		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-208B — Lab Sample ID: 310-331613-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00289		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.0631		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Copper	0.00325		0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.000936	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	4.75		1.88	1.05	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-203A — Lab Sample ID: 310-331613-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.319		0.00250	0.000730	mg/L	1		6020B	Total Recoverable

Client Sample ID: MW-210B — Lab Sample ID: 310-331613-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00738		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.146		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.00240		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.000781	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Lead	0.000328	J	0.000500	0.000186	mg/L	1		6020B	Total Recoverable
Nickel	0.00979		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	72.7		5.00	2.80	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-5B — Lab Sample ID: 310-331613-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000585	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.170		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.000721	J	0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.00245		0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.00198	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	1.88		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-7B1 — Lab Sample ID: 310-331613-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00718		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.517		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Nickel	0.000894	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	33.0		5.00	2.80	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-202A — Lab Sample ID: 310-331613-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000365	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.300		0.00250	0.000730	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-17A-00 — Lab Sample ID: 310-331613-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.498		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Nickel	0.000843	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	4.25		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-214A — Lab Sample ID: 310-331613-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000265	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.254		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Nickel	0.00137	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	4.00		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-215A — Lab Sample ID: 310-331613-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00269		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.206		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.00238		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.00754		0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Lead	0.00368		0.000500	0.000186	mg/L	1		6020B	Total Recoverable
Nickel	0.00756		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	216		15.0	8.40	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-31B — Lab Sample ID: 310-331613-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00196		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.478		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Chromium	0.00412	J	0.00500	0.00114	mg/L	1		6020B	Total Recoverable
Cobalt	0.00109		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.00277		0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Lead	0.00177		0.000500	0.000186	mg/L	1		6020B	Total Recoverable
Nickel	0.00297		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.00537	B	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	78.5		7.50	4.20	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-213A — Lab Sample ID: 310-331613-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000897	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.0813		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.00586		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.00130	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Lead	0.000189	J	0.000500	0.000186	mg/L	1		6020B	Total Recoverable
Nickel	0.00283		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.00131	B	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	16.0		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-216A — Lab Sample ID: 310-331613-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000254	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.0572		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Copper	0.00137	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.00434		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.00108	B	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	15.9		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-34A — Lab Sample ID: 310-331613-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000534	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.394		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Nickel	0.000816	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000452	B	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	1.75	J	1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-38A — Lab Sample ID: 310-331613-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.344		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Chromium	0.00271	J	0.00500	0.00114	mg/L	1		6020B	Total Recoverable
Copper	0.000763	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Vanadium	0.00159	B	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	4.00		1.88	1.05	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-23A — Lab Sample ID: 310-331613-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000330	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.344		0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Copper	0.00103	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Lead	0.000220	J	0.000500	0.000186	mg/L	1		6020B	Total Recoverable
Nickel	0.00189	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	8.13		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: Trip Blank 1 — Lab Sample ID: 310-331613-19

No Detections.

Client Sample ID: Trip Blank 2 — Lab Sample ID: 310-331613-20

No Detections.

Client Sample ID: Trip Blank 3 — Lab Sample ID: 310-331613-21

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-14B
Lab Sample ID: 310-331613-1

Date Collected: 05/05/26 13:00
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00144**		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:15	1
Barium	**0.391**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:15	1
Cobalt	**0.00496**		0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:15	1
Copper	**0.00182**	**J**	0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:15	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:15	1
Nickel	**0.0101**		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**5.37**		1.88	1.05	mg/L			05/11/26 13:06	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-8B
Lab Sample ID: 310-331613-2

Date Collected: 05/05/26 10:28
Matrix: Water

Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0138		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:29	1
Barium	0.260		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:29	1
Cobalt	0.00873		0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:29	1
Copper	0.000756	J	0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:29	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:29	1
Nickel	0.0131		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	24.3		5.00	2.80	mg/L			05/11/26 13:06	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-204A
Lab Sample ID: 310-331613-3

Date Collected: 05/05/26 10:56
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00903**		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:32	1
Barium	**0.168**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:32	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:32	1
Copper	**0.00316**		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:32	1
Lead	**0.000521**		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:32	1
Nickel	**0.00224**		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**8.37**		1.88	1.05	mg/L			05/11/26 13:06	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-208B
Lab Sample ID: 310-331613-4
Date Collected: 05/05/26 13:32
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00289		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:34	1
Barium	0.0631		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:34	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:34	1
Copper	0.00325		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:34	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:34	1
Nickel	0.000936	J	0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	4.75		1.88	1.05	mg/L			05/11/26 13:06	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-203A
Lab Sample ID: 310-331613-5
Date Collected: 05/05/26 13:57
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:36	1
Barium	**0.319**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:36	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:36	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:36	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:36	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/11/26 13:06	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-210B
Lab Sample ID: 310-331613-6
Date Collected: 05/05/26 12:12
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00738		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:39	1
Barium	0.146		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:39	1
Cobalt	0.00240		0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:39	1
Copper	0.000781	J	0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:39	1
Lead	0.000328	J	0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:39	1
Nickel	0.00979		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	72.7		5.00	2.80	mg/L			05/11/26 13:06	1

Client Sample Results

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-5B
Lab Sample ID: 310-331613-7

Date Collected: 05/05/26 12:35
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000585	J	0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:41	1
Barium	0.170		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:41	1
Cobalt	0.000721	J	0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:41	1
Copper	0.00245		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:41	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:41	1
Nickel	0.00198	J	0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	1.88		1.88	1.05	mg/L			05/11/26 13:06	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-7B1

Lab Sample ID: 310-331613-8

Date Collected: 05/05/26 10:07

Matrix: Water

Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00718**		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:44	1
Barium	**0.517**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:44	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:44	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:44	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:44	1
Nickel	**0.000894**	**J**	0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**33.0**		5.00	2.80	mg/L			05/11/26 13:06	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-202A
Lab Sample ID: 310-331613-9

Date Collected: 05/06/26 08:25
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.000365**	**J**	0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:51	1
Barium	**0.300**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:51	1
Cobalt	<0.00100	^+	0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:51	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:51	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:51	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/12/26 10:56	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-17A-00
Lab Sample ID: 310-331613-10

Date Collected: 05/06/26 07:53
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:54	1
Barium	**0.498**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:54	1
Cobalt	<0.00100	^+	0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:54	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:54	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:54	1
Nickel	**0.000843**	**J**	0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.25**		1.88	1.05	mg/L			05/12/26 10:56	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-214A
Lab Sample ID: 310-331613-11

Date Collected: 05/06/26 07:20
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.000265**	**J**	0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:56	1
Barium	**0.254**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:56	1
Cobalt	<0.00100	^+	0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:56	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:56	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:56	1
Nickel	**0.00137**	**J**	0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.00**		1.88	1.05	mg/L			05/12/26 10:56	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-215A
Lab Sample ID: 310-331613-12

Date Collected: 05/06/26 09:30
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00269		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:59	1
Barium	0.206		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:59	1
Cobalt	0.00238		0.00100	0.000402	mg/L		05/16/26 06:39	05/19/26 12:40	1
Copper	0.00754		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:59	1
Lead	0.00368		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:59	1
Nickel	0.00756		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	216		15.0	8.40	mg/L			05/12/26 10:56	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-31B
Lab Sample ID: 310-331613-13
Date Collected: 05/06/26 09:02
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/13/26 21:23	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/13/26 21:23	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/13/26 21:23	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/13/26 21:23	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/13/26 21:23	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/13/26 21:23	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/13/26 21:23	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/13/26 21:23	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/13/26 21:23	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/13/26 21:23	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/13/26 21:23	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/13/26 21:23	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/13/26 21:23	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/13/26 21:23	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/13/26 21:23	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/13/26 21:23	1
Acetone	<10.0		10.0	3.80	ug/L			05/13/26 21:23	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/13/26 21:23	1
Benzene	<0.500		0.500	0.220	ug/L			05/13/26 21:23	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/13/26 21:23	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/13/26 21:23	1
Bromoform	<5.00		5.00	2.60	ug/L			05/13/26 21:23	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/13/26 21:23	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/13/26 21:23	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/13/26 21:23	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/13/26 21:23	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/13/26 21:23	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/13/26 21:23	1
Chloroform	<3.00		3.00	1.30	ug/L			05/13/26 21:23	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/13/26 21:23	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/13/26 21:23	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/13/26 21:23	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/13/26 21:23	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/13/26 21:23	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/13/26 21:23	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/13/26 21:23	1
Styrene	<1.00		1.00	0.370	ug/L			05/13/26 21:23	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/13/26 21:23	1
Toluene	<1.00		1.00	0.430	ug/L			05/13/26 21:23	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/13/26 21:23	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/13/26 21:23	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/13/26 21:23	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/13/26 21:23	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/13/26 21:23	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/13/26 21:23	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/13/26 21:23	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/13/26 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*119*		*76 - 130*		*05/13/26 21:23*	*1*

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-31B
Lab Sample ID: 310-331613-13

Date Collected: 05/06/26 09:02
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/13/26 21:23*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*05/13/26 21:23*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/16/26 06:39	05/18/26 20:01	1
Arsenic	**0.00196**		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 20:01	1
Barium	**0.478**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 20:01	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/16/26 06:39	05/18/26 20:01	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/16/26 06:39	05/18/26 20:01	1
Chromium	**0.00412**	**J**	0.00500	0.00114	mg/L		05/16/26 06:39	05/18/26 20:01	1
Cobalt	**0.00109**		0.00100	0.000402	mg/L		05/16/26 06:39	05/19/26 12:43	1
Copper	**0.00277**		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 20:01	1
Lead	**0.00177**		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 20:01	1
Nickel	**0.00297**		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 20:01	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/16/26 06:39	05/18/26 20:01	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/16/26 06:39	05/18/26 20:01	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/16/26 06:39	05/18/26 20:01	1
Vanadium	**0.00537**	**B**	0.000270	0.0000843	mg/L		05/16/26 06:39	05/18/26 20:01	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/16/26 06:39	05/18/26 20:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**78.5**		7.50	4.20	mg/L			05/12/26 12:23	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-213A
Lab Sample ID: 310-331613-14
Date Collected: 05/06/26 10:08
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/13/26 21:45	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/13/26 21:45	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/13/26 21:45	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/13/26 21:45	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/13/26 21:45	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/13/26 21:45	1
1,1-Dichloropropene	<1.00		1.00	0.410	ug/L			05/13/26 21:45	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/13/26 21:45	1
1,2,4-Trichlorobenzene	<5.00		5.00	1.90	ug/L			05/13/26 21:45	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/13/26 21:45	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/13/26 21:45	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/13/26 21:45	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/13/26 21:45	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/13/26 21:45	1
1,3-Dichlorobenzene	<1.00		1.00	0.470	ug/L			05/13/26 21:45	1
1,3-Dichloropropane	<1.00		1.00	0.390	ug/L			05/13/26 21:45	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/13/26 21:45	1
2,2-Dichloropropane	<4.00		4.00	0.690	ug/L			05/13/26 21:45	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/13/26 21:45	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/13/26 21:45	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/13/26 21:45	1
Acetone	<10.0		10.0	3.80	ug/L			05/13/26 21:45	1
Acrolein	<10.0		10.0	3.60	ug/L			05/13/26 21:45	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/13/26 21:45	1
Allyl chloride	<2.00		2.00	0.700	ug/L			05/13/26 21:45	1
Benzene	<0.500		0.500	0.220	ug/L			05/13/26 21:45	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/13/26 21:45	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/13/26 21:45	1
Bromoform	<5.00		5.00	2.60	ug/L			05/13/26 21:45	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/13/26 21:45	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/13/26 21:45	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/13/26 21:45	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/13/26 21:45	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/13/26 21:45	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/13/26 21:45	1
Chloroform	<3.00		3.00	1.30	ug/L			05/13/26 21:45	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/13/26 21:45	1
Chloroprene	<1.00		1.00	0.320	ug/L			05/13/26 21:45	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/13/26 21:45	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/13/26 21:45	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/13/26 21:45	1
Dichlorodifluoromethane	<3.00		3.00	0.850	ug/L			05/13/26 21:45	1
Ethyl methacrylate	<2.00		2.00	0.630	ug/L			05/13/26 21:45	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/13/26 21:45	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/13/26 21:45	1
Methacrylonitrile	<10.0		10.0	3.30	ug/L			05/13/26 21:45	1
Methyl methacrylate	<2.00		2.00	0.760	ug/L			05/13/26 21:45	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/13/26 21:45	1
Naphthalene	<5.00		5.00	1.80	ug/L			05/13/26 21:45	1

Client Sample ID: MW-213A
Lab Sample ID: 310-331613-14

Date Collected: 05/06/26 10:08
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	<10.0		10.0	3.40	ug/L			05/13/26 21:45	1
Styrene	<1.00		1.00	0.370	ug/L			05/13/26 21:45	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/13/26 21:45	1
Toluene	<1.00		1.00	0.430	ug/L			05/13/26 21:45	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/13/26 21:45	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/13/26 21:45	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/13/26 21:45	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/13/26 21:45	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/13/26 21:45	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/13/26 21:45	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/13/26 21:45	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/13/26 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*118*		*76 - 130*		*05/13/26 21:45*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/13/26 21:45*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*05/13/26 21:45*	*1*

Method: SW846 8270E - Organochlorine Pesticides by GC-MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.119		0.119	0.0178	ug/L		05/12/26 12:36	05/12/26 22:42	1
4,4'-DDE	<0.119		0.119	0.0128	ug/L		05/12/26 12:36	05/12/26 22:42	1
4,4'-DDT	<0.119		0.119	0.0148	ug/L		05/12/26 12:36	05/12/26 22:42	1
Aldrin	<0.119		0.119	0.0356	ug/L		05/12/26 12:36	05/12/26 22:42	1
alpha-BHC	<0.119		0.119	0.0188	ug/L		05/12/26 12:36	05/12/26 22:42	1
beta-BHC	<0.119		0.119	0.0188	ug/L		05/12/26 12:36	05/12/26 22:42	1
Chlordane (technical)	<4.94		4.94	1.09	ug/L		05/12/26 12:36	05/12/26 22:42	1
delta-BHC	<0.119		0.119	0.0128	ug/L		05/12/26 12:36	05/12/26 22:42	1
Dieldrin	<0.119		0.119	0.0356	ug/L		05/12/26 12:36	05/12/26 22:42	1
Endosulfan I	<0.119		0.119	0.0415	ug/L		05/12/26 12:36	05/12/26 22:42	1
Endosulfan II	<0.119		0.119	0.0494	ug/L		05/12/26 12:36	05/12/26 22:42	1
Endosulfan sulfate	<0.119		0.119	0.0524	ug/L		05/12/26 12:36	05/12/26 22:42	1
Endrin	<0.119		0.119	0.0287	ug/L		05/12/26 12:36	05/12/26 22:42	1
Endrin aldehyde	<0.494		0.494	0.0435	ug/L		05/12/26 12:36	05/12/26 22:42	1
gamma-BHC (Lindane)	<0.119		0.119	0.0247	ug/L		05/12/26 12:36	05/12/26 22:42	1
Heptachlor	<0.119		0.119	0.0257	ug/L		05/12/26 12:36	05/12/26 22:42	1
Heptachlor epoxide	<0.119		0.119	0.0524	ug/L		05/12/26 12:36	05/12/26 22:42	1
Methoxychlor	<0.119		0.119	0.0573	ug/L		05/12/26 12:36	05/12/26 22:42	1
Toxaphene	<4.94		4.94	0.810	ug/L		05/12/26 12:36	05/12/26 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*93*		*13 - 150*	*05/12/26 12:36*	*05/12/26 22:42*	*1*
Nitrobenzene-d5 (Surr)	*107*		*22 - 150*	*05/12/26 12:36*	*05/12/26 22:42*	*1*
Terphenyl-d14 (Surr)	*112*		*10 - 150*	*05/12/26 12:36*	*05/12/26 22:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<10.4		10.4	0.667	ug/L		05/12/26 06:47	05/18/26 17:06	1
Acenaphthylene	<10.4		10.4	0.750	ug/L		05/12/26 06:47	05/18/26 17:06	1
Acetophenone	<10.4		10.4	0.719	ug/L		05/12/26 06:47	05/18/26 17:06	1

Client Sample ID: MW-213A
Lab Sample ID: 310-331613-14
Date Collected: 05/06/26 10:08
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Acetylaminofluorene	<10.4		10.4	2.81	ug/L		05/12/26 06:47	05/18/26 17:06	1
4-Aminobiphenyl	<10.4		10.4	2.29	ug/L		05/12/26 06:47	05/18/26 17:06	1
Anthracene	<10.4		10.4	0.906	ug/L		05/12/26 06:47	05/18/26 17:06	1
Benzo[a]anthracene	<10.4		10.4	0.885	ug/L		05/12/26 06:47	05/18/26 17:06	1
Benzo[a]pyrene	<10.4		10.4	8.44	ug/L		05/12/26 06:47	05/18/26 17:06	1
Benzo[b]fluoranthene	<10.4		10.4	5.10	ug/L		05/12/26 06:47	05/18/26 17:06	1
Benzo[g,h,i]perylene	<10.4		10.4	6.56	ug/L		05/12/26 06:47	05/18/26 17:06	1
Benzo[k]fluoranthene	<10.4		10.4	2.29	ug/L		05/12/26 06:47	05/18/26 17:06	1
Benzyl alcohol	<10.4		10.4	1.35	ug/L		05/12/26 06:47	05/18/26 17:06	1
Bis(2-chloroethoxy)methane	<10.4		10.4	0.792	ug/L		05/12/26 06:47	05/18/26 17:06	1
Bis(2-chloroethyl)ether	<10.4		10.4	0.854	ug/L		05/12/26 06:47	05/18/26 17:06	1
bis (2-chloroisopropyl) ether	<10.4		10.4	0.563	ug/L		05/12/26 06:47	05/18/26 17:06	1
Bis(2-ethylhexyl) phthalate	<10.4		10.4	5.73	ug/L		05/12/26 06:47	05/18/26 17:06	1
4-Bromophenyl phenyl ether	<10.4		10.4	0.729	ug/L		05/12/26 06:47	05/18/26 17:06	1
Butyl benzyl phthalate	<10.4		10.4	5.63	ug/L		05/12/26 06:47	05/18/26 17:06	1
4-Chloroaniline	<10.4		10.4	0.646	ug/L		05/12/26 06:47	05/18/26 17:06	1
Chlorobenzilate	<10.4		10.4	3.75	ug/L		05/12/26 06:47	05/18/26 17:06	1
4-Chloro-3-methylphenol	<10.4		10.4	0.875	ug/L		05/12/26 06:47	05/18/26 17:06	1
2-Chloronaphthalene	<10.4		10.4	0.667	ug/L		05/12/26 06:47	05/18/26 17:06	1
2-Chlorophenol	<10.4		10.4	0.563	ug/L		05/12/26 06:47	05/18/26 17:06	1
4-Chlorophenyl phenyl ether	<10.4		10.4	0.719	ug/L		05/12/26 06:47	05/18/26 17:06	1
Chrysene	<10.4		10.4	0.906	ug/L		05/12/26 06:47	05/18/26 17:06	1
Diallate	<10.4		10.4	4.17	ug/L		05/12/26 06:47	05/18/26 17:06	1
Dibenzo(a,h)anthracene	<10.4		10.4	4.06	ug/L		05/12/26 06:47	05/18/26 17:06	1
Dibenzofuran	<10.4		10.4	0.771	ug/L		05/12/26 06:47	05/18/26 17:06	1
3,3'-Dichlorobenzidine	<10.4		10.4	1.46	ug/L		05/12/26 06:47	05/18/26 17:06	1
2,4-Dichlorophenol	<10.4		10.4	0.885	ug/L		05/12/26 06:47	05/18/26 17:06	1
2,6-Dichlorophenol	<10.4		10.4	0.719	ug/L		05/12/26 06:47	05/18/26 17:06	1
Diethyl phthalate	<10.4		10.4	1.77	ug/L		05/12/26 06:47	05/18/26 17:06	1
Dimethoate	<10.4		10.4	3.75	ug/L		05/12/26 06:47	05/18/26 17:06	1
7,12-Dimethylbenz(a)anthracene	<10.4		10.4	1.98	ug/L		05/12/26 06:47	05/18/26 17:06	1
3,3'-Dimethylbenzidine	<10.4		10.4	1.56	ug/L		05/12/26 06:47	05/18/26 17:06	1
2,4-Dimethylphenol	<10.4		10.4	0.604	ug/L		05/12/26 06:47	05/18/26 17:06	1
Dimethyl phthalate	<10.4		10.4	1.04	ug/L		05/12/26 06:47	05/18/26 17:06	1
Di-n-butyl phthalate	<10.4		10.4	5.83	ug/L		05/12/26 06:47	05/18/26 17:06	1
1,3-Dinitrobenzene	<10.4		10.4	3.33	ug/L		05/12/26 06:47	05/18/26 17:06	1
4,6-Dinitro-2-methylphenol	<15.6		15.6	7.19	ug/L		05/12/26 06:47	05/18/26 17:06	1
2,4-Dinitrophenol	<20.8		20.8	13.5	ug/L		05/12/26 06:47	05/18/26 17:06	1
2,4-Dinitrotoluene	<10.4		10.4	6.67	ug/L		05/12/26 06:47	05/18/26 17:06	1
2,6-Dinitrotoluene	<10.4		10.4	0.542	ug/L		05/12/26 06:47	05/18/26 17:06	1
Di-n-octyl phthalate	<20.8		20.8	7.29	ug/L		05/12/26 06:47	05/18/26 17:06	1
Dinoseb	<10.4		10.4	2.50	ug/L		05/12/26 06:47	05/18/26 17:06	1
Diphenylamine	<10.4		10.4	6.25	ug/L		05/12/26 06:47	05/18/26 17:06	1
Disulfoton	<10.4		10.4	2.50	ug/L		05/12/26 06:47	05/18/26 17:06	1
Ethyl methanesulfonate	<10.4		10.4	3.75	ug/L		05/12/26 06:47	05/18/26 17:06	1
Ethyl Parathion	<10.4		10.4	2.29	ug/L		05/12/26 06:47	05/18/26 17:06	1
Famphur	<10.4		10.4	3.96	ug/L		05/12/26 06:47	05/18/26 17:06	1
Fluoranthene	<10.4		10.4	1.77	ug/L		05/12/26 06:47	05/18/26 17:06	1
Fluorene	<10.4		10.4	0.823	ug/L		05/12/26 06:47	05/18/26 17:06	1

Client Sample ID: MW-213A
Lab Sample ID: 310-331613-14
Date Collected: 05/06/26 10:08
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<10.4		10.4	0.729	ug/L		05/12/26 06:47	05/18/26 17:06	1
Hexachlorobutadiene	<10.4		10.4	0.896	ug/L		05/12/26 06:47	05/18/26 17:06	1
Hexachlorocyclopentadiene	<10.4		10.4	5.31	ug/L		05/12/26 06:47	05/18/26 17:06	1
Hexachloroethane	<10.4		10.4	1.01	ug/L		05/12/26 06:47	05/18/26 17:06	1
Hexachloropropene	<10.4		10.4	2.71	ug/L		05/12/26 06:47	05/18/26 17:06	1
Indeno[1,2,3-cd]pyrene	<10.4		10.4	4.38	ug/L		05/12/26 06:47	05/18/26 17:06	1
Isodrin	<10.4		10.4	4.90	ug/L		05/12/26 06:47	05/18/26 17:06	1
Isophorone	<10.4		10.4	0.969	ug/L		05/12/26 06:47	05/18/26 17:06	1
Isosafrole	<10.4		10.4	2.40	ug/L		05/12/26 06:47	05/18/26 17:06	1
Kepone	<10.4		10.4	1.04	ug/L		05/12/26 06:47	05/18/26 17:06	1
Methapyrilene	<10.4	*1	10.4	0.792	ug/L		05/12/26 06:47	05/18/26 17:06	1
3-Methylcholanthrene	<10.4	*+	10.4	0.333	ug/L		05/12/26 06:47	05/18/26 17:06	1
Methyl methanesulfonate	<10.4		10.4	3.44	ug/L		05/12/26 06:47	05/18/26 17:06	1
2-Methylnaphthalene	<10.4		10.4	0.615	ug/L		05/12/26 06:47	05/18/26 17:06	1
Methyl parathion	<10.4		10.4	2.40	ug/L		05/12/26 06:47	05/18/26 17:06	1
2-Methylphenol	<10.4		10.4	0.677	ug/L		05/12/26 06:47	05/18/26 17:06	1
Methylphenol, 3 & 4	<10.4		10.4	0.729	ug/L		05/12/26 06:47	05/18/26 17:06	1
1,4-Naphthoquinone	<10.4		10.4	3.75	ug/L		05/12/26 06:47	05/18/26 17:06	1
1-Naphthylamine	<10.4		10.4	2.60	ug/L		05/12/26 06:47	05/18/26 17:06	1
2-Naphthylamine	<10.4		10.4	2.19	ug/L		05/12/26 06:47	05/18/26 17:06	1
2-Nitroaniline	<10.4		10.4	6.15	ug/L		05/12/26 06:47	05/18/26 17:06	1
3-Nitroaniline	<10.4		10.4	2.81	ug/L		05/12/26 06:47	05/18/26 17:06	1
4-Nitroaniline	<10.4		10.4	1.35	ug/L		05/12/26 06:47	05/18/26 17:06	1
Nitrobenzene	<10.4		10.4	0.833	ug/L		05/12/26 06:47	05/18/26 17:06	1
5-Nitro-o-toluidine	<10.4		10.4	2.92	ug/L		05/12/26 06:47	05/18/26 17:06	1
2-Nitrophenol	<10.4		10.4	7.08	ug/L		05/12/26 06:47	05/18/26 17:06	1
4-Nitrophenol	<15.6		15.6	7.92	ug/L		05/12/26 06:47	05/18/26 17:06	1
N-Nitrosodiethylamine	<10.4		10.4	3.54	ug/L		05/12/26 06:47	05/18/26 17:06	1
N-Nitrosodimethylamine	<10.4		10.4	0.750	ug/L		05/12/26 06:47	05/18/26 17:06	1
N-Nitrosodi-n-butylamine	<10.4		10.4	4.06	ug/L		05/12/26 06:47	05/18/26 17:06	1
N-Nitrosodi-n-propylamine	<10.4		10.4	0.958	ug/L		05/12/26 06:47	05/18/26 17:06	1
N-Nitrosodiphenylamine	<10.4		10.4	0.781	ug/L		05/12/26 06:47	05/18/26 17:06	1
N-Nitrosomethylethylamine	<10.4		10.4	5.10	ug/L		05/12/26 06:47	05/18/26 17:06	1
N-Nitrosopiperidine	<10.4		10.4	2.81	ug/L		05/12/26 06:47	05/18/26 17:06	1
N-Nitrosopyrrolidine	<10.4		10.4	3.75	ug/L		05/12/26 06:47	05/18/26 17:06	1
o,o',o''-Triethylphosphorothioate	<10.4		10.4	3.33	ug/L		05/12/26 06:47	05/18/26 17:06	1
o-Toluidine	<10.4		10.4	3.02	ug/L		05/12/26 06:47	05/18/26 17:06	1
p-Dimethylamino azobenzene	<10.4		10.4	2.29	ug/L		05/12/26 06:47	05/18/26 17:06	1
Pentachlorobenzene	<10.4		10.4	2.92	ug/L		05/12/26 06:47	05/18/26 17:06	1
Pentachloronitrobenzene	<10.4		10.4	6.04	ug/L		05/12/26 06:47	05/18/26 17:06	1
Pentachlorophenol	<15.6		15.6	10.0	ug/L		05/12/26 06:47	05/18/26 17:06	1
Phenacetin	<10.4		10.4	1.98	ug/L		05/12/26 06:47	05/18/26 17:06	1
Phenanthrene	<10.4		10.4	0.823	ug/L		05/12/26 06:47	05/18/26 17:06	1
Phenol	<10.4		10.4	1.15	ug/L		05/12/26 06:47	05/18/26 17:06	1
1,4-phenylenediamine	<10.4	*- *1	10.4	1.98	ug/L		05/12/26 06:47	05/18/26 17:06	1
Phorate	<10.4		10.4	3.33	ug/L		05/12/26 06:47	05/18/26 17:06	1
Pronamide	<10.4		10.4	2.81	ug/L		05/12/26 06:47	05/18/26 17:06	1
Pyrene	<10.4		10.4	0.823	ug/L		05/12/26 06:47	05/18/26 17:06	1
Safrole	<10.4		10.4	2.92	ug/L		05/12/26 06:47	05/18/26 17:06	1

Client Sample ID: MW-213A
Lab Sample ID: 310-331613-14
Date Collected: 05/06/26 10:08
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	<10.4		10.4	0.563	ug/L		05/12/26 06:47	05/18/26 17:06	1
2,3,4,6-Tetrachlorophenol	<10.4		10.4	5.52	ug/L		05/12/26 06:47	05/18/26 17:06	1
Thionazin	<10.4		10.4	3.65	ug/L		05/12/26 06:47	05/18/26 17:06	1
2,4,5-Trichlorophenol	<10.4		10.4	5.52	ug/L		05/12/26 06:47	05/18/26 17:06	1
2,4,6-Trichlorophenol	<10.4		10.4	5.21	ug/L		05/12/26 06:47	05/18/26 17:06	1
1,3,5-Trinitrobenzene	<10.4		10.4	2.40	ug/L		05/12/26 06:47	05/18/26 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*33 - 126*	*05/12/26 06:47*	*05/18/26 17:06*	*1*
2-Fluorophenol (Surr)	*50*		*21 - 110*	*05/12/26 06:47*	*05/18/26 17:06*	*1*
Nitrobenzene-d5 (Surr)	*72*		*39 - 140*	*05/12/26 06:47*	*05/18/26 17:06*	*1*
Phenol-d5 (Surr)	*42*		*21 - 110*	*05/12/26 06:47*	*05/18/26 17:06*	*1*
Terphenyl-d14 (Surr)	*73*		*13 - 150*	*05/12/26 06:47*	*05/18/26 17:06*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*20 - 144*	*05/12/26 06:47*	*05/18/26 17:06*	*1*

Method: SW846 8015C - Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	<10.0		10.0	2.60	mg/L			05/15/26 14:53	1
Isobutanol	<10.0		10.0	2.40	mg/L			05/15/26 14:53	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.83		1.83	0.749	ug/L		05/14/26 10:56	05/18/26 21:06	1
PCB-1221	<1.83		1.83	0.749	ug/L		05/14/26 10:56	05/18/26 21:06	1
PCB-1232	<1.83		1.83	0.749	ug/L		05/14/26 10:56	05/18/26 21:06	1
PCB-1242	<1.83		1.83	0.749	ug/L		05/14/26 10:56	05/18/26 21:06	1
PCB-1248	<1.83		1.83	0.630	ug/L		05/14/26 10:56	05/18/26 21:06	1
PCB-1254	<1.83		1.83	0.630	ug/L		05/14/26 10:56	05/18/26 21:06	1
PCB-1260	<1.83		1.83	0.630	ug/L		05/14/26 10:56	05/18/26 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*85*		*10 - 150*	*05/14/26 10:56*	*05/18/26 21:06*	*1*
Tetrachloro-m-xylene	*89*	*p*	*17 - 150*	*05/14/26 10:56*	*05/18/26 21:06*	*1*

Method: SW846 8321B - Herbicides (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.100		0.100	0.0800	ug/L		05/13/26 11:45	05/13/26 15:25	1
Silvex (2,4,5-TP)	<0.100		0.100	0.0300	ug/L		05/13/26 11:45	05/13/26 15:25	1
2,4,5-T	<0.100		0.100	0.0400	ug/L		05/13/26 11:45	05/13/26 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*101*		*70 - 130*	*05/13/26 11:45*	*05/13/26 15:25*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/16/26 06:39	05/18/26 20:03	1
Arsenic	**0.000897**	**J**	0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 20:03	1
Barium	**0.0813**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 20:03	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/16/26 06:39	05/18/26 20:03	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/16/26 06:39	05/18/26 20:03	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/16/26 06:39	05/18/26 20:03	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-213A
Lab Sample ID: 310-331613-14
Date Collected: 05/06/26 10:08
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.00586**		0.00100	0.000402	mg/L		05/16/26 06:39	05/19/26 12:46	1
Copper	**0.00130**	**J**	0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 20:03	1
Lead	**0.000189**	**J**	0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 20:03	1
Nickel	**0.00283**		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 20:03	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/16/26 06:39	05/18/26 20:03	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/16/26 06:39	05/18/26 20:03	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/16/26 06:39	05/18/26 20:03	1
Tin	<0.00500		0.00500	0.00130	mg/L		05/16/26 06:39	05/18/26 20:03	1
Vanadium	**0.00131**	**B**	0.000270	0.0000843	mg/L		05/16/26 06:39	05/18/26 20:03	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/16/26 06:39	05/18/26 20:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.200		0.200	0.0760	ug/L		05/15/26 12:35	05/18/26 11:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.0100		0.0100	0.00350	mg/L		05/14/26 07:53	05/14/26 21:29	1
Sulfide (SW846 9034)	<1.00	H	1.00	0.231	mg/L			05/18/26 03:53	1
Total Suspended Solids (USGS I-3765-85)	**16.0**		1.88	1.05	mg/L			05/12/26 12:23	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-216A
Lab Sample ID: 310-331613-15
Date Collected: 05/06/26 13:59
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/13/26 22:08	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/13/26 22:08	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/13/26 22:08	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/13/26 22:08	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/13/26 22:08	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/13/26 22:08	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/13/26 22:08	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/13/26 22:08	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/13/26 22:08	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/13/26 22:08	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/13/26 22:08	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/13/26 22:08	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/13/26 22:08	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/13/26 22:08	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/13/26 22:08	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/13/26 22:08	1
Acetone	<10.0		10.0	3.80	ug/L			05/13/26 22:08	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/13/26 22:08	1
Benzene	<0.500		0.500	0.220	ug/L			05/13/26 22:08	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/13/26 22:08	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/13/26 22:08	1
Bromoform	<5.00		5.00	2.60	ug/L			05/13/26 22:08	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/13/26 22:08	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/13/26 22:08	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/13/26 22:08	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/13/26 22:08	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/13/26 22:08	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/13/26 22:08	1
Chloroform	<3.00		3.00	1.30	ug/L			05/13/26 22:08	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/13/26 22:08	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/13/26 22:08	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/13/26 22:08	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/13/26 22:08	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/13/26 22:08	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/13/26 22:08	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/13/26 22:08	1
Styrene	<1.00		1.00	0.370	ug/L			05/13/26 22:08	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/13/26 22:08	1
Toluene	<1.00		1.00	0.430	ug/L			05/13/26 22:08	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/13/26 22:08	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/13/26 22:08	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/13/26 22:08	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/13/26 22:08	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/13/26 22:08	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/13/26 22:08	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/13/26 22:08	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/13/26 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*119*		*76 - 130*		*05/13/26 22:08*	*1*

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-216A
Lab Sample ID: 310-331613-15

Date Collected: 05/06/26 13:59
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/13/26 22:08*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*05/13/26 22:08*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/16/26 06:39	05/18/26 20:06	1
Arsenic	**0.000254**	**J**	0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 20:06	1
Barium	**0.0572**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 20:06	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/16/26 06:39	05/18/26 20:06	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/16/26 06:39	05/18/26 20:06	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/16/26 06:39	05/18/26 20:06	1
Cobalt	<0.00100	^+	0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 20:06	1
Copper	**0.00137**	**J**	0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 20:06	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 20:06	1
Nickel	**0.00434**		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 20:06	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/16/26 06:39	05/18/26 20:06	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/16/26 06:39	05/18/26 20:06	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/16/26 06:39	05/18/26 20:06	1
Vanadium	**0.00108**	**B**	0.000270	0.0000843	mg/L		05/16/26 06:39	05/18/26 20:06	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/16/26 06:39	05/18/26 20:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**15.9**		1.88	1.05	mg/L			05/12/26 10:56	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-34A
Lab Sample ID: 310-331613-16
Date Collected: 05/06/26 13:09
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/13/26 22:30	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/13/26 22:30	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/13/26 22:30	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/13/26 22:30	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/13/26 22:30	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/13/26 22:30	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/13/26 22:30	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/13/26 22:30	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/13/26 22:30	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/13/26 22:30	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/13/26 22:30	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/13/26 22:30	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/13/26 22:30	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/13/26 22:30	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/13/26 22:30	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/13/26 22:30	1
Acetone	<10.0		10.0	3.80	ug/L			05/13/26 22:30	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/13/26 22:30	1
Benzene	<0.500		0.500	0.220	ug/L			05/13/26 22:30	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/13/26 22:30	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/13/26 22:30	1
Bromoform	<5.00		5.00	2.60	ug/L			05/13/26 22:30	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/13/26 22:30	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/13/26 22:30	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/13/26 22:30	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/13/26 22:30	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/13/26 22:30	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/13/26 22:30	1
Chloroform	<3.00		3.00	1.30	ug/L			05/13/26 22:30	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/13/26 22:30	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/13/26 22:30	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/13/26 22:30	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/13/26 22:30	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/13/26 22:30	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/13/26 22:30	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/13/26 22:30	1
Styrene	<1.00		1.00	0.370	ug/L			05/13/26 22:30	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/13/26 22:30	1
Toluene	<1.00		1.00	0.430	ug/L			05/13/26 22:30	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/13/26 22:30	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/13/26 22:30	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/13/26 22:30	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/13/26 22:30	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/13/26 22:30	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/13/26 22:30	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/13/26 22:30	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/13/26 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*118*		*76 - 130*		*05/13/26 22:30*	*1*

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-34A
Lab Sample ID: 310-331613-16
Date Collected: 05/06/26 13:09
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/13/26 22:30*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*05/13/26 22:30*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/16/26 06:39	05/18/26 20:08	1
Arsenic	**0.000534**	**J**	0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 20:08	1
Barium	**0.394**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 20:08	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/16/26 06:39	05/18/26 20:08	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/16/26 06:39	05/18/26 20:08	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/16/26 06:39	05/18/26 20:08	1
Cobalt	<0.00100	^+	0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 20:08	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 20:08	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 20:08	1
Nickel	**0.000816**	**J**	0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 20:08	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/16/26 06:39	05/18/26 20:08	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/16/26 06:39	05/18/26 20:08	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/16/26 06:39	05/18/26 20:08	1
Vanadium	**0.000452**	**B**	0.000270	0.0000843	mg/L		05/16/26 06:39	05/18/26 20:08	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/16/26 06:39	05/18/26 20:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.75**	**J**	1.88	1.05	mg/L			05/12/26 12:23	1

Client Sample ID: MW-38A
Lab Sample ID: 310-331613-17
Date Collected: 05/06/26 12:04
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/13/26 22:53	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/13/26 22:53	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/13/26 22:53	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/13/26 22:53	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/13/26 22:53	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/13/26 22:53	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/13/26 22:53	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/13/26 22:53	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/13/26 22:53	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/13/26 22:53	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/13/26 22:53	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/13/26 22:53	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/13/26 22:53	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/13/26 22:53	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/13/26 22:53	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/13/26 22:53	1
Acetone	<10.0		10.0	3.80	ug/L			05/13/26 22:53	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/13/26 22:53	1
Benzene	<0.500		0.500	0.220	ug/L			05/13/26 22:53	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/13/26 22:53	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/13/26 22:53	1
Bromoform	<5.00		5.00	2.60	ug/L			05/13/26 22:53	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/13/26 22:53	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/13/26 22:53	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/13/26 22:53	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/13/26 22:53	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/13/26 22:53	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/13/26 22:53	1
Chloroform	<3.00		3.00	1.30	ug/L			05/13/26 22:53	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/13/26 22:53	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/13/26 22:53	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/13/26 22:53	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/13/26 22:53	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/13/26 22:53	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/13/26 22:53	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/13/26 22:53	1
Styrene	<1.00		1.00	0.370	ug/L			05/13/26 22:53	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/13/26 22:53	1
Toluene	<1.00		1.00	0.430	ug/L			05/13/26 22:53	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/13/26 22:53	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/13/26 22:53	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/13/26 22:53	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/13/26 22:53	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/13/26 22:53	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/13/26 22:53	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/13/26 22:53	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/13/26 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*122*		*76 - 130*		*05/13/26 22:53*	*1*

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-38A
Lab Sample ID: 310-331613-17
Date Collected: 05/06/26 12:04
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/13/26 22:53*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*05/13/26 22:53*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/16/26 06:39	05/18/26 20:11	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 20:11	1
Barium	**0.344**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 20:11	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/16/26 06:39	05/18/26 20:11	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/16/26 06:39	05/18/26 20:11	1
Chromium	**0.00271**	**J**	0.00500	0.00114	mg/L		05/16/26 06:39	05/18/26 20:11	1
Cobalt	<0.00100	^+	0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 20:11	1
Copper	**0.000763**	**J**	0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 20:11	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 20:11	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 20:11	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/16/26 06:39	05/18/26 20:11	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/16/26 06:39	05/18/26 20:11	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/16/26 06:39	05/18/26 20:11	1
Vanadium	**0.00159**	**B**	0.000270	0.0000843	mg/L		05/16/26 06:39	05/18/26 20:11	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/16/26 06:39	05/18/26 20:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.00**		1.88	1.05	mg/L			05/12/26 12:23	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-23A
Lab Sample ID: 310-331613-18

Date Collected: 05/06/26 12:35
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.000330**	**J**	0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 20:13	1
Barium	**0.344**		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 20:13	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/16/26 06:39	05/19/26 13:12	1
Copper	**0.00103**	**J**	0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 20:13	1
Lead	**0.000220**	**J**	0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 20:13	1
Nickel	**0.00189**	**J**	0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 20:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**8.13**		1.88	1.05	mg/L			05/12/26 12:23	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: Trip Blank 1
Lab Sample ID: 310-331613-19
Date Collected: 05/06/26 00:00
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/12/26 19:45	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/12/26 19:45	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/12/26 19:45	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/12/26 19:45	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/12/26 19:45	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/12/26 19:45	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/12/26 19:45	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/12/26 19:45	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/12/26 19:45	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/12/26 19:45	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/12/26 19:45	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/12/26 19:45	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/12/26 19:45	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/12/26 19:45	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/12/26 19:45	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/12/26 19:45	1
Acetone	<10.0		10.0	3.80	ug/L			05/12/26 19:45	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/12/26 19:45	1
Benzene	<0.500		0.500	0.220	ug/L			05/12/26 19:45	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/12/26 19:45	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/12/26 19:45	1
Bromoform	<5.00		5.00	2.60	ug/L			05/12/26 19:45	1
Bromomethane	<4.00	*+	4.00	1.10	ug/L			05/12/26 19:45	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/12/26 19:45	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/12/26 19:45	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/12/26 19:45	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/12/26 19:45	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/12/26 19:45	1
Chloroform	<3.00		3.00	1.30	ug/L			05/12/26 19:45	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/12/26 19:45	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/12/26 19:45	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/12/26 19:45	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/12/26 19:45	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/12/26 19:45	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/12/26 19:45	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/12/26 19:45	1
Styrene	<1.00		1.00	0.370	ug/L			05/12/26 19:45	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/12/26 19:45	1
Toluene	<1.00		1.00	0.430	ug/L			05/12/26 19:45	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/12/26 19:45	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/12/26 19:45	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/12/26 19:45	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/12/26 19:45	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/12/26 19:45	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/12/26 19:45	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/12/26 19:45	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/12/26 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*76 - 130*		*05/12/26 19:45*	*1*

Client Sample ID: Trip Blank 1
Lab Sample ID: 310-331613-19
Date Collected: 05/06/26 00:00
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/12/26 19:45	1
4-Bromofluorobenzene (Surr)	97		80 - 120		05/12/26 19:45	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: Trip Blank 2
Lab Sample ID: 310-331613-20
Date Collected: 05/06/26 00:00
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/12/26 20:07	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/12/26 20:07	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/12/26 20:07	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/12/26 20:07	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/12/26 20:07	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/12/26 20:07	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/12/26 20:07	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/12/26 20:07	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/12/26 20:07	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/12/26 20:07	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/12/26 20:07	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/12/26 20:07	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/12/26 20:07	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/12/26 20:07	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/12/26 20:07	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/12/26 20:07	1
Acetone	<10.0		10.0	3.80	ug/L			05/12/26 20:07	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/12/26 20:07	1
Benzene	<0.500		0.500	0.220	ug/L			05/12/26 20:07	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/12/26 20:07	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/12/26 20:07	1
Bromoform	<5.00		5.00	2.60	ug/L			05/12/26 20:07	1
Bromomethane	<4.00	*+	4.00	1.10	ug/L			05/12/26 20:07	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/12/26 20:07	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/12/26 20:07	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/12/26 20:07	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/12/26 20:07	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/12/26 20:07	1
Chloroform	<3.00		3.00	1.30	ug/L			05/12/26 20:07	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/12/26 20:07	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/12/26 20:07	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/12/26 20:07	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/12/26 20:07	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/12/26 20:07	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/12/26 20:07	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/12/26 20:07	1
Styrene	<1.00		1.00	0.370	ug/L			05/12/26 20:07	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/12/26 20:07	1
Toluene	<1.00		1.00	0.430	ug/L			05/12/26 20:07	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/12/26 20:07	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/12/26 20:07	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/12/26 20:07	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/12/26 20:07	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/12/26 20:07	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/12/26 20:07	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/12/26 20:07	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/12/26 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*76 - 130*		*05/12/26 20:07*	*1*

Client Sample ID: Trip Blank 2
Lab Sample ID: 310-331613-20
Date Collected: 05/06/26 00:00
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/12/26 20:07	1
4-Bromofluorobenzene (Surr)	103		80 - 120		05/12/26 20:07	1

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: Trip Blank 3
Lab Sample ID: 310-331613-21
Date Collected: 05/06/26 00:00
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/12/26 20:29	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/12/26 20:29	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/12/26 20:29	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/12/26 20:29	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/12/26 20:29	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/12/26 20:29	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/12/26 20:29	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/12/26 20:29	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/12/26 20:29	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/12/26 20:29	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/12/26 20:29	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/12/26 20:29	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/12/26 20:29	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/12/26 20:29	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/12/26 20:29	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/12/26 20:29	1
Acetone	<10.0		10.0	3.80	ug/L			05/12/26 20:29	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/12/26 20:29	1
Benzene	<0.500		0.500	0.220	ug/L			05/12/26 20:29	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/12/26 20:29	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/12/26 20:29	1
Bromoform	<5.00		5.00	2.60	ug/L			05/12/26 20:29	1
Bromomethane	<4.00	*+	4.00	1.10	ug/L			05/12/26 20:29	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/12/26 20:29	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/12/26 20:29	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/12/26 20:29	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/12/26 20:29	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/12/26 20:29	1
Chloroform	<3.00		3.00	1.30	ug/L			05/12/26 20:29	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/12/26 20:29	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/12/26 20:29	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/12/26 20:29	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/12/26 20:29	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/12/26 20:29	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/12/26 20:29	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/12/26 20:29	1
Styrene	<1.00		1.00	0.370	ug/L			05/12/26 20:29	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/12/26 20:29	1
Toluene	<1.00		1.00	0.430	ug/L			05/12/26 20:29	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/12/26 20:29	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/12/26 20:29	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/12/26 20:29	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/12/26 20:29	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/12/26 20:29	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/12/26 20:29	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/12/26 20:29	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/12/26 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*76 - 130*		*05/12/26 20:29*	*1*

Client Sample ID: Trip Blank 3
Lab Sample ID: 310-331613-21
Date Collected: 05/06/26 00:00
Matrix: Water
Date Received: 05/08/26 09:41

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		05/12/26 20:29	1
4-Bromofluorobenzene (Surr)	109		80 - 120		05/12/26 20:29	1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(76-130)	(80-120)	(80-120)
310-331613-13	MW-31B	119	94	97
310-331613-14	MW-213A	118	95	101
310-331613-15	MW-216A	119	95	97
310-331613-16	MW-34A	118	97	97
310-331613-17	MW-38A	122	93	96
310-331613-19	Trip Blank 1	115	96	97
310-331613-20	Trip Blank 2	110	95	103
310-331613-21	Trip Blank 3	108	100	109
LCS 310-488711/6	Lab Control Sample	104	95	98
LCS 310-488711/7	Lab Control Sample	110	104	100
LCS 310-488812/7	Lab Control Sample	97	100	101
LCS 310-488812/8	Lab Control Sample	111	96	100
MB 310-488711/5	Method Blank	108	98	98
MB 310-488812/6	Method Blank	113	96	102

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Organochlorine Pesticides by GC-MS/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(13-150)	(22-150)	(10-150)
310-331613-14	MW-213A	93	107	112
310-331613-14 MS	MW-213A	92	119	107
310-331613-14 MSD	MW-213A	84	100	82
LCS 310-488708/7-A	Lab Control Sample	112	133	122
MB 310-488708/1-A	Method Blank	100	112	113

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPHL	TBP
Lab Sample ID	Client Sample ID	(33-126)	(21-110)	(39-140)	(21-110)	(13-150)	(20-144)
310-331613-14	MW-213A	75	50	72	42	73	67
LCS 310-488619/2-A	Lab Control Sample	80	60	77	52	83	101
LCSD 310-488619/3-A	Lab Control Sample Dup	76	57	73	46	77	88
MB 310-488619/1-A	Method Blank	83	68	85	55	95	85

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)

Surrogate Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCB1	TCX1								
Lab Sample ID	Client Sample ID	(10-150)	(17-150)								
310-331613-14	MW-213A	85	89 p								
LCS 310-488968/2-A	Lab Control Sample	50	60								
MB 310-488968/1-A	Method Blank	45	56 p								

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene

Method: 8321B - Herbicides (LC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		DCPAA									
Lab Sample ID	Client Sample ID	(70-130)									
310-331613-14	MW-213A	101									
LCS 410-816808/2-A	Lab Control Sample	96									
LCSD 410-816808/3-A	Lab Control Sample Dup	98									
MB 410-816808/1-A	Method Blank	95									

Surrogate Legend

DCPAA = DCAA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-488711/5
Matrix: Water
Analysis Batch: 488711

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/12/26 18:39	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/12/26 18:39	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/12/26 18:39	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/12/26 18:39	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/12/26 18:39	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/12/26 18:39	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/12/26 18:39	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/12/26 18:39	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/12/26 18:39	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/12/26 18:39	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/12/26 18:39	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/12/26 18:39	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/12/26 18:39	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/12/26 18:39	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/12/26 18:39	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/12/26 18:39	1
Acetone	<10.0		10.0	3.80	ug/L			05/12/26 18:39	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/12/26 18:39	1
Benzene	<0.500		0.500	0.220	ug/L			05/12/26 18:39	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/12/26 18:39	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/12/26 18:39	1
Bromoform	<5.00		5.00	2.60	ug/L			05/12/26 18:39	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/12/26 18:39	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/12/26 18:39	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/12/26 18:39	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/12/26 18:39	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/12/26 18:39	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/12/26 18:39	1
Chloroform	<3.00		3.00	1.30	ug/L			05/12/26 18:39	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/12/26 18:39	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/12/26 18:39	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/12/26 18:39	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/12/26 18:39	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/12/26 18:39	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/12/26 18:39	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/12/26 18:39	1
Styrene	<1.00		1.00	0.370	ug/L			05/12/26 18:39	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/12/26 18:39	1
Toluene	<1.00		1.00	0.430	ug/L			05/12/26 18:39	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/12/26 18:39	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/12/26 18:39	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/12/26 18:39	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/12/26 18:39	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/12/26 18:39	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/12/26 18:39	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/12/26 18:39	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/12/26 18:39	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-488711/5
Matrix: Water
Analysis Batch: 488711

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*108*		*76 - 130*		*05/12/26 18:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/12/26 18:39*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*05/12/26 18:39*	*1*

Lab Sample ID: LCS 310-488711/6
Matrix: Water
Analysis Batch: 488711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	18.66		ug/L		93	70 - 121
1,1,1-Trichloroethane	20.0	20.28		ug/L		101	69 - 130
1,1,2,2-Tetrachloroethane	20.0	21.60		ug/L		108	70 - 122
1,1,2-Trichloroethane	20.0	20.59		ug/L		103	75 - 121
1,1-Dichloroethane	20.0	21.84		ug/L		109	69 - 127
1,1-Dichloroethene	20.0	18.63		ug/L		93	64 - 134
1,2,3-Trichloropropane	20.0	23.02		ug/L		115	70 - 122
1,2-Dibromo-3-Chloropropane	20.0	18.68		ug/L		93	62 - 132
1,2-Dibromoethane (EDB)	20.0	18.55		ug/L		93	74 - 122
1,2-Dichlorobenzene	20.0	19.90		ug/L		100	74 - 120
1,2-Dichloroethane	20.0	23.12		ug/L		116	68 - 125
1,2-Dichloropropane	20.0	21.32		ug/L		107	72 - 128
1,4-Dichlorobenzene	20.0	19.00		ug/L		95	72 - 120
2-Butanone (MEK)	40.0	43.78		ug/L		109	60 - 134
2-Hexanone	40.0	44.45		ug/L		111	62 - 139
4-Methyl-2-pentanone (MIBK)	40.0	40.63		ug/L		102	62 - 136
Acetone	40.0	45.54		ug/L		114	59 - 136
Acrylonitrile	200	223.8		ug/L		112	50 - 150
Benzene	20.0	20.49		ug/L		102	71 - 125
Bromochloromethane	20.0	19.97		ug/L		100	69 - 131
Bromodichloromethane	20.0	20.61		ug/L		103	70 - 122
Bromoform	20.0	21.54		ug/L		108	62 - 122
Carbon disulfide	20.0	20.46		ug/L		102	58 - 137
Carbon tetrachloride	20.0	21.27		ug/L		106	63 - 136
Chlorobenzene	20.0	18.10		ug/L		90	74 - 120
Chlorodibromomethane	20.0	19.31		ug/L		97	69 - 121
Chloroform	20.0	20.00		ug/L		100	72 - 122
cis-1,2-Dichloroethene	20.0	18.38		ug/L		92	72 - 123
cis-1,3-Dichloropropene	20.0	19.57		ug/L		98	72 - 123
Dibromomethane	20.0	21.81		ug/L		109	72 - 122
Ethylbenzene	20.0	18.31		ug/L		92	75 - 120
Iodomethane	20.0	14.56		ug/L		73	18 - 150
Methylene Chloride	20.0	22.64		ug/L		113	72 - 128
Styrene	20.0	17.34		ug/L		87	74 - 122
Tetrachloroethene	20.0	16.92		ug/L		85	70 - 128
Toluene	20.0	18.89		ug/L		94	74 - 120
trans-1,2-Dichloroethene	20.0	19.47		ug/L		97	67 - 127
trans-1,3-Dichloropropene	20.0	20.40		ug/L		102	67 - 123
trans-1,4-Dichloro-2-butene	20.0	23.40		ug/L		117	50 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-488711/6
Matrix: Water
Analysis Batch: 488711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichloroethene	20.0	18.88		ug/L		94	70 - 128
Vinyl acetate	40.0	43.36		ug/L		108	50 - 150
Xylenes, Total	40.0	35.83		ug/L		90	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*76 - 130*
Toluene-d8 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*

Lab Sample ID: LCS 310-488711/7
Matrix: Water
Analysis Batch: 488711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	28.05	*+	ug/L		140	33 - 138
Chloroethane	20.0	27.48		ug/L		137	59 - 139
Chloromethane	20.0	29.71	*+	ug/L		149	52 - 146
Trichlorofluoromethane	20.0	24.89		ug/L		124	55 - 150
Vinyl chloride	20.0	26.95		ug/L		135	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*110*		*76 - 130*
Toluene-d8 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 310-488812/6
Matrix: Water
Analysis Batch: 488812

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/13/26 16:52	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/13/26 16:52	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/13/26 16:52	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/13/26 16:52	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/13/26 16:52	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/13/26 16:52	1
1,1-Dichloropropene	<1.00		1.00	0.410	ug/L			05/13/26 16:52	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/13/26 16:52	1
1,2,4-Trichlorobenzene	<5.00		5.00	1.90	ug/L			05/13/26 16:52	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/13/26 16:52	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/13/26 16:52	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/13/26 16:52	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/13/26 16:52	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/13/26 16:52	1
1,3-Dichlorobenzene	<1.00		1.00	0.470	ug/L			05/13/26 16:52	1
1,3-Dichloropropane	<1.00		1.00	0.390	ug/L			05/13/26 16:52	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/13/26 16:52	1
2,2-Dichloropropane	<4.00		4.00	0.690	ug/L			05/13/26 16:52	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-488812/6
Matrix: Water
Analysis Batch: 488812

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/13/26 16:52	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/13/26 16:52	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/13/26 16:52	1
Acetone	<10.0		10.0	3.80	ug/L			05/13/26 16:52	1
Acrolein	<10.0		10.0	3.60	ug/L			05/13/26 16:52	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/13/26 16:52	1
Allyl chloride	<2.00		2.00	0.700	ug/L			05/13/26 16:52	1
Benzene	<0.500		0.500	0.220	ug/L			05/13/26 16:52	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/13/26 16:52	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/13/26 16:52	1
Bromoform	<5.00		5.00	2.60	ug/L			05/13/26 16:52	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/13/26 16:52	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/13/26 16:52	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/13/26 16:52	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/13/26 16:52	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/13/26 16:52	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/13/26 16:52	1
Chloroform	<3.00		3.00	1.30	ug/L			05/13/26 16:52	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/13/26 16:52	1
Chloroprene	<1.00		1.00	0.320	ug/L			05/13/26 16:52	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/13/26 16:52	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/13/26 16:52	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/13/26 16:52	1
Dichlorodifluoromethane	<3.00		3.00	0.850	ug/L			05/13/26 16:52	1
Ethyl methacrylate	<2.00		2.00	0.630	ug/L			05/13/26 16:52	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/13/26 16:52	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/13/26 16:52	1
Methacrylonitrile	<10.0		10.0	3.30	ug/L			05/13/26 16:52	1
Methyl methacrylate	<2.00		2.00	0.760	ug/L			05/13/26 16:52	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/13/26 16:52	1
Naphthalene	<5.00		5.00	1.80	ug/L			05/13/26 16:52	1
Propionitrile	<10.0		10.0	3.40	ug/L			05/13/26 16:52	1
Styrene	<1.00		1.00	0.370	ug/L			05/13/26 16:52	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/13/26 16:52	1
Toluene	<1.00		1.00	0.430	ug/L			05/13/26 16:52	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/13/26 16:52	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/13/26 16:52	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/13/26 16:52	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/13/26 16:52	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/13/26 16:52	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/13/26 16:52	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/13/26 16:52	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/13/26 16:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*76 - 130*		*05/13/26 16:52*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/13/26 16:52*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*05/13/26 16:52*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-488812/7
Matrix: Water
Analysis Batch: 488812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	19.03		ug/L		95	70 - 121
1,1,1-Trichloroethane	20.0	18.66		ug/L		93	69 - 130
1,1,2,2-Tetrachloroethane	20.0	18.72		ug/L		94	70 - 122
1,1,2-Trichloroethane	20.0	19.19		ug/L		96	75 - 121
1,1-Dichloroethane	20.0	18.50		ug/L		92	69 - 127
1,1-Dichloroethene	20.0	18.52		ug/L		93	64 - 134
1,1-Dichloropropene	20.0	18.61		ug/L		93	70 - 133
1,2,3-Trichloropropane	20.0	19.82		ug/L		99	70 - 122
1,2,4-Trichlorobenzene	20.0	18.04		ug/L		90	69 - 125
1,2-Dibromo-3-Chloropropane	20.0	20.83		ug/L		104	62 - 132
1,2-Dibromoethane (EDB)	20.0	19.90		ug/L		100	74 - 122
1,2-Dichlorobenzene	20.0	19.30		ug/L		96	74 - 120
1,2-Dichloroethane	20.0	18.87		ug/L		94	68 - 125
1,2-Dichloropropane	20.0	18.85		ug/L		94	72 - 128
1,3-Dichlorobenzene	20.0	19.14		ug/L		96	71 - 120
1,3-Dichloropropane	20.0	19.28		ug/L		96	72 - 125
1,4-Dichlorobenzene	20.0	18.69		ug/L		93	72 - 120
2,2-Dichloropropane	20.0	18.78		ug/L		94	51 - 146
2-Butanone (MEK)	40.0	39.73		ug/L		99	60 - 134
2-Hexanone	40.0	37.33		ug/L		93	62 - 139
4-Methyl-2-pentanone (MIBK)	40.0	38.34		ug/L		96	62 - 136
Acetone	40.0	41.45		ug/L		104	59 - 136
Acrolein	94.8	92.42		ug/L		97	50 - 150
Acrylonitrile	200	198.6		ug/L		99	50 - 150
Allyl chloride	20.0	17.86		ug/L		89	61 - 136
Benzene	20.0	19.42		ug/L		97	71 - 125
Bromochloromethane	20.0	18.99		ug/L		95	69 - 131
Bromodichloromethane	20.0	18.56		ug/L		93	70 - 122
Bromoform	20.0	18.02		ug/L		90	62 - 122
Carbon disulfide	20.0	17.89		ug/L		89	58 - 137
Carbon tetrachloride	20.0	18.79		ug/L		94	63 - 136
Chlorobenzene	20.0	18.30		ug/L		92	74 - 120
Chlorodibromomethane	20.0	19.24		ug/L		96	69 - 121
Chloroform	20.0	19.90		ug/L		100	72 - 122
Chloroprene	20.0	18.67		ug/L		93	67 - 136
cis-1,2-Dichloroethene	20.0	18.69		ug/L		93	72 - 123
cis-1,3-Dichloropropene	20.0	18.41		ug/L		92	72 - 123
Dibromomethane	20.0	19.21		ug/L		96	72 - 122
Ethyl methacrylate	20.0	19.08		ug/L		95	68 - 128
Ethylbenzene	20.0	18.07		ug/L		90	75 - 120
Iodomethane	20.0	11.97		ug/L		60	18 - 150
Methacrylonitrile	200	189.2		ug/L		95	67 - 128
Methyl methacrylate	40.0	39.11		ug/L		98	69 - 129
Methylene Chloride	20.0	19.69		ug/L		98	72 - 128
Naphthalene	20.0	18.98		ug/L		95	69 - 126
Propionitrile	200	195.6		ug/L		98	68 - 131
Styrene	20.0	18.73		ug/L		94	74 - 122
Tetrachloroethene	20.0	18.24		ug/L		91	70 - 128

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-488812/7
Matrix: Water
Analysis Batch: 488812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	20.0	18.85		ug/L		94	74 - 120
trans-1,2-Dichloroethene	20.0	18.15		ug/L		91	67 - 127
trans-1,3-Dichloropropene	20.0	19.21		ug/L		96	67 - 123
trans-1,4-Dichloro-2-butene	20.0	20.87		ug/L		104	50 - 150
Trichloroethene	20.0	17.80		ug/L		89	70 - 128
Vinyl acetate	40.0	38.03		ug/L		95	50 - 150
Xylenes, Total	40.0	37.11		ug/L		93	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*

Lab Sample ID: LCS 310-488812/8
Matrix: Water
Analysis Batch: 488812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	20.83		ug/L		104	33 - 138
Chloroethane	20.0	20.75		ug/L		104	59 - 139
Chloromethane	20.0	22.13		ug/L		111	52 - 146
Dichlorodifluoromethane	20.0	18.50		ug/L		93	45 - 150
Trichlorofluoromethane	20.0	18.89		ug/L		94	55 - 150
Vinyl chloride	20.0	21.15		ug/L		106	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*111*		*76 - 130*
Toluene-d8 (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*

Method: 8270E - Organochlorine Pesticides by GC-MS/MS

Lab Sample ID: MB 310-488708/1-A
Matrix: Water
Analysis Batch: 488740

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488708

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<0.119		0.119	0.0178	ug/L		05/12/26 12:36	05/12/26 20:17	1
4,4'-DDE	<0.119		0.119	0.0129	ug/L		05/12/26 12:36	05/12/26 20:17	1
4,4'-DDT	<0.119		0.119	0.0149	ug/L		05/12/26 12:36	05/12/26 20:17	1
Aldrin	<0.119		0.119	0.0357	ug/L		05/12/26 12:36	05/12/26 20:17	1
alpha-BHC	<0.119		0.119	0.0188	ug/L		05/12/26 12:36	05/12/26 20:17	1
beta-BHC	<0.119		0.119	0.0188	ug/L		05/12/26 12:36	05/12/26 20:17	1
Chlordane (technical)	<4.96		4.96	1.09	ug/L		05/12/26 12:36	05/12/26 20:17	1
delta-BHC	<0.119		0.119	0.0129	ug/L		05/12/26 12:36	05/12/26 20:17	1
Dieldrin	<0.119		0.119	0.0357	ug/L		05/12/26 12:36	05/12/26 20:17	1
Endosulfan I	<0.119		0.119	0.0416	ug/L		05/12/26 12:36	05/12/26 20:17	1
Endosulfan II	<0.119		0.119	0.0496	ug/L		05/12/26 12:36	05/12/26 20:17	1

Method: 8270E - Organochlorine Pesticides by GC-MS/MS (Continued)

Lab Sample ID: MB 310-488708/1-A
Matrix: Water
Analysis Batch: 488740

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488708

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan sulfate	<0.119		0.119	0.0526	ug/L		05/12/26 12:36	05/12/26 20:17	1
Endrin	<0.119		0.119	0.0288	ug/L		05/12/26 12:36	05/12/26 20:17	1
Endrin aldehyde	<0.496		0.496	0.0436	ug/L		05/12/26 12:36	05/12/26 20:17	1
gamma-BHC (Lindane)	<0.119		0.119	0.0248	ug/L		05/12/26 12:36	05/12/26 20:17	1
Heptachlor	<0.119		0.119	0.0258	ug/L		05/12/26 12:36	05/12/26 20:17	1
Heptachlor epoxide	<0.119		0.119	0.0526	ug/L		05/12/26 12:36	05/12/26 20:17	1
Methoxychlor	<0.119		0.119	0.0575	ug/L		05/12/26 12:36	05/12/26 20:17	1
Toxaphene	<4.96		4.96	0.813	ug/L		05/12/26 12:36	05/12/26 20:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*100*		*13 - 150*	*05/12/26 12:36*	*05/12/26 20:17*	*1*
Nitrobenzene-d5 (Surr)	*112*		*22 - 150*	*05/12/26 12:36*	*05/12/26 20:17*	*1*
Terphenyl-d14 (Surr)	*113*		*10 - 150*	*05/12/26 12:36*	*05/12/26 20:17*	*1*

Lab Sample ID: LCS 310-488708/7-A
Matrix: Water
Analysis Batch: 488740

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488708

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	2.80	3.602		ug/L		129	36 - 149
4,4'-DDE	2.80	2.549		ug/L		91	34 - 130
4,4'-DDT	2.80	1.491		ug/L		53	23 - 150
Aldrin	2.80	2.914		ug/L		104	13 - 120
alpha-BHC	2.80	3.563		ug/L		127	36 - 127
beta-BHC	2.80	3.683		ug/L		131	37 - 136
delta-BHC	2.80	3.372		ug/L		120	33 - 134
Dieldrin	2.80	3.226		ug/L		115	39 - 130
Endosulfan I	2.80	2.871		ug/L		102	10 - 120
Endosulfan II	2.80	3.067	I	ug/L		109	14 - 120
Endosulfan sulfate	2.80	3.847		ug/L		137	36 - 147
Endrin	2.80	3.333		ug/L		119	39 - 140
Endrin aldehyde	2.80	3.447		ug/L		123	32 - 137
gamma-BHC (Lindane)	2.80	3.366		ug/L		120	36 - 132
Heptachlor	2.80	2.782		ug/L		99	27 - 120
Heptachlor epoxide	2.80	3.431		ug/L		122	38 - 133
Methoxychlor	2.80	1.881		ug/L		67	10 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*112*		*13 - 150*
Nitrobenzene-d5 (Surr)	*133*		*22 - 150*
Terphenyl-d14 (Surr)	*122*		*10 - 150*

Lab Sample ID: 310-331613-14 MS
Matrix: Water
Analysis Batch: 488740

Client Sample ID: MW-213A
Prep Type: Total/NA
Prep Batch: 488708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	<0.119		2.79	2.866		ug/L		103	36 - 149

Method: 8270E - Organochlorine Pesticides by GC-MS/MS (Continued)

Lab Sample ID: 310-331613-14 MS
Matrix: Water
Analysis Batch: 488740

Client Sample ID: MW-213A
Prep Type: Total/NA
Prep Batch: 488708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDE	<0.119		2.79	2.123		ug/L		76	34 - 130
4,4'-DDT	<0.119		2.79	1.341		ug/L		48	23 - 150
Aldrin	<0.119		2.79	2.408		ug/L		86	13 - 120
alpha-BHC	<0.119		2.79	2.989		ug/L		107	36 - 127
beta-BHC	<0.119		2.79	3.104		ug/L		111	37 - 136
delta-BHC	<0.119		2.79	2.885		ug/L		103	33 - 134
Dieldrin	<0.119		2.79	2.544		ug/L		91	39 - 130
Endosulfan I	<0.119		2.79	1.996		ug/L		72	10 - 120
Endosulfan II	<0.119		2.79	2.584	I	ug/L		93	14 - 120
Endosulfan sulfate	<0.119		2.79	3.095		ug/L		111	36 - 147
Endrin	<0.119		2.79	2.638		ug/L		95	39 - 140
Endrin aldehyde	<0.494		2.79	3.000		ug/L		108	32 - 137
gamma-BHC (Lindane)	<0.119		2.79	2.902		ug/L		104	36 - 132
Heptachlor	<0.119		2.79	2.351		ug/L		84	27 - 120
Heptachlor epoxide	<0.119		2.79	2.647		ug/L		95	38 - 133
Methoxychlor	<0.119		2.79	1.581		ug/L		57	10 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*92*		*13 - 150*
Nitrobenzene-d5 (Surr)	*119*		*22 - 150*
Terphenyl-d14 (Surr)	*107*		*10 - 150*

Lab Sample ID: 310-331613-14 MSD
Matrix: Water
Analysis Batch: 488740

Client Sample ID: MW-213A
Prep Type: Total/NA
Prep Batch: 488708

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	<0.119		2.80	2.546		ug/L		91	36 - 149	12	35
4,4'-DDE	<0.119		2.80	1.750		ug/L		63	34 - 130	19	35
4,4'-DDT	<0.119		2.80	1.009		ug/L		36	23 - 150	28	35
Aldrin	<0.119		2.80	2.083		ug/L		74	13 - 120	15	35
alpha-BHC	<0.119		2.80	3.405		ug/L		122	36 - 127	13	35
beta-BHC	<0.119		2.80	3.471		ug/L		124	37 - 136	11	35
delta-BHC	<0.119		2.80	3.095		ug/L		111	33 - 134	7	35
Dieldrin	<0.119		2.80	2.512		ug/L		90	39 - 130	1	35
Endosulfan I	<0.119		2.80	1.884		ug/L		67	10 - 120	6	35
Endosulfan II	<0.119		2.80	2.638	I	ug/L		94	14 - 120	2	35
Endosulfan sulfate	<0.119		2.80	3.197		ug/L		114	36 - 147	3	35
Endrin	<0.119		2.80	2.600		ug/L		93	39 - 140	1	35
Endrin aldehyde	<0.494		2.80	3.218		ug/L		115	32 - 137	7	35
gamma-BHC (Lindane)	<0.119		2.80	3.262		ug/L		117	36 - 132	12	35
Heptachlor	<0.119		2.80	2.156		ug/L		77	27 - 120	9	35
Heptachlor epoxide	<0.119		2.80	2.691		ug/L		96	38 - 133	2	35
Methoxychlor	<0.119		2.80	1.306		ug/L		47	10 - 150	19	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*84*		*13 - 150*
Nitrobenzene-d5 (Surr)	*100*		*22 - 150*

Method: 8270E - Organochlorine Pesticides by GC-MS/MS (Continued)

Lab Sample ID: 310-331613-14 MSD
Matrix: Water
Analysis Batch: 488740

Client Sample ID: MW-213A
Prep Type: Total/NA
Prep Batch: 488708

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Terphenyl-d14 (Surr)	*82*		*10 - 150*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 310-488619/1-A
Matrix: Water
Analysis Batch: 489231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<10.0		10.0	0.640	ug/L		05/12/26 06:47	05/18/26 15:41	1
Acenaphthylene	<10.0		10.0	0.720	ug/L		05/12/26 06:47	05/18/26 15:41	1
Acetophenone	<10.0		10.0	0.690	ug/L		05/12/26 06:47	05/18/26 15:41	1
2-Acetylaminofluorene	<10.0		10.0	2.70	ug/L		05/12/26 06:47	05/18/26 15:41	1
4-Aminobiphenyl	<10.0		10.0	2.20	ug/L		05/12/26 06:47	05/18/26 15:41	1
Anthracene	<10.0		10.0	0.870	ug/L		05/12/26 06:47	05/18/26 15:41	1
Benzo[a]anthracene	<10.0		10.0	0.850	ug/L		05/12/26 06:47	05/18/26 15:41	1
Benzo[a]pyrene	<10.0		10.0	8.10	ug/L		05/12/26 06:47	05/18/26 15:41	1
Benzo[b]fluoranthene	<10.0		10.0	4.90	ug/L		05/12/26 06:47	05/18/26 15:41	1
Benzo[g,h,i]perylene	<10.0		10.0	6.30	ug/L		05/12/26 06:47	05/18/26 15:41	1
Benzo[k]fluoranthene	<10.0		10.0	2.20	ug/L		05/12/26 06:47	05/18/26 15:41	1
Benzyl alcohol	<10.0		10.0	1.30	ug/L		05/12/26 06:47	05/18/26 15:41	1
Bis(2-chloroethoxy)methane	<10.0		10.0	0.760	ug/L		05/12/26 06:47	05/18/26 15:41	1
Bis(2-chloroethyl)ether	<10.0		10.0	0.820	ug/L		05/12/26 06:47	05/18/26 15:41	1
bis (2-chloroisopropyl) ether	<10.0		10.0	0.540	ug/L		05/12/26 06:47	05/18/26 15:41	1
Bis(2-ethylhexyl) phthalate	<10.0		10.0	5.50	ug/L		05/12/26 06:47	05/18/26 15:41	1
4-Bromophenyl phenyl ether	<10.0		10.0	0.700	ug/L		05/12/26 06:47	05/18/26 15:41	1
Butyl benzyl phthalate	<10.0		10.0	5.40	ug/L		05/12/26 06:47	05/18/26 15:41	1
4-Chloroaniline	<10.0		10.0	0.620	ug/L		05/12/26 06:47	05/18/26 15:41	1
Chlorobenzilate	<10.0		10.0	3.60	ug/L		05/12/26 06:47	05/18/26 15:41	1
4-Chloro-3-methylphenol	<10.0		10.0	0.840	ug/L		05/12/26 06:47	05/18/26 15:41	1
2-Chloronaphthalene	<10.0		10.0	0.640	ug/L		05/12/26 06:47	05/18/26 15:41	1
2-Chlorophenol	<10.0		10.0	0.540	ug/L		05/12/26 06:47	05/18/26 15:41	1
4-Chlorophenyl phenyl ether	<10.0		10.0	0.690	ug/L		05/12/26 06:47	05/18/26 15:41	1
Chrysene	<10.0		10.0	0.870	ug/L		05/12/26 06:47	05/18/26 15:41	1
Diallate	<10.0		10.0	4.00	ug/L		05/12/26 06:47	05/18/26 15:41	1
Dibenzo(a,h)anthracene	<10.0		10.0	3.90	ug/L		05/12/26 06:47	05/18/26 15:41	1
Dibenzofuran	<10.0		10.0	0.740	ug/L		05/12/26 06:47	05/18/26 15:41	1
3,3'-Dichlorobenzidine	<10.0		10.0	1.40	ug/L		05/12/26 06:47	05/18/26 15:41	1
2,4-Dichlorophenol	<10.0		10.0	0.850	ug/L		05/12/26 06:47	05/18/26 15:41	1
2,6-Dichlorophenol	<10.0		10.0	0.690	ug/L		05/12/26 06:47	05/18/26 15:41	1
Diethyl phthalate	<10.0		10.0	1.70	ug/L		05/12/26 06:47	05/18/26 15:41	1
Dimethoate	<10.0		10.0	3.60	ug/L		05/12/26 06:47	05/18/26 15:41	1
7,12-Dimethylbenz(a)anthracene	<10.0		10.0	1.90	ug/L		05/12/26 06:47	05/18/26 15:41	1
3,3'-Dimethylbenzidine	<10.0		10.0	1.50	ug/L		05/12/26 06:47	05/18/26 15:41	1
2,4-Dimethylphenol	<10.0		10.0	0.580	ug/L		05/12/26 06:47	05/18/26 15:41	1
Dimethyl phthalate	<10.0		10.0	1.00	ug/L		05/12/26 06:47	05/18/26 15:41	1
Di-n-butyl phthalate	<10.0		10.0	5.60	ug/L		05/12/26 06:47	05/18/26 15:41	1
1,3-Dinitrobenzene	<10.0		10.0	3.20	ug/L		05/12/26 06:47	05/18/26 15:41	1
4,6-Dinitro-2-methylphenol	<15.0		15.0	6.90	ug/L		05/12/26 06:47	05/18/26 15:41	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-488619/1-A
Matrix: Water
Analysis Batch: 489231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	<20.0		20.0	13.0	ug/L		05/12/26 06:47	05/18/26 15:41	1
2,4-Dinitrotoluene	<10.0		10.0	6.40	ug/L		05/12/26 06:47	05/18/26 15:41	1
2,6-Dinitrotoluene	<10.0		10.0	0.520	ug/L		05/12/26 06:47	05/18/26 15:41	1
Di-n-octyl phthalate	<20.0		20.0	7.00	ug/L		05/12/26 06:47	05/18/26 15:41	1
Dinoseb	<10.0		10.0	2.40	ug/L		05/12/26 06:47	05/18/26 15:41	1
Diphenylamine	<10.0		10.0	6.00	ug/L		05/12/26 06:47	05/18/26 15:41	1
Disulfoton	<10.0		10.0	2.40	ug/L		05/12/26 06:47	05/18/26 15:41	1
Ethyl methanesulfonate	<10.0		10.0	3.60	ug/L		05/12/26 06:47	05/18/26 15:41	1
Ethyl Parathion	<10.0		10.0	2.20	ug/L		05/12/26 06:47	05/18/26 15:41	1
Famphur	<10.0		10.0	3.80	ug/L		05/12/26 06:47	05/18/26 15:41	1
Fluoranthene	<10.0		10.0	1.70	ug/L		05/12/26 06:47	05/18/26 15:41	1
Fluorene	<10.0		10.0	0.790	ug/L		05/12/26 06:47	05/18/26 15:41	1
Hexachlorobenzene	<10.0		10.0	0.700	ug/L		05/12/26 06:47	05/18/26 15:41	1
Hexachlorobutadiene	<10.0		10.0	0.860	ug/L		05/12/26 06:47	05/18/26 15:41	1
Hexachlorocyclopentadiene	<10.0		10.0	5.10	ug/L		05/12/26 06:47	05/18/26 15:41	1
Hexachloroethane	<10.0		10.0	0.970	ug/L		05/12/26 06:47	05/18/26 15:41	1
Hexachloropropene	<10.0		10.0	2.60	ug/L		05/12/26 06:47	05/18/26 15:41	1
Indeno[1,2,3-cd]pyrene	<10.0		10.0	4.20	ug/L		05/12/26 06:47	05/18/26 15:41	1
Isodrin	<10.0		10.0	4.70	ug/L		05/12/26 06:47	05/18/26 15:41	1
Isophorone	<10.0		10.0	0.930	ug/L		05/12/26 06:47	05/18/26 15:41	1
Isosafrole	<10.0		10.0	2.30	ug/L		05/12/26 06:47	05/18/26 15:41	1
Kepone	<10.0		10.0	1.00	ug/L		05/12/26 06:47	05/18/26 15:41	1
Methapyrilene	<10.0		10.0	0.760	ug/L		05/12/26 06:47	05/18/26 15:41	1
3-Methylcholanthrene	<10.0		10.0	0.320	ug/L		05/12/26 06:47	05/18/26 15:41	1
Methyl methanesulfonate	<10.0		10.0	3.30	ug/L		05/12/26 06:47	05/18/26 15:41	1
2-Methylnaphthalene	<10.0		10.0	0.590	ug/L		05/12/26 06:47	05/18/26 15:41	1
Methyl parathion	<10.0		10.0	2.30	ug/L		05/12/26 06:47	05/18/26 15:41	1
2-Methylphenol	<10.0		10.0	0.650	ug/L		05/12/26 06:47	05/18/26 15:41	1
Methylphenol, 3 & 4	<10.0		10.0	0.700	ug/L		05/12/26 06:47	05/18/26 15:41	1
1,4-Naphthoquinone	<10.0		10.0	3.60	ug/L		05/12/26 06:47	05/18/26 15:41	1
1-Naphthylamine	<10.0		10.0	2.50	ug/L		05/12/26 06:47	05/18/26 15:41	1
2-Naphthylamine	<10.0		10.0	2.10	ug/L		05/12/26 06:47	05/18/26 15:41	1
2-Nitroaniline	<10.0		10.0	5.90	ug/L		05/12/26 06:47	05/18/26 15:41	1
3-Nitroaniline	<10.0		10.0	2.70	ug/L		05/12/26 06:47	05/18/26 15:41	1
4-Nitroaniline	<10.0		10.0	1.30	ug/L		05/12/26 06:47	05/18/26 15:41	1
Nitrobenzene	<10.0		10.0	0.800	ug/L		05/12/26 06:47	05/18/26 15:41	1
5-Nitro-o-toluidine	<10.0		10.0	2.80	ug/L		05/12/26 06:47	05/18/26 15:41	1
2-Nitrophenol	<10.0		10.0	6.80	ug/L		05/12/26 06:47	05/18/26 15:41	1
4-Nitrophenol	<15.0		15.0	7.60	ug/L		05/12/26 06:47	05/18/26 15:41	1
N-Nitrosodiethylamine	<10.0		10.0	3.40	ug/L		05/12/26 06:47	05/18/26 15:41	1
N-Nitrosodimethylamine	<10.0		10.0	0.720	ug/L		05/12/26 06:47	05/18/26 15:41	1
N-Nitrosodi-n-butylamine	<10.0		10.0	3.90	ug/L		05/12/26 06:47	05/18/26 15:41	1
N-Nitrosodi-n-propylamine	<10.0		10.0	0.920	ug/L		05/12/26 06:47	05/18/26 15:41	1
N-Nitrosodiphenylamine	<10.0		10.0	0.750	ug/L		05/12/26 06:47	05/18/26 15:41	1
N-Nitrosomethylethylamine	<10.0		10.0	4.90	ug/L		05/12/26 06:47	05/18/26 15:41	1
N-Nitrosopiperidine	<10.0		10.0	2.70	ug/L		05/12/26 06:47	05/18/26 15:41	1
N-Nitrosopyrrolidine	<10.0		10.0	3.60	ug/L		05/12/26 06:47	05/18/26 15:41	1
o,o',o''-Triethylphosphorothioate	<10.0		10.0	3.20	ug/L		05/12/26 06:47	05/18/26 15:41	1
o-Toluidine	<10.0		10.0	2.90	ug/L		05/12/26 06:47	05/18/26 15:41	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 310-488619/1-A
Matrix: Water
Analysis Batch: 489231

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Dimethylamino azobenzene	<10.0		10.0	2.20	ug/L		05/12/26 06:47	05/18/26 15:41	1
Pentachlorobenzene	<10.0		10.0	2.80	ug/L		05/12/26 06:47	05/18/26 15:41	1
Pentachloronitrobenzene	<10.0		10.0	5.80	ug/L		05/12/26 06:47	05/18/26 15:41	1
Pentachlorophenol	<15.0		15.0	9.60	ug/L		05/12/26 06:47	05/18/26 15:41	1
Phenacetin	<10.0		10.0	1.90	ug/L		05/12/26 06:47	05/18/26 15:41	1
Phenanthrene	<10.0		10.0	0.790	ug/L		05/12/26 06:47	05/18/26 15:41	1
Phenol	<10.0		10.0	1.10	ug/L		05/12/26 06:47	05/18/26 15:41	1
1,4-phenylenediamine	<10.0		10.0	1.90	ug/L		05/12/26 06:47	05/18/26 15:41	1
Phorate	<10.0		10.0	3.20	ug/L		05/12/26 06:47	05/18/26 15:41	1
Pronamide	<10.0		10.0	2.70	ug/L		05/12/26 06:47	05/18/26 15:41	1
Pyrene	<10.0		10.0	0.790	ug/L		05/12/26 06:47	05/18/26 15:41	1
Safrole	<10.0		10.0	2.80	ug/L		05/12/26 06:47	05/18/26 15:41	1
1,2,4,5-Tetrachlorobenzene	<10.0		10.0	0.540	ug/L		05/12/26 06:47	05/18/26 15:41	1
2,3,4,6-Tetrachlorophenol	<10.0		10.0	5.30	ug/L		05/12/26 06:47	05/18/26 15:41	1
Thionazin	<10.0		10.0	3.50	ug/L		05/12/26 06:47	05/18/26 15:41	1
2,4,5-Trichlorophenol	<10.0		10.0	5.30	ug/L		05/12/26 06:47	05/18/26 15:41	1
2,4,6-Trichlorophenol	<10.0		10.0	5.00	ug/L		05/12/26 06:47	05/18/26 15:41	1
1,3,5-Trinitrobenzene	<10.0		10.0	2.30	ug/L		05/12/26 06:47	05/18/26 15:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*33 - 126*	*05/12/26 06:47*	*05/18/26 15:41*	*1*
2-Fluorophenol (Surr)	*68*		*21 - 110*	*05/12/26 06:47*	*05/18/26 15:41*	*1*
Nitrobenzene-d5 (Surr)	*85*		*39 - 140*	*05/12/26 06:47*	*05/18/26 15:41*	*1*
Phenol-d5 (Surr)	*55*		*21 - 110*	*05/12/26 06:47*	*05/18/26 15:41*	*1*
Terphenyl-d14 (Surr)	*95*		*13 - 150*	*05/12/26 06:47*	*05/18/26 15:41*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*20 - 144*	*05/12/26 06:47*	*05/18/26 15:41*	*1*

Lab Sample ID: LCS 310-488619/2-A
Matrix: Water
Analysis Batch: 489231

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	100	83.24		ug/L		83	38 - 118
Acenaphthylene	100	85.20		ug/L		85	39 - 115
Acetophenone	100	84.11		ug/L		84	47 - 118
2-Acetylaminofluorene	44.8	43.37		ug/L		97	37 - 149
4-Aminobiphenyl	44.8	39.66		ug/L		89	23 - 123
Anthracene	100	93.11		ug/L		93	49 - 127
Benzo[a]anthracene	100	91.78		ug/L		92	49 - 126
Benzo[a]pyrene	100	96.87		ug/L		97	44 - 133
Benzo[b]fluoranthene	100	90.04		ug/L		90	44 - 136
Benzo[g,h,i]perylene	100	100.9		ug/L		101	42 - 135
Benzo[k]fluoranthene	100	101.7		ug/L		102	49 - 134
Benzyl alcohol	100	80.02		ug/L		80	46 - 123
Bis(2-chloroethoxy)methane	100	90.34		ug/L		90	44 - 126
Bis(2-chloroethyl)ether	100	79.40		ug/L		79	41 - 116
bis (2-chloroisopropyl) ether	100	76.15		ug/L		76	36 - 115
Bis(2-ethylhexyl) phthalate	100	91.06		ug/L		91	46 - 138

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-488619/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 489231
Prep Batch: 488619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether	100	92.42		ug/L		92	41 - 131
Butyl benzyl phthalate	100	103.4		ug/L		103	47 - 133
4-Chloroaniline	100	84.23		ug/L		84	13 - 143
4-Chloro-3-methylphenol	100	92.51		ug/L		93	51 - 132
2-Chloronaphthalene	100	78.02		ug/L		78	33 - 112
2-Chlorophenol	100	81.37		ug/L		81	43 - 119
4-Chlorophenyl phenyl ether	100	88.93		ug/L		89	44 - 118
Chrysene	100	84.52		ug/L		85	50 - 128
Diallate	51.2	54.72		ug/L		107	40 - 135
Dibenzo(a,h)anthracene	100	98.49		ug/L		98	36 - 146
Dibenzofuran	100	84.27		ug/L		84	44 - 114
2,4-Dichlorophenol	100	89.71		ug/L		90	44 - 131
2,6-Dichlorophenol	100	93.99		ug/L		94	41 - 131
Diethyl phthalate	100	94.11		ug/L		94	43 - 135
Dimethoate	51.2	55.37		ug/L		108	31 - 150
3,3'-Dimethylbenzidine	44.8	21.24		ug/L		47	10 - 147
2,4-Dimethylphenol	100	79.65		ug/L		80	30 - 128
Dimethyl phthalate	100	95.44		ug/L		95	46 - 129
Di-n-butyl phthalate	100	99.36		ug/L		99	49 - 138
1,3-Dinitrobenzene	100	43.86		ug/L		44	36 - 147
4,6-Dinitro-2-methylphenol	200	155.6		ug/L		78	22 - 150
2,4-Dinitrophenol	200	108.4		ug/L		54	10 - 150
2,4-Dinitrotoluene	100	88.33		ug/L		88	48 - 136
2,6-Dinitrotoluene	100	94.78		ug/L		95	49 - 135
Di-n-octyl phthalate	100	112.7		ug/L		113	33 - 148
Disulfoton	51.2	50.04		ug/L		98	27 - 138
Ethyl Parathion	51.2	47.50		ug/L		93	52 - 141
Famphur	51.2	72.40		ug/L		141	67 - 150
Fluoranthene	100	91.29		ug/L		91	49 - 132
Fluorene	100	88.16		ug/L		88	46 - 118
Hexachlorobenzene	100	87.18		ug/L		87	42 - 134
Hexachlorobutadiene	100	71.63		ug/L		72	29 - 110
Hexachlorocyclopentadiene	100	64.08		ug/L		64	10 - 110
Hexachloroethane	100	59.97		ug/L		60	25 - 110
Indeno[1,2,3-cd]pyrene	100	93.93		ug/L		94	36 - 149
Isophorone	100	92.91		ug/L		93	46 - 126
Methapyrilene	51.2	16.08		ug/L		31	10 - 110
3-Methylcholanthrene	44.8	63.77	*+	ug/L		142	13 - 140
2-Methylnaphthalene	100	76.64		ug/L		77	35 - 110
Methyl parathion	51.2	51.99		ug/L		102	49 - 150
2-Methylphenol	100	79.24		ug/L		79	47 - 114
Methylphenol, 3 & 4	100	77.53		ug/L		78	45 - 114
1-Naphthylamine	44.8	27.36		ug/L		61	10 - 110
2-Naphthylamine	44.8	37.10		ug/L		83	18 - 111
2-Nitroaniline	100	99.75		ug/L		100	48 - 135
3-Nitroaniline	100	92.05		ug/L		92	38 - 142
4-Nitroaniline	100	88.04		ug/L		88	33 - 141
Nitrobenzene	100	83.21		ug/L		83	42 - 123
5-Nitro-o-toluidine	44.8	48.15		ug/L		107	43 - 139

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 310-488619/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 489231
Prep Batch: 488619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitrophenol	100	87.67		ug/L		88	36 - 144
4-Nitrophenol	200	108.1		ug/L		54	22 - 110
N-Nitrosodiethylamine	44.8	40.99		ug/L		92	51 - 116
N-Nitrosodimethylamine	100	60.86		ug/L		61	37 - 110
N-Nitrosodi-n-butylamine	44.8	43.25		ug/L		97	49 - 135
N-Nitrosodi-n-propylamine	100	85.72		ug/L		86	44 - 124
N-Nitrosodiphenylamine	100	90.88		ug/L		91	43 - 132
N-Nitrosomethylethylamine	44.8	35.89		ug/L		80	43 - 114
N-Nitrosopiperidine	44.8	44.19		ug/L		99	50 - 120
N-Nitrosopyrrolidine	44.8	39.80		ug/L		89	47 - 129
o,o',o''-Triethylphosphorothioate	51.2	41.55		ug/L		81	34 - 125
o-Toluidine	44.8	31.78		ug/L		71	19 - 128
p-Dimethylamino azobenzene	44.8	46.86		ug/L		105	45 - 133
Pentachloronitrobenzene	44.8	50.93		ug/L		114	45 - 132
Pentachlorophenol	200	162.8		ug/L		81	28 - 142
Phenacetin	44.8	43.55		ug/L		97	51 - 139
Phenanthrene	100	91.08		ug/L		91	48 - 126
Phenol	100	53.94		ug/L		54	29 - 110
1,4-phenylenediamine	44.8	12.28		ug/L		27	20 - 120
Phorate	51.2	51.40		ug/L		100	21 - 147
Pronamide	44.8	46.36		ug/L		103	52 - 135
Pyrene	100	92.22		ug/L		92	45 - 134
Safrole	51.2	35.81		ug/L		70	26 - 117
1,2,4,5-Tetrachlorobenzene	100	75.32		ug/L		75	35 - 110
2,3,4,6-Tetrachlorophenol	100	82.33		ug/L		82	32 - 142
Thionazin	51.2	49.94		ug/L		98	48 - 135
2,4,5-Trichlorophenol	100	93.97		ug/L		94	39 - 136
2,4,6-Trichlorophenol	100	94.59		ug/L		95	35 - 141
1,3,5-Trinitrobenzene	44.8	41.87		ug/L		93	26 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*80*		*33 - 126*
2-Fluorophenol (Surr)	*60*		*21 - 110*
Nitrobenzene-d5 (Surr)	*77*		*39 - 140*
Phenol-d5 (Surr)	*52*		*21 - 110*
Terphenyl-d14 (Surr)	*83*		*13 - 150*
2,4,6-Tribromophenol (Surr)	*101*		*20 - 144*

Lab Sample ID: LCSD 310-488619/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 489231
Prep Batch: 488619

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	100	85.66		ug/L		86	38 - 118	3	35
Acenaphthylene	100	83.81		ug/L		84	39 - 115	2	35
Acetophenone	100	81.18		ug/L		81	47 - 118	4	35
2-Acetylaminofluorene	44.8	39.90		ug/L		89	37 - 149	8	26
4-Aminobiphenyl	44.8	39.39		ug/L		88	23 - 123	1	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-488619/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 489231
Prep Batch: 488619

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	100	93.71		ug/L		94	49 - 127	1	35
Benzo[a]anthracene	100	95.62		ug/L		96	49 - 126	4	35
Benzo[a]pyrene	100	93.49		ug/L		93	44 - 133	4	35
Benzo[b]fluoranthene	100	82.61		ug/L		83	44 - 136	9	35
Benzo[g,h,i]perylene	100	97.82		ug/L		98	42 - 135	3	35
Benzo[k]fluoranthene	100	101.2		ug/L		101	49 - 134	1	35
Benzyl alcohol	100	82.55		ug/L		83	46 - 123	3	35
Bis(2-chloroethoxy)methane	100	97.61		ug/L		98	44 - 126	8	35
Bis(2-chloroethyl)ether	100	79.28		ug/L		79	41 - 116	0	35
bis (2-chloroisopropyl) ether	100	76.97		ug/L		77	36 - 115	1	35
Bis(2-ethylhexyl) phthalate	100	87.69		ug/L		88	46 - 138	4	35
4-Bromophenyl phenyl ether	100	92.13		ug/L		92	41 - 131	0	35
Butyl benzyl phthalate	100	101.1		ug/L		101	47 - 133	2	35
4-Chloroaniline	100	72.09		ug/L		72	13 - 143	16	35
4-Chloro-3-methylphenol	100	95.95		ug/L		96	51 - 132	4	35
2-Chloronaphthalene	100	81.13		ug/L		81	33 - 112	4	35
2-Chlorophenol	100	79.32		ug/L		79	43 - 119	3	35
4-Chlorophenyl phenyl ether	100	89.61		ug/L		90	44 - 118	1	35
Chrysene	100	94.59		ug/L		95	50 - 128	11	35
Diallate	51.2	55.01		ug/L		107	40 - 135	1	29
Dibenzo(a,h)anthracene	100	98.00		ug/L		98	36 - 146	1	35
Dibenzofuran	100	86.26		ug/L		86	44 - 114	2	35
2,4-Dichlorophenol	100	90.45		ug/L		90	44 - 131	1	35
2,6-Dichlorophenol	100	96.43		ug/L		96	41 - 131	3	35
Diethyl phthalate	100	95.29		ug/L		95	43 - 135	1	35
Dimethoate	51.2	56.78		ug/L		111	31 - 150	3	35
3,3'-Dimethylbenzidine	44.8	23.72		ug/L		53	10 - 147	11	35
2,4-Dimethylphenol	100	86.03		ug/L		86	30 - 128	8	35
Dimethyl phthalate	100	94.31		ug/L		94	46 - 129	1	35
Di-n-butyl phthalate	100	100.1		ug/L		100	49 - 138	1	35
1,3-Dinitrobenzene	100	49.35		ug/L		49	36 - 147	12	35
4,6-Dinitro-2-methylphenol	200	162.3		ug/L		81	22 - 150	4	35
2,4-Dinitrophenol	200	102.7		ug/L		51	10 - 150	5	35
2,4-Dinitrotoluene	100	94.35		ug/L		94	48 - 136	7	35
2,6-Dinitrotoluene	100	96.35		ug/L		96	49 - 135	2	35
Di-n-octyl phthalate	100	105.8		ug/L		106	33 - 148	6	35
Disulfoton	51.2	47.93		ug/L		94	27 - 138	4	32
Ethyl Parathion	51.2	43.95		ug/L		86	52 - 141	8	30
Famphur	51.2	69.89		ug/L		137	67 - 150	4	28
Fluoranthene	100	93.93		ug/L		94	49 - 132	3	35
Fluorene	100	86.84		ug/L		87	46 - 118	2	35
Hexachlorobenzene	100	87.50		ug/L		88	42 - 134	0	35
Hexachlorobutadiene	100	74.63		ug/L		75	29 - 110	4	35
Hexachlorocyclopentadiene	100	64.08		ug/L		64	10 - 110	0	35
Hexachloroethane	100	62.11		ug/L		62	25 - 110	4	35
Indeno[1,2,3-cd]pyrene	100	90.89		ug/L		91	36 - 149	3	35
Isophorone	100	99.75		ug/L		100	46 - 126	7	35
Methapyrilene	51.2	9.435	J *1	ug/L		18	10 - 110	52	35
3-Methylcholanthrene	44.8	58.50		ug/L		131	13 - 140	9	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 310-488619/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 489231
Prep Batch: 488619

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylnaphthalene			100	78.10		ug/L		78	35 - 110	2	35
Methyl parathion			51.2	55.72		ug/L		109	49 - 150	7	29
2-Methylphenol			100	79.97		ug/L		80	47 - 114	1	35
Methylphenol, 3 & 4			100	82.04		ug/L		82	45 - 114	6	35
1-Naphthylamine			44.8	30.83		ug/L		69	10 - 110	12	35
2-Naphthylamine			44.8	39.46		ug/L		88	18 - 111	6	35
2-Nitroaniline			100	97.51		ug/L		98	48 - 135	2	35
3-Nitroaniline			100	96.23		ug/L		96	38 - 142	4	35
4-Nitroaniline			100	87.16		ug/L		87	33 - 141	1	35
Nitrobenzene			100	80.45		ug/L		80	42 - 123	3	35
5-Nitro-o-toluidine			44.8	44.05		ug/L		98	43 - 139	9	32
2-Nitrophenol			100	89.60		ug/L		90	36 - 144	2	35
4-Nitrophenol			200	110.9		ug/L		55	22 - 110	3	35
N-Nitrosodiethylamine			44.8	38.27		ug/L		85	51 - 116	7	27
N-Nitrosodimethylamine			100	62.12		ug/L		62	37 - 110	2	35
N-Nitrosodi-n-butylamine			44.8	46.77		ug/L		104	49 - 135	8	28
N-Nitrosodi-n-propylamine			100	86.15		ug/L		86	44 - 124	1	35
N-Nitrosodiphenylamine			100	92.17		ug/L		92	43 - 132	1	35
N-Nitrosomethylethylamine			44.8	36.46		ug/L		81	43 - 114	2	29
N-Nitrosopiperidine			44.8	42.63		ug/L		95	50 - 120	4	26
N-Nitrosopyrrolidine			44.8	42.26		ug/L		94	47 - 129	6	31
o,o',o''-Triethylphosphorothioate			51.2	44.93		ug/L		88	34 - 125	8	33
o-Toluidine			44.8	31.00		ug/L		69	19 - 128	3	35
p-Dimethylamino azobenzene			44.8	48.04		ug/L		107	45 - 133	2	31
Pentachloronitrobenzene			44.8	50.66		ug/L		113	45 - 132	1	29
Pentachlorophenol			200	183.6		ug/L		92	28 - 142	12	35
Phenacetin			44.8	46.20		ug/L		103	51 - 139	6	29
Phenanthrene			100	91.71		ug/L		92	48 - 126	1	35
Phenol			100	54.24		ug/L		54	29 - 110	1	35
1,4-phenylenediamine			44.8	<10.0	*- *1	ug/L		0	20 - 120	200	35
Phorate			51.2	51.06		ug/L		100	21 - 147	1	35
Pronamide			44.8	45.63		ug/L		102	52 - 135	2	28
Pyrene			100	94.64		ug/L		95	45 - 134	3	35
Safrole			51.2	43.05		ug/L		84	26 - 117	18	35
1,2,4,5-Tetrachlorobenzene			100	75.96		ug/L		76	35 - 110	1	35
2,3,4,6-Tetrachlorophenol			100	83.12		ug/L		83	32 - 142	1	35
Thionazin			51.2	47.97		ug/L		94	48 - 135	4	30
2,4,5-Trichlorophenol			100	95.12		ug/L		95	39 - 136	1	35
2,4,6-Trichlorophenol			100	92.95		ug/L		93	35 - 141	2	35
1,3,5-Trinitrobenzene			44.8	41.51		ug/L		93	26 - 150	1	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*76*		*33 - 126*
2-Fluorophenol (Surr)	*57*		*21 - 110*
Nitrobenzene-d5 (Surr)	*73*		*39 - 140*
Phenol-d5 (Surr)	*46*		*21 - 110*
Terphenyl-d14 (Surr)	*77*		*13 - 150*
2,4,6-Tribromophenol (Surr)	*88*		*20 - 144*

Method: 8015C - Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)

Lab Sample ID: MB 310-489100/4
Matrix: Water
Analysis Batch: 489100

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	<10.0		10.0	2.60	mg/L			05/15/26 12:26	1
Isobutanol	<10.0		10.0	2.40	mg/L			05/15/26 12:26	1

Lab Sample ID: LCS 310-489100/5
Matrix: Water
Analysis Batch: 489100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetonitrile	103	93.53		mg/L		91	57 - 139
Isobutanol	93.2	91.22		mg/L		98	78 - 124

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 310-488968/1-A
Matrix: Water
Analysis Batch: 488987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1.98		1.98	0.813	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1221	<1.98		1.98	0.813	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1232	<1.98		1.98	0.813	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1242	<1.98		1.98	0.813	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1248	<1.98		1.98	0.684	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1254	<1.98		1.98	0.684	ug/L		05/14/26 10:56	05/14/26 18:10	1
PCB-1260	<1.98		1.98	0.684	ug/L		05/14/26 10:56	05/14/26 18:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr)	*45*		*10 - 150*	*05/14/26 10:56*	*05/14/26 18:10*	*1*
Tetrachloro-m-xylene	*56*	*p*	*17 - 150*	*05/14/26 10:56*	*05/14/26 18:10*	*1*

Lab Sample ID: LCS 310-488968/2-A
Matrix: Water
Analysis Batch: 488987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	28.0	25.66		ug/L		92	25 - 150
PCB-1260	28.0	24.05		ug/L		86	14 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr)	*50*		*10 - 150*
Tetrachloro-m-xylene	*60*		*17 - 150*

Method: 8321B - Herbicides (LC/MS)

Lab Sample ID: MB 410-816808/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 816864
Prep Batch: 816808

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.100		0.100	0.0800	ug/L		05/13/26 11:45	05/13/26 14:46	1
Silvex (2,4,5-TP)	<0.100		0.100	0.0300	ug/L		05/13/26 11:45	05/13/26 14:46	1
2,4,5-T	<0.100		0.100	0.0400	ug/L		05/13/26 11:45	05/13/26 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*95*		*70 - 130*	*05/13/26 11:45*	*05/13/26 14:46*	*1*

Lab Sample ID: LCS 410-816808/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 816864
Prep Batch: 816808

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	2.50	2.182		ug/L		87	70 - 130
Silvex (2,4,5-TP)	2.49	2.198		ug/L		88	70 - 130
2,4,5-T	2.50	2.223		ug/L		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCAA	*96*		*70 - 130*

Lab Sample ID: LCSD 410-816808/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 816864
Prep Batch: 816808

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D	2.50	2.451		ug/L		98	70 - 130	12	30
Silvex (2,4,5-TP)	2.49	2.403		ug/L		96	70 - 130	9	30
2,4,5-T	2.50	2.434		ug/L		97	70 - 130	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCAA	*98*		*70 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-866850/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total Recoverable
Analysis Batch: 867200
Prep Batch: 866850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/16/26 06:39	05/18/26 19:10	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/16/26 06:39	05/18/26 19:10	1
Barium	<0.00250		0.00250	0.000730	mg/L		05/16/26 06:39	05/18/26 19:10	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/16/26 06:39	05/18/26 19:10	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/16/26 06:39	05/18/26 19:10	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/16/26 06:39	05/18/26 19:10	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/16/26 06:39	05/18/26 19:10	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/16/26 06:39	05/18/26 19:10	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/16/26 06:39	05/18/26 19:10	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/16/26 06:39	05/18/26 19:10	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 500-866850/1-A
Matrix: Water
Analysis Batch: 867200

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 866850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00250		0.00250	0.000982	mg/L		05/16/26 06:39	05/18/26 19:10	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/16/26 06:39	05/18/26 19:10	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/16/26 06:39	05/18/26 19:10	1
Tin	<0.00500		0.00500	0.00130	mg/L		05/16/26 06:39	05/18/26 19:10	1
Vanadium	<0.000270		0.000270	0.0000843	mg/L		05/16/26 06:39	05/18/26 19:10	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/16/26 06:39	05/18/26 19:10	1

Lab Sample ID: LCS 500-866850/2-A
Matrix: Water
Analysis Batch: 867200

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 866850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.5668		mg/L		113	80 - 120
Arsenic	0.100	0.1052		mg/L		105	80 - 120
Barium	0.500	0.4836		mg/L		97	80 - 120
Beryllium	0.0500	0.04790		mg/L		96	80 - 120
Cadmium	0.0500	0.05213		mg/L		104	80 - 120
Chromium	0.200	0.1843		mg/L		92	80 - 120
Cobalt	0.500	0.5522		mg/L		110	80 - 120
Copper	0.250	0.2518		mg/L		101	80 - 120
Lead	0.100	0.1051		mg/L		105	80 - 120
Nickel	0.500	0.5143		mg/L		103	80 - 120
Selenium	0.100	0.1069		mg/L		107	80 - 120
Silver	0.0500	0.05323		mg/L		106	80 - 120
Thallium	0.100	0.1078		mg/L		108	80 - 120
Tin	1.00	1.065		mg/L		106	80 - 120
Vanadium	0.500	0.5074		mg/L		101	80 - 120
Zinc	0.500	0.5357		mg/L		107	80 - 120

Lab Sample ID: 310-331613-1 MS
Matrix: Water
Analysis Batch: 867200

Client Sample ID: MW-14B
Prep Type: Total Recoverable
Prep Batch: 866850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.00		0.500	0.5597		mg/L		112	75 - 125
Arsenic	0.00144		0.100	0.1065		mg/L		105	75 - 125
Barium	0.391		0.500	0.9172		mg/L		105	75 - 125
Beryllium	<0.400		0.0500	0.04684		mg/L		94	75 - 125
Cadmium	<0.500		0.0500	0.05143		mg/L		103	75 - 125
Chromium	<5.00		0.200	0.1863		mg/L		93	75 - 125
Cobalt	0.00496		0.500	0.5402		mg/L		107	75 - 125
Copper	0.00182	J	0.250	0.2468		mg/L		98	75 - 125
Lead	<0.000500		0.100	0.1029		mg/L		103	75 - 125
Nickel	0.0101		0.500	0.4887		mg/L		96	75 - 125
Selenium	<2.50		0.100	0.1040	4	mg/L		104	75 - 125
Silver	<0.500		0.0500	0.05250		mg/L		105	75 - 125
Thallium	<0.400		0.100	0.1054		mg/L		105	75 - 125
Tin	<5.00		1.00	1.089		mg/L		109	75 - 125
Vanadium	0.446	F1	0.500	0.5065	F1	mg/L		12	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-331613-1 MS
Matrix: Water
Analysis Batch: 867200

Client Sample ID: MW-14B
Prep Type: Total Recoverable
Prep Batch: 866850

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	<20.0		0.500	0.5137		mg/L		103	75 - 125

Lab Sample ID: 310-331613-1 MSD
Matrix: Water
Analysis Batch: 867200

Client Sample ID: MW-14B
Prep Type: Total Recoverable
Prep Batch: 866850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.00		0.500	0.5578		mg/L		112	75 - 125	0	20
Arsenic	0.00144		0.100	0.1065		mg/L		105	75 - 125	0	20
Barium	0.391		0.500	0.9146		mg/L		105	75 - 125	0	20
Beryllium	<0.400		0.0500	0.04713		mg/L		94	75 - 125	1	20
Cadmium	<0.500		0.0500	0.05150		mg/L		103	75 - 125	0	20
Chromium	<5.00		0.200	0.1873		mg/L		94	75 - 125	1	20
Cobalt	0.00496		0.500	0.5392		mg/L		107	75 - 125	0	20
Copper	0.00182	J	0.250	0.2459		mg/L		98	75 - 125	0	20
Lead	<0.000500		0.100	0.1026		mg/L		103	75 - 125	0	20
Nickel	0.0101		0.500	0.4856		mg/L		95	75 - 125	1	20
Selenium	<2.50		0.100	0.1053	4	mg/L		105	75 - 125	1	20
Silver	<0.500		0.0500	0.05293		mg/L		106	75 - 125	1	20
Thallium	<0.400		0.100	0.1057		mg/L		106	75 - 125	0	20
Tin	<5.00		1.00	1.091		mg/L		109	75 - 125	0	20
Vanadium	0.446	F1	0.500	0.5041	F1	mg/L		12	75 - 125	0	20
Zinc	<20.0		0.500	0.5151		mg/L		103	75 - 125	0	20

Lab Sample ID: 310-331613-1 DU
Matrix: Water
Analysis Batch: 867200

Client Sample ID: MW-14B
Prep Type: Total Recoverable
Prep Batch: 866850

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<1.00		<0.00100		mg/L		NC	20
Arsenic	0.00144		0.001397		mg/L		3	20
Barium	0.391		0.3897		mg/L		0.4	20
Beryllium	<0.400		<0.000400		mg/L		NC	20
Cadmium	<0.500		<0.000500		mg/L		NC	20
Chromium	<5.00		<0.00500		mg/L		NC	20
Cobalt	0.00496		0.004888		mg/L		1	20
Copper	0.00182	J	0.001523	J	mg/L		18	20
Lead	<0.000500		<0.000500		mg/L		NC	20
Nickel	0.0101		0.01008		mg/L		0.5	20
Selenium	<2.50		<0.00250		mg/L		NC	20
Silver	<0.500		<0.000500		mg/L		NC	20
Thallium	<0.400		<0.000400		mg/L		NC	20
Tin	<5.00		<0.00500		mg/L		NC	20
Vanadium	0.446	F1	0.0004179	F3	mg/L		200	20
Zinc	<20.0		<0.0200		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-866777/12-A
Matrix: Water
Analysis Batch: 867117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 866777

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.200		0.200	0.0760	ug/L		05/15/26 12:35	05/18/26 11:02	1

Lab Sample ID: LCS 500-866777/13-A
Matrix: Water
Analysis Batch: 867117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 866777

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			2.00	1.887		ug/L		94	80 - 120		

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 310-488911/1-A
Matrix: Water
Analysis Batch: 489044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 488911

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0100		0.0100	0.00350	mg/L		05/14/26 07:53	05/14/26 21:24	1

Lab Sample ID: LCS 310-488911/2-A
Matrix: Water
Analysis Batch: 489044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 488911

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.200	0.2061		mg/L		103	90 - 110		

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-866941/1
Matrix: Water
Analysis Batch: 866941

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.00		1.00	0.231	mg/L			05/17/26 14:20	1

Lab Sample ID: LCS 500-866941/2
Matrix: Water
Analysis Batch: 866941

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			4.12	4.416		mg/L		107	80 - 120		

Lab Sample ID: LCSD 500-866941/3
Matrix: Water
Analysis Batch: 866941

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide			4.12	4.448		mg/L		108	80 - 120	1	20

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-488588/1
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 488588

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/11/26 13:06	1

Lab Sample ID: LCS 310-488588/2
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 488588

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	92.00		mg/L		92	82 - 117

Lab Sample ID: 310-331613-2 DU
Client Sample ID: MW-8B
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 488588

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	24.3		26.67		mg/L		9	35

Lab Sample ID: MB 310-488681/1
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 488681

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/12/26 10:56	1

Lab Sample ID: LCS 310-488681/2
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 488681

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	101.0		mg/L		101	82 - 117

Lab Sample ID: MB 310-488705/1
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 488705

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/12/26 12:23	1

Lab Sample ID: LCS 310-488705/2
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 488705

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	97.00		mg/L		97	82 - 117

GC/MS VOA

Analysis Batch: 488711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-19	Trip Blank 1	Total/NA	Water	8260D	
310-331613-20	Trip Blank 2	Total/NA	Water	8260D	
310-331613-21	Trip Blank 3	Total/NA	Water	8260D	
MB 310-488711/5	Method Blank	Total/NA	Water	8260D	
LCS 310-488711/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-488711/7	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 488812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-13	MW-31B	Total/NA	Water	8260D	
310-331613-14	MW-213A	Total/NA	Water	8260D	
310-331613-15	MW-216A	Total/NA	Water	8260D	
310-331613-16	MW-34A	Total/NA	Water	8260D	
310-331613-17	MW-38A	Total/NA	Water	8260D	
MB 310-488812/6	Method Blank	Total/NA	Water	8260D	
LCS 310-488812/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-488812/8	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 488619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	3510C	
MB 310-488619/1-A	Method Blank	Total/NA	Water	3510C	
LCS 310-488619/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 310-488619/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 488708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	3511	
MB 310-488708/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-488708/7-A	Lab Control Sample	Total/NA	Water	3511	
310-331613-14 MS	MW-213A	Total/NA	Water	3511	
310-331613-14 MSD	MW-213A	Total/NA	Water	3511	

Analysis Batch: 488740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	8270E	488708
MB 310-488708/1-A	Method Blank	Total/NA	Water	8270E	488708
LCS 310-488708/7-A	Lab Control Sample	Total/NA	Water	8270E	488708
310-331613-14 MS	MW-213A	Total/NA	Water	8270E	488708
310-331613-14 MSD	MW-213A	Total/NA	Water	8270E	488708

Analysis Batch: 489231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	8270E	488619
MB 310-488619/1-A	Method Blank	Total/NA	Water	8270E	488619
LCS 310-488619/2-A	Lab Control Sample	Total/NA	Water	8270E	488619
LCSD 310-488619/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	488619

GC Semi VOA

Prep Batch: 488968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	3511	
MB 310-488968/1-A	Method Blank	Total/NA	Water	3511	
LCS 310-488968/2-A	Lab Control Sample	Total/NA	Water	3511	

Analysis Batch: 488987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-488968/1-A	Method Blank	Total/NA	Water	8082A	488968
LCS 310-488968/2-A	Lab Control Sample	Total/NA	Water	8082A	488968

Analysis Batch: 489100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	8015C	
MB 310-489100/4	Method Blank	Total/NA	Water	8015C	
LCS 310-489100/5	Lab Control Sample	Total/NA	Water	8015C	

Analysis Batch: 489312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	8082A	488968

LCMS

Prep Batch: 816808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	8321B	
MB 410-816808/1-A	Method Blank	Total/NA	Water	8321B	
LCS 410-816808/2-A	Lab Control Sample	Total/NA	Water	8321B	
LCSD 410-816808/3-A	Lab Control Sample Dup	Total/NA	Water	8321B	

Analysis Batch: 816864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	8321B	816808
MB 410-816808/1-A	Method Blank	Total/NA	Water	8321B	816808
LCS 410-816808/2-A	Lab Control Sample	Total/NA	Water	8321B	816808
LCSD 410-816808/3-A	Lab Control Sample Dup	Total/NA	Water	8321B	816808

Metals

Prep Batch: 866777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	7470A	
MB 500-866777/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-866777/13-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 866850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-1	MW-14B	Total Recoverable	Water	3005A	
310-331613-2	MW-8B	Total Recoverable	Water	3005A	
310-331613-3	MW-204A	Total Recoverable	Water	3005A	
310-331613-4	MW-208B	Total Recoverable	Water	3005A	
310-331613-5	MW-203A	Total Recoverable	Water	3005A	
310-331613-6	MW-210B	Total Recoverable	Water	3005A	
310-331613-7	MW-5B	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 866850 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-8	MW-7B1	Total Recoverable	Water	3005A	
310-331613-9	MW-202A	Total Recoverable	Water	3005A	
310-331613-10	MW-17A-00	Total Recoverable	Water	3005A	
310-331613-11	MW-214A	Total Recoverable	Water	3005A	
310-331613-12	MW-215A	Total Recoverable	Water	3005A	
310-331613-13	MW-31B	Total Recoverable	Water	3005A	
310-331613-14	MW-213A	Total Recoverable	Water	3005A	
310-331613-15	MW-216A	Total Recoverable	Water	3005A	
310-331613-16	MW-34A	Total Recoverable	Water	3005A	
310-331613-17	MW-38A	Total Recoverable	Water	3005A	
310-331613-18	MW-23A	Total Recoverable	Water	3005A	
MB 500-866850/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-866850/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
310-331613-1 MS	MW-14B	Total Recoverable	Water	3005A	
310-331613-1 MSD	MW-14B	Total Recoverable	Water	3005A	
310-331613-1 DU	MW-14B	Total Recoverable	Water	3005A	

Analysis Batch: 867117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	7470A	866777
MB 500-866777/12-A	Method Blank	Total/NA	Water	7470A	866777
LCS 500-866777/13-A	Lab Control Sample	Total/NA	Water	7470A	866777

Analysis Batch: 867200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-1	MW-14B	Total Recoverable	Water	6020B	866850
310-331613-2	MW-8B	Total Recoverable	Water	6020B	866850
310-331613-3	MW-204A	Total Recoverable	Water	6020B	866850
310-331613-4	MW-208B	Total Recoverable	Water	6020B	866850
310-331613-5	MW-203A	Total Recoverable	Water	6020B	866850
310-331613-6	MW-210B	Total Recoverable	Water	6020B	866850
310-331613-7	MW-5B	Total Recoverable	Water	6020B	866850
310-331613-8	MW-7B1	Total Recoverable	Water	6020B	866850
310-331613-9	MW-202A	Total Recoverable	Water	6020B	866850
310-331613-10	MW-17A-00	Total Recoverable	Water	6020B	866850
310-331613-11	MW-214A	Total Recoverable	Water	6020B	866850
310-331613-12	MW-215A	Total Recoverable	Water	6020B	866850
310-331613-13	MW-31B	Total Recoverable	Water	6020B	866850
310-331613-14	MW-213A	Total Recoverable	Water	6020B	866850
310-331613-15	MW-216A	Total Recoverable	Water	6020B	866850
310-331613-16	MW-34A	Total Recoverable	Water	6020B	866850
310-331613-17	MW-38A	Total Recoverable	Water	6020B	866850
310-331613-18	MW-23A	Total Recoverable	Water	6020B	866850
MB 500-866850/1-A	Method Blank	Total Recoverable	Water	6020B	866850
LCS 500-866850/2-A	Lab Control Sample	Total Recoverable	Water	6020B	866850
310-331613-1 MS	MW-14B	Total Recoverable	Water	6020B	866850
310-331613-1 MSD	MW-14B	Total Recoverable	Water	6020B	866850
310-331613-1 DU	MW-14B	Total Recoverable	Water	6020B	866850

Metals

Analysis Batch: 867298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-12	MW-215A	Total Recoverable	Water	6020B	866850
310-331613-13	MW-31B	Total Recoverable	Water	6020B	866850
310-331613-14	MW-213A	Total Recoverable	Water	6020B	866850
310-331613-18	MW-23A	Total Recoverable	Water	6020B	866850

General Chemistry

Analysis Batch: 488588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-1	MW-14B	Total/NA	Water	I-3765-85	
310-331613-2	MW-8B	Total/NA	Water	I-3765-85	
310-331613-3	MW-204A	Total/NA	Water	I-3765-85	
310-331613-4	MW-208B	Total/NA	Water	I-3765-85	
310-331613-5	MW-203A	Total/NA	Water	I-3765-85	
310-331613-6	MW-210B	Total/NA	Water	I-3765-85	
310-331613-7	MW-5B	Total/NA	Water	I-3765-85	
310-331613-8	MW-7B1	Total/NA	Water	I-3765-85	
MB 310-488588/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-488588/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-331613-2 DU	MW-8B	Total/NA	Water	I-3765-85	

Analysis Batch: 488681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-9	MW-202A	Total/NA	Water	I-3765-85	
310-331613-10	MW-17A-00	Total/NA	Water	I-3765-85	
310-331613-11	MW-214A	Total/NA	Water	I-3765-85	
310-331613-12	MW-215A	Total/NA	Water	I-3765-85	
310-331613-15	MW-216A	Total/NA	Water	I-3765-85	
MB 310-488681/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-488681/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 488705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-13	MW-31B	Total/NA	Water	I-3765-85	
310-331613-14	MW-213A	Total/NA	Water	I-3765-85	
310-331613-16	MW-34A	Total/NA	Water	I-3765-85	
310-331613-17	MW-38A	Total/NA	Water	I-3765-85	
310-331613-18	MW-23A	Total/NA	Water	I-3765-85	
MB 310-488705/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-488705/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Prep Batch: 488911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	9012B	
MB 310-488911/1-A	Method Blank	Total/NA	Water	9012B	
LCS 310-488911/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 489044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	9012B	488911
MB 310-488911/1-A	Method Blank	Total/NA	Water	9012B	488911

General Chemistry (Continued)

Analysis Batch: 489044 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-488911/2-A	Lab Control Sample	Total/NA	Water	9012B	488911

Analysis Batch: 866941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331613-14	MW-213A	Total/NA	Water	9034	
MB 500-866941/1	Method Blank	Total/NA	Water	9034	
LCS 500-866941/2	Lab Control Sample	Total/NA	Water	9034	
LCSD 500-866941/3	Lab Control Sample Dup	Total/NA	Water	9034	

Lab Chronicle

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-14B
Lab Sample ID: 310-331613-1
Date Collected: 05/05/26 13:00
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:15
Total/NA	Analysis	I-3765-85		1	488588	DGU1	EET CF	05/11/26 13:06

Client Sample ID: MW-8B
Lab Sample ID: 310-331613-2
Date Collected: 05/05/26 10:28
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:29
Total/NA	Analysis	I-3765-85		1	488588	DGU1	EET CF	05/11/26 13:06

Client Sample ID: MW-204A
Lab Sample ID: 310-331613-3
Date Collected: 05/05/26 10:56
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:32
Total/NA	Analysis	I-3765-85		1	488588	DGU1	EET CF	05/11/26 13:06

Client Sample ID: MW-208B
Lab Sample ID: 310-331613-4
Date Collected: 05/05/26 13:32
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:34
Total/NA	Analysis	I-3765-85		1	488588	DGU1	EET CF	05/11/26 13:06

Client Sample ID: MW-203A
Lab Sample ID: 310-331613-5
Date Collected: 05/05/26 13:57
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:36
Total/NA	Analysis	I-3765-85		1	488588	DGU1	EET CF	05/11/26 13:06

Lab Chronicle

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-210B
Lab Sample ID: 310-331613-6
Date Collected: 05/05/26 12:12
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:39
Total/NA	Analysis	I-3765-85		1	488588	DGU1	EET CF	05/11/26 13:06

Client Sample ID: MW-5B
Lab Sample ID: 310-331613-7
Date Collected: 05/05/26 12:35
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:41
Total/NA	Analysis	I-3765-85		1	488588	DGU1	EET CF	05/11/26 13:06

Client Sample ID: MW-7B1
Lab Sample ID: 310-331613-8
Date Collected: 05/05/26 10:07
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:44
Total/NA	Analysis	I-3765-85		1	488588	DGU1	EET CF	05/11/26 13:06

Client Sample ID: MW-202A
Lab Sample ID: 310-331613-9
Date Collected: 05/06/26 08:25
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:51
Total/NA	Analysis	I-3765-85		1	488681	DGU1	EET CF	05/12/26 10:56

Client Sample ID: MW-17A-00
Lab Sample ID: 310-331613-10
Date Collected: 05/06/26 07:53
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:54
Total/NA	Analysis	I-3765-85		1	488681	DGU1	EET CF	05/12/26 10:56

Client Sample ID: MW-214A
Lab Sample ID: 310-331613-11

Date Collected: 05/06/26 07:20
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:56
Total/NA	Analysis	I-3765-85		1	488681	DGU1	EET CF	05/12/26 10:56

Client Sample ID: MW-215A
Lab Sample ID: 310-331613-12

Date Collected: 05/06/26 09:30
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867298	RN	EET CHI	05/19/26 12:40
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 19:59
Total/NA	Analysis	I-3765-85		1	488681	DGU1	EET CF	05/12/26 10:56

Client Sample ID: MW-31B
Lab Sample ID: 310-331613-13

Date Collected: 05/06/26 09:02
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488812	WSE8	EET CF	05/13/26 21:23
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867298	RN	EET CHI	05/19/26 12:43
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 20:01
Total/NA	Analysis	I-3765-85		1	488705	DGU1	EET CF	05/12/26 12:23

Client Sample ID: MW-213A
Lab Sample ID: 310-331613-14

Date Collected: 05/06/26 10:08
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488812	WSE8	EET CF	05/13/26 21:45
Total/NA	Prep	3511			488708	V7YZ	EET CF	05/12/26 12:36
Total/NA	Analysis	8270E		1	488740	D2YP	EET CF	05/12/26 22:42
Total/NA	Prep	3510C			488619	J5BR	EET CF	05/12/26 06:47
Total/NA	Analysis	8270E		1	489231	D2YP	EET CF	05/18/26 17:06
Total/NA	Analysis	8015C		1	489100	BW2O	EET CF	05/15/26 14:53
Total/NA	Prep	3511			488968	BW2O	EET CF	05/14/26 10:56
Total/NA	Analysis	8082A		1	489312	BW2O	EET CF	05/18/26 21:06
Total/NA	Prep	8321B			816808	CL6F	ELLE	05/13/26 11:45
Total/NA	Analysis	8321B		1	816864	F9DU	ELLE	05/13/26 15:25
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867298	RN	EET CHI	05/19/26 12:46

Client Sample ID: MW-213A
Lab Sample ID: 310-331613-14

Date Collected: 05/06/26 10:08
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 20:03
Total/NA	Prep	7470A			866777	MJG	EET CHI	05/15/26 12:35 - 05/15/26 14:35 [1]
Total/NA	Analysis	7470A		1	867117	MJG	EET CHI	05/18/26 11:41
Total/NA	Prep	9012B			488911	WZC8	EET CF	05/14/26 07:53
Total/NA	Analysis	9012B		1	489044	ZJX4	EET CF	05/14/26 21:29
Total/NA	Analysis	9034		1	866941	TR	EET CHI	05/18/26 03:53 - 05/18/26 06:36 [1]
Total/NA	Analysis	I-3765-85		1	488705	DGU1	EET CF	05/12/26 12:23

Client Sample ID: MW-216A
Lab Sample ID: 310-331613-15

Date Collected: 05/06/26 13:59
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488812	WSE8	EET CF	05/13/26 22:08
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 20:06
Total/NA	Analysis	I-3765-85		1	488681	DGU1	EET CF	05/12/26 10:56

Client Sample ID: MW-34A
Lab Sample ID: 310-331613-16

Date Collected: 05/06/26 13:09
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488812	WSE8	EET CF	05/13/26 22:30
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 20:08
Total/NA	Analysis	I-3765-85		1	488705	DGU1	EET CF	05/12/26 12:23

Client Sample ID: MW-38A
Lab Sample ID: 310-331613-17

Date Collected: 05/06/26 12:04
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488812	WSE8	EET CF	05/13/26 22:53
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 20:11
Total/NA	Analysis	I-3765-85		1	488705	DGU1	EET CF	05/12/26 12:23

Client Sample ID: MW-23A
Lab Sample ID: 310-331613-18

Date Collected: 05/06/26 12:35
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867298	RN	EET CHI	05/19/26 13:12
Total Recoverable	Prep	3005A			866850	BDE	EET CHI	05/16/26 06:39 - 05/16/26 12:39 [1]
Total Recoverable	Analysis	6020B		1	867200	RN	EET CHI	05/18/26 20:13
Total/NA	Analysis	I-3765-85		1	488705	DGU1	EET CF	05/12/26 12:23

Client Sample ID: Trip Blank 1
Lab Sample ID: 310-331613-19

Date Collected: 05/06/26 00:00
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488711	WSE8	EET CF	05/12/26 19:45

Client Sample ID: Trip Blank 2
Lab Sample ID: 310-331613-20

Date Collected: 05/06/26 00:00
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488711	WSE8	EET CF	05/12/26 20:07

Client Sample ID: Trip Blank 3
Lab Sample ID: 310-331613-21

Date Collected: 05/06/26 00:00
Matrix: Water
Date Received: 05/08/26 09:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488711	WSE8	EET CF	05/12/26 20:29

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Laboratory: Eurofins Cedar Falls

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-27

The following analytes are included in this report, but the laboratory is not certified by Iowa State 007. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	1,2,4-Trichlorobenzene
8260D		Water	Allyl chloride
8260D		Water	Ethyl methacrylate

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-28

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-27
Alaska	State	PA00009	05-17-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-27
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-27
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-27
Delaware (DW)	State	N/A	01-31-27
Florida	NELAP	E87997	06-30-26
Georgia (DW)	State	C048	01-31-27
Illinois	NELAP	200027	01-31-27
Iowa	State	361	03-01-28
Kansas	NELAP	E-10151	05-13-26
Kentucky (DW)	State	KY90088	12-31-26
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-26
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	05-13-26
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-27
Minnesota	NELAP	042-999-487	12-31-26
Mississippi	State	023	01-31-27
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-27
Nebraska	State	NE-OS-32-17	01-31-27

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Hampshire	NELAP	2730	01-10-27
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-27
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	01-03-27
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-27
Oklahoma	NELAP	9804	12-13-26
Oregon	NELAP	PA200001	09-11-26
Pennsylvania	NELAP	36-00037	01-31-27
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-31-26
South Carolina	State	89002	01-31-27
Tennessee	State	02838	01-31-27
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	05-08-29
Vermont	State	VT - 36037	10-28-26
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-27
West Virginia (DW)	State	9906 C	01-31-27
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-27
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
8270E	Organochlorine Pesticides by GC-MS/MS	SW846	EET CF
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CF
8015C	Nonhalogenated Organic using GC/FID (Direct Aqueous Injection)	SW846	EET CF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CF
8321B	Herbicides (LC/MS)	SW846	ELLE
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total andor Amenable	SW846	EET CF
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	EET CHI
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CF
3511	Microextraction of Organic Compounds	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CHI
8321B	Extraction of Chlorinated Phenoxyacid Herbicides	EPA	ELLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

eurofins | Environment Testing America

310-331613 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 8/4/26 | TIME 1430 | Received By:

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☒ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other.

Condition of Cooler/Containers

Sample(s) received in Cooler?	☒ Yes	☐ No	*If yes:* Cooler ID:
Multiple Coolers?	☒ Yes	☐ No	*If yes.* Cooler # 1 of 3
Cooler Custody Seals Present?	☐ Yes	☒ No	*If yes.* Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present?	☐ Yes	☒ No	*If yes:* Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?	☒ Yes	☐ No	*If yes:* Which VOA samples are in cooler? ↓

2134

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: ☐ NONE

Thermometer ID: BB | Correction Factor (°C) 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.2 | Corrected Temp (°C): 1.2

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 8/8/22 | TIME 1430 | Received By:

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:

Condition of Cooler/Containers

Sample(s) received in Cooler?	☑ Yes	☐ No	*If yes:* Cooler ID.
Multiple Coolers?	☑ Yes	☐ No	*If yes:* Cooler # 2 of 3
Cooler Custody Seals Present?	☐ Yes	☑ No	*If yes:* Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present?	☐ Yes	☑ No	*If yes:* Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?	☑ Yes	☐ No	*If yes:* Which VOA samples are in cooler? ↓

3B

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: ☐ NONE

Thermometer ID: BB | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.0 | Corrected Temp (°C): 1.6

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C)		
Corrected Temp (°C)		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 5/8/26 | TIME 1430 | Received By:

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other _____

Condition of Cooler/Containers

Sample(s) received in Cooler?	☑ Yes ☐ No	*If yes:* Cooler ID:
Multiple Coolers?	☑ Yes ☐ No	*If yes:* Cooler # 3 of 3
Cooler Custody Seals Present? No	☐ Yes ☑ No	*If yes:* Cooler custody seals intact? ☐ Yes ☐ No
Sample Custody Seals Present? No	☐ Yes ☑ No	*If yes:* Sample custody seals intact? ☐ Yes ☐ No
Trip Blank Present?	☑ Yes ☐ No	*If yes:* Which VOA samples are in cooler? ↓

The Rest

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE

Thermometer ID: BB | Correction Factor (°C) 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.4 | Corrected Temp (°C): 1.4

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE. If yes, contact PM before proceeding If no, proceed with login

Additional Comments

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

Client Information	Sampler: Joel Fehrmeister	Lab PM: Calhoun Conner M	Carrier Tracking No(s):	COC No: 310-120130-28018.1
Client Contact: Richard Wilson	Phone: 319-936-5194	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested:			
City: Omaha	TAT Requested (days):			
State, Zip: NE, 68106	Compliance Project: ∆ Yes ∆ No			
Phone: 402-392-6714(Tel)	PO #: RFP23-14			
Email: richard.wilson2@hdrinc.com	WO #:			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL
N None
D HNO3
B NaOH
CB ZnAcetate/NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I (Metals + VOC)	Appendix II- Full List	TSS	6020 (Metals List)	9034- Sulfide	8260D Dichlorodifluoromethane	8151- Silvex (2,4,5-TP)	PCB 1221	Total Cyanide	8270- Bis[2-ethylhexyl]phthalate	Natural Attenuation- NITRATE, Sulfate, TOC, Fe, Mn		Total Number of containers	Special Instructions/Note
Preservation Code:					X	X													X	
MW-4B	5-5-26	1300	G	Water					X	X										Appendix I Total Metals, VOCs
MW-8B	5-5-26	10:28	G	Water					X	X										Appendix II VOCs, SVOCs, Nonhalogenated Organics, Pests, PCBs, Herbs, Metals
MW-204A	5-5-26	10:56	G	Water					X	X										Natural Attenuation: Nitrate, Sulfate, TOC, Fe, Mn
MW-209B	5-5-26	1332	G	Water					X	X										6020 Metals: As, Ba, Co Cu, Pb, Ni
MW-203A	5-5-26	1357	G	Water					X	X										Short Hold Nitrate (Natural Attenuation)
MW-210B	5-5-26	12:12	G	Water					X	X										
MW-5B	5-5-26	12:35	G	Water					X	X										
MW-7B1	5-5-26	10:07	G	Water					X	X										
MW-202A	5-6-26	8:25	G	Water					X	X										
MW-17A-00	5-6-26	7:53	G	Water					X	X										
MW-214A	5-6-26	7:20	G	Water					X	X										

Possible Hazard Identification
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company: CDC	Received by: Ken Hoover	Date/Time: 5/8/26 1235	Company: Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/8/26 1430	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

5/19/2026

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

Client Information	Sampler: Joel Fuhrmeister	Lab PM: Calhoun, Conner M	Carrier Tracking No(s):	COC No: 310-120130-28018.1
Client Contact: Richard Wilson	Phone: 319-936-5794	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested:			
City: Omaha	TAT Requested (days):			
State, Zip: NE, 68106	Compliance Project: Δ Yes Δ No			
Phone: 402-392-6714(Tel)	PO #: RFP23-14			
Email: richard.wilson2@hdrinc.com	WO #:			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I (Metals + VOC)	Appendix II- Full List	TSS	6020 (Metals List)	9034- Sulfide	8260D Dichlorodifluoromethane	6151 Silvex (2,4,5-TP)	PCB 1221	Total Cyanide	8270- Bis[2-ethylhexyl]phthalate	Natural Attenuation- NITRATE, Sulfate, TOC, Fe, Mn	Total Number of containers	Special Instructions/Note
Preservation Code:																			
MW-215A	5-6-26	9:30	G	Water					X	X									Appendix I. Total Metals, VOCs
MW-31B	5-6-26	9:02	G	Water			X		X										Appendix VOCs, SVOCs, Nonhalogenated Organics, Pests, PCBs, Herbs, Metals
MW-213A	5-6-26	10:38	G	Water				X	X		X				X				Natural Attenuation: Nitrate Sulfate, TOC, Fe, Mn
MW-216A	5-6-26	1359	G	Water			X		X										6020 Metals: As, Ba, Co, Cu, Pb Ni
MW-34A	5-6-26	1309	G	Water			X		X										Short Hold Nitrate (Natural Attenuation)
MW-38A	5-6-26	12:04	G	Water			X		X										
MW-23A	5-6-26	12:35	G	Water					X	X									
				Water															
				Water															
				Water															
				Water															

Preservation Codes:
A HCL
N None
D HNO3
B NaOH
CB ZnAcetate/NaOH
Other:

Possible Hazard Identification
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
		CorC	Ron Hesse	5/6/26 1235	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	5/8/26 1410	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-94126.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): State Iowa; State Program Iowa		Job #: 310-331613-1
Address: 2425 New Holland Pike,	Due Date Requested: 5/18/2026			Preservation Codes:
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8321B_Herb/8321B_W_PrepAppendix II Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-213A (310-331613-14)	5/6/26	10:08 Central	G	Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/12/26 1020	Company ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: R 6.0 / C 5.8

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-94117 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 2
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa; State Program Iowa		Job #: 310-331613-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 5/18/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site: N/A	SSOW#: N/A			

310-331613 COC

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005A Metal list As, Ba, Co, Cu, Pb, Ni	6020B/3005A(MOD) Appendix I Metals by ICP/MS	6020B/3005A Appendix II Metals	7470A/7470A_Prep	9034_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
MW-14B (310-331613-1)	5/5/26	13:00 Central	G	Water			X					1	
MW-8B (310-331613-2)	5/5/26	10:28 Central	G	Water			X					1	
MW-204A (310-331613-3)	5/5/26	10:56 Central	G	Water			X					1	
MW-208B (310-331613-4)	5/5/26	13:32 Central	G	Water			X					1	
MW-203A (310-331613-5)	5/5/26	13:57 Central	G	Water			X					1	
MW-210B (310-331613-6)	5/5/26	12.12 Central	G	Water			X					1	
MW-5B (310-331613-7)	5/5/26	12.35 Central	G	Water			X					1	
MW-7B1 (310-331613-8)	5/5/26	10:07 Central	G	Water			X					1	
MW-202A (310-331613-9)	5/6/26	08:25 Central	G	Water			X					1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/7/26 1150			5/12/26 0850	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-94117 2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 2 of 2
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa; State Program Iowa		Job #: 310-331613-1
Address: 18410 Crossing Drive, Suite E	Due Date Requested: 5/18/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site: N/A	SSOW#: N/A			

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005AMetal list As, Ba, Co, Cu, Pb, Ni	6020B/3005A(MOD) Appendix I Metals by ICP/MS	6020B/3005AAppendix II Metals	7470A/7470A_Prep	9034_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
MW-17A-00 (310-331613-10)	5/6/26	07:53 Central	G	Water			X					1	
MW-214A (310-331613-11)	5/6/26	07:20 Central	G	Water			X					1	
MW-215A (310-331613-12)	5/6/26	09:30 Central	G	Water			X					1	
MW-31B (310-331613-13)	5/6/26	09:02 Central	G	Water				X				1	
MW-213A (310-331613-14)	5/6/26	10:08 Central	G	Water					X	X	X	1	
MW-216A (310-331613-15)	5/6/26	13:59 Central	G	Water				X				1	
MW-34A (310-331613-16)	5/6/26	13:09 Central	G	Water				X				1	
MW-38A (310-331613-17)	5/6/26	12:04 Central	G	Water				X				1	
MW-23A (310-331613-18)	5/6/26	12:35 Central	G	Water			X					1	

Analysis Requested

Preservation Codes.

Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/12/26 1150			5/12/26 0850	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 03/20/2026

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-94289.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa; State Program Iowa		Job #: 310-331613-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 5/18/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site: N/A	SSOW#: N/A			

310-331613 COC

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9034_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-213A (310-331613-14)	5/6/26	10:08 Central	G	Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 5/7/26 1130	Company	Received by:	Date/Time: 5/8/26 0850	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 2.4-2.3

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-331613-1

Login Number: 331613

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Collins, Charlotte G

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-331613-1

Login Number: 331613
List Number: 2
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 05/12/26 10:19 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	Unchilled
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-331613-1

Login Number: 331613
List Number: 4
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 05/15/26 11:52 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-331613-1

Login Number: 331613
List Number: 3
Creator: Trzos, Hazel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 05/12/26 12:42 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Quantitation Limit Exceptions Summary

Client: HDR Inc
Job ID: 310-331613-1
Project/Site: Iowa City Landfill Spring 2026

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260D	1,2-Dibromo-3-Chloropropane	Water	Total/NA	ug/L	1.20	5.0
8260D	1,2-Dibromoethane (EDB)	Water	Total/NA	ug/L	0.340	1.0

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ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106

Generated 5/21/2026 11:14:00 AM

JOB DESCRIPTION

Iowa City Landfill Spring 2026

JOB NUMBER

310-331802-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

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5/21/2026 11:14:00 AM

Authorized for release by
Conner Calhoun, Client Service Manager
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

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Job Narrative
310-331802-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 5/12/2026 3:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.1°C and 1.4°C.

GC/MS VOA
Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container: TB-8 (310-331802-9).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 500-867260 and analytical batch 500-867573 contained Barium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-331802-1	MW-24A	Water	05/08/26 10:36	05/12/26 15:50	Iowa
310-331802-2	MW-220A	Water	05/08/26 09:59	05/12/26 15:50	Iowa
310-331802-3	MW-25A-00	Water	05/08/26 09:32	05/12/26 15:50	Iowa
310-331802-4	MW-219A	Water	05/08/26 09:08	05/12/26 15:50	Iowa
310-331802-5	MW-218A	Water	05/08/26 08:28	05/12/26 15:50	Iowa
310-331802-6	MW-410	Water	05/08/26 08:05	05/12/26 15:50	Iowa
310-331802-7	MW-217A	Water	05/08/26 07:40	05/12/26 15:50	Iowa
310-331802-8	TB-14	Water	05/08/26 00:00	05/12/26 15:50	Iowa
310-331802-9	TB-8	Water	05/08/26 00:00	05/12/26 15:50	Iowa

Detection Summary

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-24A — Lab Sample ID: 310-331802-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0280		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.308	B	0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.00910		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.00144	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Lead	0.000580		0.000500	0.000186	mg/L	1		6020B	Total Recoverable
Nickel	0.0123		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	35.0		15.0	8.40	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-220A — Lab Sample ID: 310-331802-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000247	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.206	B	0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Copper	0.00140	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.00253		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000435		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Zinc	0.205		0.0200	0.00692	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	4.00		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-25A-00 — Lab Sample ID: 310-331802-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000296	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.207	B	0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Copper	0.000617	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.00177	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000715		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable

Client Sample ID: MW-219A — Lab Sample ID: 310-331802-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.651	B	0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Copper	0.000715	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Vanadium	0.000607		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	1.13	J	1.88	1.05	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-218A — Lab Sample ID: 310-331802-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.271	B	0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Vanadium	0.000884		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	2.13		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-410 — Lab Sample ID: 310-331802-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000499	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.0873	B	0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Cobalt	0.000886	J	0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.00144	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.00210		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000231	J	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	4.88		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-217A — Lab Sample ID: 310-331802-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.122	B	0.00250	0.000730	mg/L	1		6020B	Total Recoverable
Chromium	0.00128	J	0.00500	0.00114	mg/L	1		6020B	Total Recoverable
Nickel	0.000955	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000495		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	1.50	J	1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: TB-14 — Lab Sample ID: 310-331802-8

No Detections.

Client Sample ID: TB-8 — Lab Sample ID: 310-331802-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-24A
Lab Sample ID: 310-331802-1

Date Collected: 05/08/26 10:36
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0280		0.00100	0.000232	mg/L		05/19/26 13:09	05/20/26 17:48	1
Barium	0.308	B	0.00250	0.000730	mg/L		05/19/26 13:09	05/20/26 17:48	1
Cobalt	0.00910		0.00100	0.000402	mg/L		05/19/26 13:09	05/20/26 17:48	1
Copper	0.00144	J	0.00200	0.000497	mg/L		05/19/26 13:09	05/20/26 17:48	1
Lead	0.000580		0.000500	0.000186	mg/L		05/19/26 13:09	05/20/26 17:48	1
Nickel	0.0123		0.00200	0.000625	mg/L		05/19/26 13:09	05/20/26 17:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	35.0		15.0	8.40	mg/L			05/13/26 11:02	1

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-220A
Lab Sample ID: 310-331802-2
Date Collected: 05/08/26 09:59
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/15/26 08:17	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/15/26 08:17	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/15/26 08:17	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/15/26 08:17	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/15/26 08:17	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/15/26 08:17	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/15/26 08:17	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/15/26 08:17	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/15/26 08:17	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/15/26 08:17	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/15/26 08:17	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/15/26 08:17	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/15/26 08:17	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/15/26 08:17	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/15/26 08:17	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/15/26 08:17	1
Acetone	<10.0		10.0	3.80	ug/L			05/15/26 08:17	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/15/26 08:17	1
Benzene	<0.500		0.500	0.220	ug/L			05/15/26 08:17	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/15/26 08:17	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/15/26 08:17	1
Bromoform	<5.00		5.00	2.60	ug/L			05/15/26 08:17	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/15/26 08:17	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/15/26 08:17	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/15/26 08:17	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/15/26 08:17	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/15/26 08:17	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/15/26 08:17	1
Chloroform	<3.00		3.00	1.30	ug/L			05/15/26 08:17	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/15/26 08:17	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/15/26 08:17	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/15/26 08:17	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/15/26 08:17	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/15/26 08:17	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/15/26 08:17	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/15/26 08:17	1
Styrene	<1.00		1.00	0.370	ug/L			05/15/26 08:17	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/15/26 08:17	1
Toluene	<1.00		1.00	0.430	ug/L			05/19/26 19:57	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/15/26 08:17	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/15/26 08:17	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/15/26 08:17	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/15/26 08:17	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/15/26 08:17	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/15/26 08:17	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/15/26 08:17	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/15/26 08:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*05/19/26 19:57*	*1*

Client Sample ID: MW-220A
Lab Sample ID: 310-331802-2
Date Collected: 05/08/26 09:59
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*76 - 130*		*05/19/26 19:57*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/19/26 19:57*	*1*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*05/15/26 08:17*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*05/15/26 08:17*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*05/15/26 08:17*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/19/26 13:09	05/20/26 17:51	1
Arsenic	**0.000247**	**J**	0.00100	0.000232	mg/L		05/19/26 13:09	05/20/26 17:51	1
Barium	**0.206**	**B**	0.00250	0.000730	mg/L		05/19/26 13:09	05/20/26 17:51	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/19/26 13:09	05/20/26 17:51	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/19/26 13:09	05/20/26 17:51	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/19/26 13:09	05/20/26 17:51	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/19/26 13:09	05/20/26 17:51	1
Copper	**0.00140**	**J**	0.00200	0.000497	mg/L		05/19/26 13:09	05/20/26 17:51	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/19/26 13:09	05/20/26 17:51	1
Nickel	**0.00253**		0.00200	0.000625	mg/L		05/19/26 13:09	05/20/26 17:51	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/19/26 13:09	05/20/26 17:51	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/19/26 13:09	05/20/26 17:51	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/19/26 13:09	05/20/26 17:51	1
Vanadium	**0.000435**		0.000270	0.0000843	mg/L		05/19/26 13:09	05/20/26 17:51	1
Zinc	**0.205**		0.0200	0.00692	mg/L		05/19/26 13:09	05/20/26 17:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.00**		1.88	1.05	mg/L			05/13/26 11:02	1

Client Sample ID: MW-25A-00
Lab Sample ID: 310-331802-3
Date Collected: 05/08/26 09:32
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/15/26 08:40	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/15/26 08:40	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/15/26 08:40	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/15/26 08:40	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/15/26 08:40	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/15/26 08:40	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/15/26 08:40	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/15/26 08:40	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/15/26 08:40	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/15/26 08:40	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/15/26 08:40	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/15/26 08:40	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/15/26 08:40	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/15/26 08:40	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/15/26 08:40	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/15/26 08:40	1
Acetone	<10.0		10.0	3.80	ug/L			05/15/26 08:40	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/15/26 08:40	1
Benzene	<0.500		0.500	0.220	ug/L			05/15/26 08:40	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/15/26 08:40	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/15/26 08:40	1
Bromoform	<5.00		5.00	2.60	ug/L			05/15/26 08:40	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/15/26 08:40	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/15/26 08:40	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/15/26 08:40	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/15/26 08:40	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/15/26 08:40	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/15/26 08:40	1
Chloroform	<3.00		3.00	1.30	ug/L			05/15/26 08:40	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/15/26 08:40	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/15/26 08:40	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/15/26 08:40	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/15/26 08:40	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/15/26 08:40	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/15/26 08:40	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/15/26 08:40	1
Styrene	<1.00		1.00	0.370	ug/L			05/15/26 08:40	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/15/26 08:40	1
Toluene	<1.00		1.00	0.430	ug/L			05/19/26 20:19	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/15/26 08:40	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/15/26 08:40	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/15/26 08:40	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/15/26 08:40	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/15/26 08:40	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/15/26 08:40	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/15/26 08:40	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/15/26 08:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/19/26 20:19*	*1*

Client Sample ID: MW-25A-00
Lab Sample ID: 310-331802-3
Date Collected: 05/08/26 09:32
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/19/26 20:19*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/19/26 20:19*	*1*
Dibromofluoromethane (Surr)	*110*		*76 - 130*		*05/15/26 08:40*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/15/26 08:40*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/15/26 08:40*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/19/26 13:09	05/20/26 17:54	1
Arsenic	**0.000296**	**J**	0.00100	0.000232	mg/L		05/19/26 13:09	05/20/26 17:54	1
Barium	**0.207**	**B**	0.00250	0.000730	mg/L		05/19/26 13:09	05/20/26 17:54	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/19/26 13:09	05/20/26 17:54	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/19/26 13:09	05/20/26 17:54	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/19/26 13:09	05/20/26 17:54	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/19/26 13:09	05/20/26 17:54	1
Copper	**0.000617**	**J**	0.00200	0.000497	mg/L		05/19/26 13:09	05/20/26 17:54	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/19/26 13:09	05/20/26 17:54	1
Nickel	**0.00177**	**J**	0.00200	0.000625	mg/L		05/19/26 13:09	05/20/26 17:54	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/19/26 13:09	05/20/26 17:54	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/19/26 13:09	05/20/26 17:54	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/19/26 13:09	05/20/26 17:54	1
Vanadium	**0.000715**		0.000270	0.0000843	mg/L		05/19/26 13:09	05/20/26 17:54	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/19/26 13:09	05/20/26 17:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<5.00		5.00	2.80	mg/L			05/13/26 10:27	1

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-219A
Lab Sample ID: 310-331802-4
Date Collected: 05/08/26 09:08
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/15/26 09:03	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/15/26 09:03	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/15/26 09:03	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/15/26 09:03	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/15/26 09:03	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/15/26 09:03	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/15/26 09:03	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/15/26 09:03	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/15/26 09:03	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/15/26 09:03	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/15/26 09:03	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/15/26 09:03	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/15/26 09:03	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/15/26 09:03	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/15/26 09:03	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/15/26 09:03	1
Acetone	<10.0		10.0	3.80	ug/L			05/15/26 09:03	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/15/26 09:03	1
Benzene	<0.500		0.500	0.220	ug/L			05/15/26 09:03	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/15/26 09:03	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/15/26 09:03	1
Bromoform	<5.00		5.00	2.60	ug/L			05/15/26 09:03	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/15/26 09:03	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/15/26 09:03	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/15/26 09:03	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/15/26 09:03	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/15/26 09:03	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/15/26 09:03	1
Chloroform	<3.00		3.00	1.30	ug/L			05/15/26 09:03	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/15/26 09:03	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/15/26 09:03	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/15/26 09:03	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/15/26 09:03	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/15/26 09:03	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/15/26 09:03	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/15/26 09:03	1
Styrene	<1.00		1.00	0.370	ug/L			05/15/26 09:03	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/15/26 09:03	1
Toluene	<1.00		1.00	0.430	ug/L			05/15/26 09:03	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/15/26 09:03	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/15/26 09:03	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/15/26 09:03	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/15/26 09:03	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/15/26 09:03	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/15/26 09:03	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/15/26 09:03	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/15/26 09:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*76 - 130*		*05/15/26 09:03*	*1*

Client Sample ID: MW-219A
Lab Sample ID: 310-331802-4
Date Collected: 05/08/26 09:08
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/15/26 09:03*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*05/15/26 09:03*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/19/26 13:09	05/20/26 17:57	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/19/26 13:09	05/20/26 17:57	1
Barium	**0.651**	**B**	0.00250	0.000730	mg/L		05/19/26 13:09	05/20/26 17:57	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/19/26 13:09	05/20/26 17:57	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/19/26 13:09	05/20/26 17:57	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/19/26 13:09	05/20/26 17:57	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/19/26 13:09	05/20/26 17:57	1
Copper	**0.000715**	**J**	0.00200	0.000497	mg/L		05/19/26 13:09	05/20/26 17:57	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/19/26 13:09	05/20/26 17:57	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/19/26 13:09	05/20/26 17:57	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/19/26 13:09	05/20/26 17:57	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/19/26 13:09	05/20/26 17:57	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/19/26 13:09	05/20/26 17:57	1
Vanadium	**0.000607**		0.000270	0.0000843	mg/L		05/19/26 13:09	05/20/26 17:57	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/19/26 13:09	05/20/26 17:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.13**	**J**	1.88	1.05	mg/L			05/13/26 11:02	1

Client Sample ID: MW-218A
Lab Sample ID: 310-331802-5
Date Collected: 05/08/26 08:28
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/15/26 09:25	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/15/26 09:25	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/15/26 09:25	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/15/26 09:25	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/15/26 09:25	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/15/26 09:25	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/15/26 09:25	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/15/26 09:25	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/15/26 09:25	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/15/26 09:25	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/15/26 09:25	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/15/26 09:25	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/15/26 09:25	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/15/26 09:25	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/15/26 09:25	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/15/26 09:25	1
Acetone	<10.0		10.0	3.80	ug/L			05/15/26 09:25	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/15/26 09:25	1
Benzene	<0.500		0.500	0.220	ug/L			05/15/26 09:25	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/15/26 09:25	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/15/26 09:25	1
Bromoform	<5.00		5.00	2.60	ug/L			05/15/26 09:25	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/15/26 09:25	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/15/26 09:25	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/15/26 09:25	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/15/26 09:25	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/15/26 09:25	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/15/26 09:25	1
Chloroform	<3.00		3.00	1.30	ug/L			05/15/26 09:25	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/15/26 09:25	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/15/26 09:25	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/15/26 09:25	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/15/26 09:25	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/15/26 09:25	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/15/26 09:25	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/15/26 09:25	1
Styrene	<1.00		1.00	0.370	ug/L			05/15/26 09:25	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/15/26 09:25	1
Toluene	<1.00		1.00	0.430	ug/L			05/15/26 09:25	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/15/26 09:25	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/15/26 09:25	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/15/26 09:25	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/15/26 09:25	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/15/26 09:25	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/15/26 09:25	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/15/26 09:25	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/15/26 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*76 - 130*		*05/15/26 09:25*	*1*

Client Sample ID: MW-218A
Lab Sample ID: 310-331802-5
Date Collected: 05/08/26 08:28
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/15/26 09:25*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/15/26 09:25*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/19/26 13:09	05/20/26 17:59	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/19/26 13:09	05/20/26 17:59	1
Barium	**0.271**	**B**	0.00250	0.000730	mg/L		05/19/26 13:09	05/20/26 17:59	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/19/26 13:09	05/20/26 17:59	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/19/26 13:09	05/20/26 17:59	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/19/26 13:09	05/20/26 17:59	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/19/26 13:09	05/20/26 17:59	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/19/26 13:09	05/20/26 17:59	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/19/26 13:09	05/20/26 17:59	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/19/26 13:09	05/20/26 17:59	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/19/26 13:09	05/20/26 17:59	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/19/26 13:09	05/20/26 17:59	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/19/26 13:09	05/20/26 17:59	1
Vanadium	**0.000884**		0.000270	0.0000843	mg/L		05/19/26 13:09	05/20/26 17:59	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/19/26 13:09	05/20/26 17:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**2.13**		1.88	1.05	mg/L			05/13/26 10:27	1

Client Sample ID: MW-410
Lab Sample ID: 310-331802-6
Date Collected: 05/08/26 08:05
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/15/26 09:48	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/15/26 09:48	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/15/26 09:48	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/15/26 09:48	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/15/26 09:48	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/15/26 09:48	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/15/26 09:48	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/15/26 09:48	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/15/26 09:48	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/15/26 09:48	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/15/26 09:48	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/15/26 09:48	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/15/26 09:48	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/15/26 09:48	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/15/26 09:48	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/15/26 09:48	1
Acetone	<10.0		10.0	3.80	ug/L			05/15/26 09:48	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/15/26 09:48	1
Benzene	<0.500		0.500	0.220	ug/L			05/15/26 09:48	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/15/26 09:48	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/15/26 09:48	1
Bromoform	<5.00		5.00	2.60	ug/L			05/15/26 09:48	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/15/26 09:48	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/15/26 09:48	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/15/26 09:48	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/15/26 09:48	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/15/26 09:48	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/15/26 09:48	1
Chloroform	<3.00		3.00	1.30	ug/L			05/15/26 09:48	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/15/26 09:48	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/15/26 09:48	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/15/26 09:48	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/15/26 09:48	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/15/26 09:48	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/15/26 09:48	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/15/26 09:48	1
Styrene	<1.00		1.00	0.370	ug/L			05/15/26 09:48	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/15/26 09:48	1
Toluene	<1.00		1.00	0.430	ug/L			05/15/26 09:48	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/15/26 09:48	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/15/26 09:48	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/15/26 09:48	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/15/26 09:48	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/15/26 09:48	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/15/26 09:48	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/15/26 09:48	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/15/26 09:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*05/15/26 09:48*	*1*

Client Sample ID: MW-410
Lab Sample ID: 310-331802-6
Date Collected: 05/08/26 08:05
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/15/26 09:48*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/15/26 09:48*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/19/26 13:09	05/20/26 18:02	1
Arsenic	**0.000499**	**J**	0.00100	0.000232	mg/L		05/19/26 13:09	05/20/26 18:02	1
Barium	**0.0873**	**B**	0.00250	0.000730	mg/L		05/19/26 13:09	05/20/26 18:02	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/19/26 13:09	05/20/26 18:02	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/19/26 13:09	05/20/26 18:02	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/19/26 13:09	05/20/26 18:02	1
Cobalt	**0.000886**	**J**	0.00100	0.000402	mg/L		05/19/26 13:09	05/20/26 18:02	1
Copper	**0.00144**	**J**	0.00200	0.000497	mg/L		05/19/26 13:09	05/20/26 18:02	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/19/26 13:09	05/20/26 18:02	1
Nickel	**0.00210**		0.00200	0.000625	mg/L		05/19/26 13:09	05/20/26 18:02	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/19/26 13:09	05/20/26 18:02	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/19/26 13:09	05/20/26 18:02	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/19/26 13:09	05/20/26 18:02	1
Vanadium	**0.000231**	**J**	0.000270	0.0000843	mg/L		05/19/26 13:09	05/20/26 18:02	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/19/26 13:09	05/20/26 18:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.88**		1.88	1.05	mg/L			05/13/26 11:02	1

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-217A
Lab Sample ID: 310-331802-7
Date Collected: 05/08/26 07:40
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/15/26 10:10	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/15/26 10:10	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/15/26 10:10	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/15/26 10:10	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/15/26 10:10	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/15/26 10:10	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/15/26 10:10	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/15/26 10:10	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/15/26 10:10	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/15/26 10:10	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/15/26 10:10	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/15/26 10:10	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/15/26 10:10	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/15/26 10:10	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/15/26 10:10	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/15/26 10:10	1
Acetone	<10.0		10.0	3.80	ug/L			05/15/26 10:10	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/15/26 10:10	1
Benzene	<0.500		0.500	0.220	ug/L			05/15/26 10:10	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/15/26 10:10	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/15/26 10:10	1
Bromoform	<5.00		5.00	2.60	ug/L			05/15/26 10:10	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/15/26 10:10	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/15/26 10:10	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/15/26 10:10	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/15/26 10:10	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/15/26 10:10	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/15/26 10:10	1
Chloroform	<3.00		3.00	1.30	ug/L			05/15/26 10:10	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/15/26 10:10	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/15/26 10:10	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/15/26 10:10	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/15/26 10:10	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/15/26 10:10	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/15/26 10:10	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/15/26 10:10	1
Styrene	<1.00		1.00	0.370	ug/L			05/15/26 10:10	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/15/26 10:10	1
Toluene	<1.00		1.00	0.430	ug/L			05/15/26 10:10	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/15/26 10:10	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/15/26 10:10	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/15/26 10:10	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/15/26 10:10	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/15/26 10:10	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/15/26 10:10	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/15/26 10:10	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/15/26 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*76 - 130*		*05/15/26 10:10*	*1*

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-217A
Lab Sample ID: 310-331802-7
Date Collected: 05/08/26 07:40
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*05/15/26 10:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/15/26 10:10*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/19/26 13:09	05/20/26 18:05	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/19/26 13:09	05/20/26 18:05	1
Barium	**0.122**	**B**	0.00250	0.000730	mg/L		05/19/26 13:09	05/20/26 18:05	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/19/26 13:09	05/20/26 18:05	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/19/26 13:09	05/20/26 18:05	1
Chromium	**0.00128**	**J**	0.00500	0.00114	mg/L		05/19/26 13:09	05/20/26 18:05	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/19/26 13:09	05/20/26 18:05	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/19/26 13:09	05/20/26 18:05	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/19/26 13:09	05/20/26 18:05	1
Nickel	**0.000955**	**J**	0.00200	0.000625	mg/L		05/19/26 13:09	05/20/26 18:05	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/19/26 13:09	05/20/26 18:05	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/19/26 13:09	05/20/26 18:05	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/19/26 13:09	05/20/26 18:05	1
Vanadium	**0.000495**		0.000270	0.0000843	mg/L		05/19/26 13:09	05/20/26 18:05	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/19/26 13:09	05/20/26 18:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.50**	**J**	1.88	1.05	mg/L			05/13/26 11:02	1

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: TB-14
Lab Sample ID: 310-331802-8
Date Collected: 05/08/26 00:00
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/15/26 03:46	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/15/26 03:46	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/15/26 03:46	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/15/26 03:46	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/15/26 03:46	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/15/26 03:46	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/15/26 03:46	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/15/26 03:46	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/15/26 03:46	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/15/26 03:46	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/15/26 03:46	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/15/26 03:46	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/15/26 03:46	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/15/26 03:46	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/15/26 03:46	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/15/26 03:46	1
Acetone	<10.0		10.0	3.80	ug/L			05/15/26 03:46	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/15/26 03:46	1
Benzene	<0.500		0.500	0.220	ug/L			05/15/26 03:46	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/15/26 03:46	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/15/26 03:46	1
Bromoform	<5.00		5.00	2.60	ug/L			05/15/26 03:46	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/15/26 03:46	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/15/26 03:46	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/15/26 03:46	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/15/26 03:46	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/15/26 03:46	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/15/26 03:46	1
Chloroform	<3.00		3.00	1.30	ug/L			05/15/26 03:46	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/15/26 03:46	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/15/26 03:46	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/15/26 03:46	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/15/26 03:46	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/15/26 03:46	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/15/26 03:46	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/15/26 03:46	1
Styrene	<1.00		1.00	0.370	ug/L			05/15/26 03:46	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/15/26 03:46	1
Toluene	<1.00		1.00	0.430	ug/L			05/15/26 03:46	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/15/26 03:46	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/15/26 03:46	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/15/26 03:46	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/15/26 03:46	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/15/26 03:46	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/15/26 03:46	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/15/26 03:46	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/15/26 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*76 - 130*		*05/15/26 03:46*	*1*

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: TB-14
Lab Sample ID: 310-331802-8
Date Collected: 05/08/26 00:00
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/15/26 03:46*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*05/15/26 03:46*	*1*

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: TB-8
Lab Sample ID: 310-331802-9
Date Collected: 05/08/26 00:00
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/15/26 04:09	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/15/26 04:09	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/15/26 04:09	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/15/26 04:09	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/15/26 04:09	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/15/26 04:09	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/15/26 04:09	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/15/26 04:09	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/15/26 04:09	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/15/26 04:09	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/15/26 04:09	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/15/26 04:09	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/15/26 04:09	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/15/26 04:09	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/15/26 04:09	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/15/26 04:09	1
Acetone	<10.0		10.0	3.80	ug/L			05/15/26 04:09	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/15/26 04:09	1
Benzene	<0.500		0.500	0.220	ug/L			05/15/26 04:09	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/15/26 04:09	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/15/26 04:09	1
Bromoform	<5.00		5.00	2.60	ug/L			05/15/26 04:09	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/15/26 04:09	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/15/26 04:09	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/15/26 04:09	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/15/26 04:09	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/15/26 04:09	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/15/26 04:09	1
Chloroform	<3.00		3.00	1.30	ug/L			05/15/26 04:09	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/15/26 04:09	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/15/26 04:09	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/15/26 04:09	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/15/26 04:09	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/15/26 04:09	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/15/26 04:09	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/15/26 04:09	1
Styrene	<1.00		1.00	0.370	ug/L			05/15/26 04:09	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/15/26 04:09	1
Toluene	<1.00		1.00	0.430	ug/L			05/15/26 04:09	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/15/26 04:09	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/15/26 04:09	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/15/26 04:09	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/15/26 04:09	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/15/26 04:09	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/15/26 04:09	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/15/26 04:09	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/15/26 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*107*		*76 - 130*		*05/15/26 04:09*	*1*

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: TB-8
Lab Sample ID: 310-331802-9
Date Collected: 05/08/26 00:00
Matrix: Water
Date Received: 05/12/26 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*92*		*80 - 120*		*05/15/26 04:09*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*05/15/26 04:09*	*1*

Definitions/Glossary

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Qualifiers

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DBFM	TOL	BFB
Lab Sample ID	Client Sample ID	(76-130)	(80-120)	(80-120)
310-331802-2	MW-220A	109	92	98
310-331802-2	MW-220A	99	97	96
310-331802-3	MW-25A-00	110	94	99
310-331802-3	MW-25A-00	104	97	95
310-331802-4	MW-219A	109	93	100
310-331802-5	MW-218A	108	93	99
310-331802-6	MW-410	111	93	99
310-331802-7	MW-217A	112	92	99
310-331802-8	TB-14	111	93	104
310-331802-9	TB-8	107	92	100
LCS 310-488946/6	Lab Control Sample	95	97	96
LCS 310-488946/7	Lab Control Sample	113	94	99
LCS 310-489429/6	Lab Control Sample	96	99	93
LCS 310-489429/7	Lab Control Sample	100	99	95
MB 310-488946/5	Method Blank	113	96	101
MB 310-489429/5	Method Blank	100	97	97

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-488946/5
Matrix: Water
Analysis Batch: 488946

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/15/26 02:39	1
Acetone	<10.0		10.0	3.80	ug/L			05/15/26 02:39	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/15/26 02:39	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/15/26 02:39	1
Benzene	<0.500		0.500	0.220	ug/L			05/15/26 02:39	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/15/26 02:39	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/15/26 02:39	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/15/26 02:39	1
Bromoform	<5.00		5.00	2.60	ug/L			05/15/26 02:39	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/15/26 02:39	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/15/26 02:39	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/15/26 02:39	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/15/26 02:39	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/15/26 02:39	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/15/26 02:39	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/15/26 02:39	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/15/26 02:39	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/15/26 02:39	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/15/26 02:39	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/15/26 02:39	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/15/26 02:39	1
Chloroform	<3.00		3.00	1.30	ug/L			05/15/26 02:39	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/15/26 02:39	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/15/26 02:39	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/15/26 02:39	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/15/26 02:39	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/15/26 02:39	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/15/26 02:39	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/15/26 02:39	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/15/26 02:39	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/15/26 02:39	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/15/26 02:39	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/15/26 02:39	1
Styrene	<1.00		1.00	0.370	ug/L			05/15/26 02:39	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/15/26 02:39	1
Toluene	<1.00		1.00	0.430	ug/L			05/15/26 02:39	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/15/26 02:39	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/15/26 02:39	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/15/26 02:39	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/15/26 02:39	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/15/26 02:39	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/15/26 02:39	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/15/26 02:39	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/15/26 02:39	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/15/26 02:39	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/15/26 02:39	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/15/26 02:39	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-488946/5
Matrix: Water
Analysis Batch: 488946

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*113*		*76 - 130*		*05/15/26 02:39*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/15/26 02:39*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*05/15/26 02:39*	*1*

Lab Sample ID: LCS 310-488946/6
Matrix: Water
Analysis Batch: 488946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	40.0	37.38		ug/L		93	60 - 134
Acetone	40.0	42.27		ug/L		106	59 - 136
Acrylonitrile	200	209.2		ug/L		105	50 - 150
1,2-Dibromo-3-Chloropropane	20.0	18.09		ug/L		90	62 - 132
Benzene	20.0	18.89		ug/L		94	71 - 125
1,2-Dibromoethane (EDB)	20.0	18.69		ug/L		93	74 - 122
Bromochloromethane	20.0	17.43		ug/L		87	69 - 131
Bromodichloromethane	20.0	16.59		ug/L		83	70 - 122
Bromoform	20.0	16.78		ug/L		84	62 - 122
1,2-Dichlorobenzene	20.0	16.94		ug/L		85	74 - 120
1,4-Dichlorobenzene	20.0	17.09		ug/L		85	72 - 120
Carbon disulfide	20.0	17.83		ug/L		89	58 - 137
Carbon tetrachloride	20.0	17.12		ug/L		86	63 - 136
1,1-Dichloroethane	20.0	18.62		ug/L		93	69 - 127
Chlorobenzene	20.0	16.95		ug/L		85	74 - 120
1,2-Dichloroethane	20.0	16.79		ug/L		84	68 - 125
Chlorodibromomethane	20.0	17.00		ug/L		85	69 - 121
1,1-Dichloroethene	20.0	17.67		ug/L		88	64 - 134
1,2-Dichloropropane	20.0	18.59		ug/L		93	72 - 128
Chloroform	20.0	18.08		ug/L		90	72 - 122
2-Hexanone	40.0	36.30		ug/L		91	62 - 139
cis-1,2-Dichloroethene	20.0	17.65		ug/L		88	72 - 123
cis-1,3-Dichloropropene	20.0	17.67		ug/L		88	72 - 123
Dibromomethane	20.0	17.56		ug/L		88	72 - 122
4-Methyl-2-pentanone (MIBK)	40.0	36.80		ug/L		92	62 - 136
Ethylbenzene	20.0	17.18		ug/L		86	75 - 120
Iodomethane	20.0	12.60		ug/L		63	18 - 150
1,1,1,2-Tetrachloroethane	20.0	16.92		ug/L		85	70 - 121
Methylene Chloride	20.0	19.31		ug/L		97	72 - 128
1,1,2,2-Tetrachloroethane	20.0	16.63		ug/L		83	70 - 122
Styrene	20.0	17.83		ug/L		89	74 - 122
Tetrachloroethene	20.0	17.46		ug/L		87	70 - 128
Toluene	20.0	18.11		ug/L		91	74 - 120
trans-1,2-Dichloroethene	20.0	17.59		ug/L		88	67 - 127
trans-1,3-Dichloropropene	20.0	17.96		ug/L		90	67 - 123
trans-1,4-Dichloro-2-butene	20.0	18.18		ug/L		91	50 - 150
1,1,1-Trichloroethane	20.0	17.21		ug/L		86	69 - 130
1,1,2-Trichloroethane	20.0	17.52		ug/L		88	75 - 121
Trichloroethene	20.0	17.15		ug/L		86	70 - 128

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-488946/6
Matrix: Water
Analysis Batch: 488946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	20.0	18.07		ug/L		90	70 - 122
Vinyl acetate	40.0	35.80		ug/L		89	50 - 150
Xylenes, Total	40.0	35.30		ug/L		88	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*76 - 130*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*

Lab Sample ID: LCS 310-488946/7
Matrix: Water
Analysis Batch: 488946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	20.10		ug/L		101	33 - 138
Chloroethane	20.0	19.78		ug/L		99	59 - 139
Chloromethane	20.0	24.04		ug/L		120	52 - 146
Trichlorofluoromethane	20.0	18.08		ug/L		90	55 - 150
Vinyl chloride	20.0	19.87		ug/L		99	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*113*		*76 - 130*
Toluene-d8 (Surr)	*94*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 310-489429/5
Matrix: Water
Analysis Batch: 489429

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/19/26 18:51	1
Acetone	<10.0		10.0	3.80	ug/L			05/19/26 18:51	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/19/26 18:51	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/19/26 18:51	1
Benzene	<0.500		0.500	0.220	ug/L			05/19/26 18:51	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/19/26 18:51	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/19/26 18:51	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/19/26 18:51	1
Bromoform	<5.00		5.00	2.60	ug/L			05/19/26 18:51	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/19/26 18:51	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/19/26 18:51	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/19/26 18:51	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/19/26 18:51	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/19/26 18:51	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/19/26 18:51	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/19/26 18:51	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/19/26 18:51	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/19/26 18:51	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-489429/5
Matrix: Water
Analysis Batch: 489429

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/19/26 18:51	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/19/26 18:51	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/19/26 18:51	1
Chloroform	<3.00		3.00	1.30	ug/L			05/19/26 18:51	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/19/26 18:51	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/19/26 18:51	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/19/26 18:51	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/19/26 18:51	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/19/26 18:51	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/19/26 18:51	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/19/26 18:51	1
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/19/26 18:51	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/19/26 18:51	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/19/26 18:51	1
Styrene	<1.00		1.00	0.370	ug/L			05/19/26 18:51	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/19/26 18:51	1
Toluene	<1.00		1.00	0.430	ug/L			05/19/26 18:51	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/19/26 18:51	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/19/26 18:51	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/19/26 18:51	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/19/26 18:51	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/19/26 18:51	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/19/26 18:51	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/19/26 18:51	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/19/26 18:51	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/19/26 18:51	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/19/26 18:51	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/19/26 18:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*76 - 130*		*05/19/26 18:51*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/19/26 18:51*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*05/19/26 18:51*	*1*

Lab Sample ID: LCS 310-489429/6
Matrix: Water
Analysis Batch: 489429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	40.0	39.93		ug/L		100	60 - 134
Acetone	40.0	43.15		ug/L		108	59 - 136
Acrylonitrile	200	222.1		ug/L		111	50 - 150
1,2-Dibromo-3-Chloropropane	20.0	17.88		ug/L		89	62 - 132
Benzene	20.0	21.68		ug/L		108	71 - 125
1,2-Dibromoethane (EDB)	20.0	19.19		ug/L		96	74 - 122
Bromochloromethane	20.0	18.38		ug/L		92	69 - 131
Bromodichloromethane	20.0	19.43		ug/L		97	70 - 122
Bromoform	20.0	16.32		ug/L		82	62 - 122

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-489429/6
Matrix: Water
Analysis Batch: 489429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	20.0	19.05		ug/L		95	74 - 120
1,4-Dichlorobenzene	20.0	19.19		ug/L		96	72 - 120
Carbon disulfide	20.0	22.34		ug/L		112	58 - 137
Carbon tetrachloride	20.0	19.12		ug/L		96	63 - 136
1,1-Dichloroethane	20.0	21.58		ug/L		108	69 - 127
Chlorobenzene	20.0	20.06		ug/L		100	74 - 120
1,2-Dichloroethane	20.0	20.03		ug/L		100	68 - 125
Chlorodibromomethane	20.0	18.63		ug/L		93	69 - 121
1,1-Dichloroethene	20.0	20.50		ug/L		102	64 - 134
1,2-Dichloropropane	20.0	21.70		ug/L		109	72 - 128
Chloroform	20.0	19.27		ug/L		96	72 - 122
2-Hexanone	40.0	37.60		ug/L		94	62 - 139
cis-1,2-Dichloroethene	20.0	20.51		ug/L		103	72 - 123
cis-1,3-Dichloropropene	20.0	20.22		ug/L		101	72 - 123
Dibromomethane	20.0	19.73		ug/L		99	72 - 122
4-Methyl-2-pentanone (MIBK)	40.0	38.13		ug/L		95	62 - 136
Ethylbenzene	20.0	20.31		ug/L		102	75 - 120
Iodomethane	20.0	16.84		ug/L		84	18 - 150
1,1,1,2-Tetrachloroethane	20.0	18.76		ug/L		94	70 - 121
Methylene Chloride	20.0	22.79		ug/L		114	72 - 128
1,1,2,2-Tetrachloroethane	20.0	20.56		ug/L		103	70 - 122
Styrene	20.0	19.64		ug/L		98	74 - 122
Tetrachloroethene	20.0	18.47		ug/L		92	70 - 128
Toluene	20.0	20.85		ug/L		104	74 - 120
trans-1,2-Dichloroethene	20.0	20.52		ug/L		103	67 - 127
trans-1,3-Dichloropropene	20.0	20.06		ug/L		100	67 - 123
trans-1,4-Dichloro-2-butene	20.0	21.54		ug/L		108	50 - 150
1,1,1-Trichloroethane	20.0	19.67		ug/L		98	69 - 130
1,1,2-Trichloroethane	20.0	21.03		ug/L		105	75 - 121
Trichloroethene	20.0	20.34		ug/L		102	70 - 128
1,2,3-Trichloropropane	20.0	20.06		ug/L		100	70 - 122
Vinyl acetate	40.0	40.71		ug/L		102	50 - 150
Xylenes, Total	40.0	38.53		ug/L		96	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*76 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*

Lab Sample ID: LCS 310-489429/7
Matrix: Water
Analysis Batch: 489429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	18.36		ug/L		92	33 - 138
Chloroethane	20.0	20.77		ug/L		104	59 - 139
Trichlorofluoromethane	20.0	19.07		ug/L		95	55 - 150
Vinyl chloride	20.0	22.85		ug/L		114	60 - 142

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-489429/7
Matrix: Water
Analysis Batch: 489429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*100*		*76 - 130*
Toluene-d8 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-867260/1-A
Matrix: Water
Analysis Batch: 867573

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 867260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/19/26 13:09	05/20/26 16:45	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/19/26 13:09	05/20/26 16:45	1
Barium	0.0007750	J	0.00250	0.000730	mg/L		05/19/26 13:09	05/20/26 16:45	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/19/26 13:09	05/20/26 16:45	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/19/26 13:09	05/20/26 16:45	1
Chromium	<0.00500		0.00500	0.00114	mg/L		05/19/26 13:09	05/20/26 16:45	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/19/26 13:09	05/20/26 16:45	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/19/26 13:09	05/20/26 16:45	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/19/26 13:09	05/20/26 16:45	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/19/26 13:09	05/20/26 16:45	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/19/26 13:09	05/20/26 16:45	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/19/26 13:09	05/20/26 16:45	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/19/26 13:09	05/20/26 16:45	1
Vanadium	<0.000270		0.000270	0.0000843	mg/L		05/19/26 13:09	05/20/26 16:45	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/19/26 13:09	05/20/26 16:45	1

Lab Sample ID: LCS 500-867260/2-A
Matrix: Water
Analysis Batch: 867573

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 867260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.5210		mg/L		104	80 - 120
Arsenic	0.100	0.09555		mg/L		96	80 - 120
Barium	0.500	0.4907		mg/L		98	80 - 120
Beryllium	0.0500	0.04791		mg/L		96	80 - 120
Cadmium	0.0500	0.04910		mg/L		98	80 - 120
Chromium	0.200	0.1887		mg/L		94	80 - 120
Cobalt	0.500	0.4969		mg/L		99	80 - 120
Copper	0.250	0.2381		mg/L		95	80 - 120
Lead	0.100	0.09439		mg/L		94	80 - 120
Nickel	0.500	0.4915		mg/L		98	80 - 120
Selenium	0.100	0.09949		mg/L		99	80 - 120
Silver	0.0500	0.05152		mg/L		103	80 - 120
Thallium	0.100	0.09261		mg/L		93	80 - 120
Vanadium	0.500	0.4846		mg/L		97	80 - 120
Zinc	0.500	0.4962		mg/L		99	80 - 120

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-488816/1
Matrix: Water
Analysis Batch: 488816

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/13/26 10:27	1

Lab Sample ID: LCS 310-488816/2
Matrix: Water
Analysis Batch: 488816

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	106.0		mg/L		106	82 - 117		

Lab Sample ID: MB 310-488826/1
Matrix: Water
Analysis Batch: 488826

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/13/26 11:02	1

Lab Sample ID: LCS 310-488826/2
Matrix: Water
Analysis Batch: 488826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	97.00		mg/L		97	82 - 117		

Lab Sample ID: 310-331802-1 DU
Matrix: Water
Analysis Batch: 488826

Client Sample ID: MW-24A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	35.0			35.00		mg/L				0	35

GC/MS VOA

Analysis Batch: 488946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331802-2	MW-220A	Total/NA	Water	8260D	
310-331802-3	MW-25A-00	Total/NA	Water	8260D	
310-331802-4	MW-219A	Total/NA	Water	8260D	
310-331802-5	MW-218A	Total/NA	Water	8260D	
310-331802-6	MW-410	Total/NA	Water	8260D	
310-331802-7	MW-217A	Total/NA	Water	8260D	
310-331802-8	TB-14	Total/NA	Water	8260D	
310-331802-9	TB-8	Total/NA	Water	8260D	
MB 310-488946/5	Method Blank	Total/NA	Water	8260D	
LCS 310-488946/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-488946/7	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 489429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331802-2	MW-220A	Total/NA	Water	8260D	
310-331802-3	MW-25A-00	Total/NA	Water	8260D	
MB 310-489429/5	Method Blank	Total/NA	Water	8260D	
LCS 310-489429/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-489429/7	Lab Control Sample	Total/NA	Water	8260D	

Metals

Prep Batch: 867260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331802-1	MW-24A	Total Recoverable	Water	3005A	
310-331802-2	MW-220A	Total Recoverable	Water	3005A	
310-331802-3	MW-25A-00	Total Recoverable	Water	3005A	
310-331802-4	MW-219A	Total Recoverable	Water	3005A	
310-331802-5	MW-218A	Total Recoverable	Water	3005A	
310-331802-6	MW-410	Total Recoverable	Water	3005A	
310-331802-7	MW-217A	Total Recoverable	Water	3005A	
MB 500-867260/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-867260/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 867573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331802-1	MW-24A	Total Recoverable	Water	6020B	867260
310-331802-2	MW-220A	Total Recoverable	Water	6020B	867260
310-331802-3	MW-25A-00	Total Recoverable	Water	6020B	867260
310-331802-4	MW-219A	Total Recoverable	Water	6020B	867260
310-331802-5	MW-218A	Total Recoverable	Water	6020B	867260
310-331802-6	MW-410	Total Recoverable	Water	6020B	867260
310-331802-7	MW-217A	Total Recoverable	Water	6020B	867260
MB 500-867260/1-A	Method Blank	Total Recoverable	Water	6020B	867260
LCS 500-867260/2-A	Lab Control Sample	Total Recoverable	Water	6020B	867260

General Chemistry

Analysis Batch: 488816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331802-3	MW-25A-00	Total/NA	Water	I-3765-85	
310-331802-5	MW-218A	Total/NA	Water	I-3765-85	

General Chemistry (Continued)

Analysis Batch: 488816 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 310-488816/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-488816/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 488826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-331802-1	MW-24A	Total/NA	Water	I-3765-85	
310-331802-2	MW-220A	Total/NA	Water	I-3765-85	
310-331802-4	MW-219A	Total/NA	Water	I-3765-85	
310-331802-6	MW-410	Total/NA	Water	I-3765-85	
310-331802-7	MW-217A	Total/NA	Water	I-3765-85	
MB 310-488826/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-488826/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-331802-1 DU	MW-24A	Total/NA	Water	I-3765-85	

Lab Chronicle

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-24A
Lab Sample ID: 310-331802-1
Date Collected: 05/08/26 10:36
Matrix: Water
Date Received: 05/12/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			867260	MS	EET CHI	05/19/26 13:09 - 05/19/26 19:09 [1]
Total Recoverable	Analysis	6020B		1	867573	S1Z	EET CHI	05/20/26 17:48
Total/NA	Analysis	I-3765-85		1	488826	DGU1	EET CF	05/13/26 11:02

Client Sample ID: MW-220A
Lab Sample ID: 310-331802-2
Date Collected: 05/08/26 09:59
Matrix: Water
Date Received: 05/12/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489429	WSE8	EET CF	05/19/26 19:57
Total/NA	Analysis	8260D		1	488946	WSE8	EET CF	05/15/26 08:17
Total Recoverable	Prep	3005A			867260	MS	EET CHI	05/19/26 13:09 - 05/19/26 19:09 [1]
Total Recoverable	Analysis	6020B		1	867573	S1Z	EET CHI	05/20/26 17:51
Total/NA	Analysis	I-3765-85		1	488826	DGU1	EET CF	05/13/26 11:02

Client Sample ID: MW-25A-00
Lab Sample ID: 310-331802-3
Date Collected: 05/08/26 09:32
Matrix: Water
Date Received: 05/12/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489429	WSE8	EET CF	05/19/26 20:19
Total/NA	Analysis	8260D		1	488946	WSE8	EET CF	05/15/26 08:40
Total Recoverable	Prep	3005A			867260	MS	EET CHI	05/19/26 13:09 - 05/19/26 19:09 [1]
Total Recoverable	Analysis	6020B		1	867573	S1Z	EET CHI	05/20/26 17:54
Total/NA	Analysis	I-3765-85		1	488816	DGU1	EET CF	05/13/26 10:27

Client Sample ID: MW-219A
Lab Sample ID: 310-331802-4
Date Collected: 05/08/26 09:08
Matrix: Water
Date Received: 05/12/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488946	WSE8	EET CF	05/15/26 09:03
Total Recoverable	Prep	3005A			867260	MS	EET CHI	05/19/26 13:09 - 05/19/26 19:09 [1]
Total Recoverable	Analysis	6020B		1	867573	S1Z	EET CHI	05/20/26 17:57
Total/NA	Analysis	I-3765-85		1	488826	DGU1	EET CF	05/13/26 11:02

Client Sample ID: MW-218A
Lab Sample ID: 310-331802-5
Date Collected: 05/08/26 08:28
Matrix: Water
Date Received: 05/12/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488946	WSE8	EET CF	05/15/26 09:25
Total Recoverable	Prep	3005A			867260	MS	EET CHI	05/19/26 13:09 - 05/19/26 19:09 [1]
Total Recoverable	Analysis	6020B		1	867573	S1Z	EET CHI	05/20/26 17:59
Total/NA	Analysis	I-3765-85		1	488816	DGU1	EET CF	05/13/26 10:27

Lab Chronicle

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-410
Lab Sample ID: 310-331802-6
Date Collected: 05/08/26 08:05
Matrix: Water
Date Received: 05/12/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488946	WSE8	EET CF	05/15/26 09:48
Total Recoverable	Prep	3005A			867260	MS	EET CHI	05/19/26 13:09 - 05/19/26 19:09 [1]
Total Recoverable	Analysis	6020B		1	867573	S1Z	EET CHI	05/20/26 18:02
Total/NA	Analysis	I-3765-85		1	488826	DGU1	EET CF	05/13/26 11:02

Client Sample ID: MW-217A
Lab Sample ID: 310-331802-7
Date Collected: 05/08/26 07:40
Matrix: Water
Date Received: 05/12/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488946	WSE8	EET CF	05/15/26 10:10
Total Recoverable	Prep	3005A			867260	MS	EET CHI	05/19/26 13:09 - 05/19/26 19:09 [1]
Total Recoverable	Analysis	6020B		1	867573	S1Z	EET CHI	05/20/26 18:05
Total/NA	Analysis	I-3765-85		1	488826	DGU1	EET CF	05/13/26 11:02

Client Sample ID: TB-14
Lab Sample ID: 310-331802-8
Date Collected: 05/08/26 00:00
Matrix: Water
Date Received: 05/12/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488946	WSE8	EET CF	05/15/26 03:46

Client Sample ID: TB-8
Lab Sample ID: 310-331802-9
Date Collected: 05/08/26 00:00
Matrix: Water
Date Received: 05/12/26 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	488946	WSE8	EET CF	05/15/26 04:09

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-27

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-28

Method Summary

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CHI
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

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310-331802 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY Omaha STATE NE Project:

Receipt Information

Date/Time Received: DATE 05/12/26 TIME 1550 Received By: ES

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☒ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID.

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 1 of 2

Cooler Custody Seals Present? ☐ Yes ☒ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

TB-14: MW-219A, MW-410, MW-218A

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: AA Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.1 Corrected Temp (°C): 1.1

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

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Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY Omaha STATE NE Project:

Receipt Information

Date/Time Received: DATE 05/12/26 TIME 1550 Received By: ES

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID.

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 2 of 2

Cooler Custody Seals Present? ☐ Yes ☑ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☑ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☑ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

TB-8: MW-25A-00, MW-217A, MW-220A

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: AA Correction Factor (°C): 0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 1.4 Corrected Temp (°C): 1.4

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

Client Information	Sampler: Joel Fuhrmeister	Lab PM: Calhoun Conner M	Carrier Tracking No(s):	COC No: 310-120130-28018.1
Client Contact: Richard Wilson	Phone: 319-936-5194	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested:			
City: Omaha	TAT Requested (days):			
State, Zip: NE, 68106	Compliance Project: ∆ Yes ∆ No			
Phone: 402-392-6714(Tel)	PO #: RFP23-14			
Email: richard.wilson2@hdrinc.com	WO #:			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL
N None
D HNO3
B NaOH
CB ZnAcetate/NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I (Metals + VOC)	Appendix II- Full List	TSS	6020 (Metals List)	9034- Sulfide	8260D Dichlorodifluoromethane	8151 Silvex (2,4,5-TP)	PCB 1221	Total Cyanide	8270- Bis(2-ethylhexyl)phthalate	Natural Attenuation- NITRATE Sulfate, TOC, Fe, Mn	Total Number of containers	Special Instructions/Note
			Preservation Code:																
MW-24A	5-8-26	10:36	G	Water					X	X									Appendix I. Total Metals, VOCs
MW-220A	5-8-26	9:59	G	Water			X		X										Appendix I VOCs, SVOCs, Nonhalogenated Organics, Pests, PCBs, Herbs, Metals
MW-25A-00	5-8-26	9:32	G	Water			X		X										Natural Attenuation, Nitrate, Sulfate, TOC, Fe, Mn
MW-219A	5-8-26	9:08	G	Water			X		X										6020 Metals: As, Ba, Co, Cu, Pb Ni
MW-218A	5-8-26	8:28	G	Water			X		X										Short Hold Nitrate (Natural Attenuation)
MW-410	5-8-26	8:05	G	Water			X		X										
MW-217A	5-8-26	7:40	G	Water			X		X										
				Water															
				Water															
				Water															
				Water															

Possible Hazard Identification
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological
Deliverable Requested I II, III IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client Disposal By Lab Archive For Months
Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
		CDC		5/12/26 10:35	TTS Eurofins
Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
				05/12/26 1550	EET
Relinquished by	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) oC and Other Remarks:

Ver: 05/06/2024

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-94219.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa; State Program Iowa		Job #: 310-331802-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 5/20/2026			Preservation Codes:
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site: N/A	SSOW#: N/A			Other: N/A

310-331802 COC

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005A Metal list As, Ba, Co, Cu, Pb, Ni	6020B/3005A(MOD) Appendix I Metals by ICP/MS	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW-24A (310-331802-1)	5/8/26	10:36 Central	G	Water			X		1	
MW-220A (310-331802-2)	5/8/26	09:59 Central	G	Water				X	1	
MW-25A-00 (310-331802-3)	5/8/26	09:32 Central	G	Water				X	1	
MW-219A (310-331802-4)	5/8/26	09:08 Central	G	Water				X	1	
MW-218A (310-331802-5)	5/8/26	08:28 Central	G	Water				X	1	
MW-410 (310-331802-6)	5/8/26	08:05 Central	G	Water				X	1	
MW-217A (310-331802-7)	5/8/26	07:40 Central	G	Water				X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II III IV Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	5/13/26 1200		Received by:	5/14/26 0900	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Unchilled

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-331802-1
SDG Number:

Login Number: 331802
List Number: 1
Creator: Homolar, Dana J

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-331802-1
SDG Number:

Login Number: 331802
List Number: 2
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 05/14/26 03:18 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	Unchilled
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Quantitation Limit Exceptions Summary

Client: HDR Inc
Job ID: 310-331802-1
Project/Site: Iowa City Landfill Spring 2026

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260D	1,2-Dibromo-3-Chloropropane	Water	Total/NA	ug/L	1.20	5.0
8260D	1,2-Dibromoethane (EDB)	Water	Total/NA	ug/L	0.340	1.0

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ANALYTICAL REPORT

PREPARED FOR

Attn: Richard Wilson
HDR Inc
1917 S 67th Street
Omaha, Nebraska 68106

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JOB DESCRIPTION

Iowa City Landfill Spring 2026

JOB NUMBER

310-332023-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

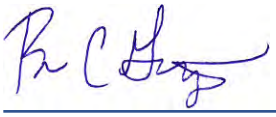
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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5/26/2026 4:03:33 PM

Authorized for release by
Brian Graettinger, Business Unit Manager
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Designee for
Conner Calhoun, Client Service Manager
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Job Narrative
310-332023-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 5/14/2026 8:02 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.9°C, 2.8°C and 2.9°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 310-489234 recovered above the upper control limit for 1,2,3-Trichloropropane (34%D), Carbon tetrachloride (23%D), Dibromomethane (25%D), Bromochloromethane (35%D), Bromodichloromethane (23%D), Chlorodibromomethane (36%D), Methylene Chloride (25%D), 1,2-Dibromoethane (EDB) (31%D), Bromoform (38%D), 1,2-Dibromo-3-Chloropropane (26%D) and 1,1,1,2-Tetrachloroethane (29%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-489234/3).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-489234 recovered above the upper control limit for cis-1,2-Dichloroethene (22%D), 1,1-Dichloroethene (23%D), 1,1,1-Trichloroethane (23%D) and Methyl tert-butyl ether (23%D). The LCS associated with this CCV passes CCV criteria for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-489234/3).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-489162 recovered above the upper control limit for Dichlorodifluoromethane (46%D). The LCS associated with this CCV passes CCV criteria for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-489162/4).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-489162 recovered above the upper control limit for Vinyl chloride (55%D), Chloroethane (41%D), Chloromethane (69%D) and Bromomethane (30%D). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 310-489162/4).

Method 8260D: The laboratory control sample (LCS) for analytical batch 310-489162 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Herbicides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The continuing calibration blank (ccb) for analytical batch 500-867904 contained Manganese greater than the reporting limit (RL), and were not reanalyzed because associated sample results were greater than 10X the blank. The data have been qualified and reported.

Method 6020B - Total Recoverable: The method blank for preparation batch 500-867768 and analytical batch 500-867904

contained Manganese above the reporting limit (RL). Associated samples were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 6020B - Total Recoverable: The method blank for preparation batch 500-867768 contained Zinc above the reporting limit (RL). Qualifying samples associated with this method blank did not contain the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: The reference method requires samples to be preserved to a pH of <2. The following sample was received with insufficient preservation at a pH of >2: MW-209B (310-332023-11). The sample was preserved to the appropriate pH in the laboratory.

Method 6020B - Total Recoverable: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-6B (310-332023-5), MW-211B (310-332023-6), MW-212A (310-332023-10) and MW-209B (310-332023-11). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The method blank for preparation batch 500-867768 contained Zinc above the reporting limit (RL). The samples associated with this method blank did not contain the target compound above the reporting limit; therefore, re-extraction and/or re-analysis of samples were not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 310-332023-2 Eurofins Cedar Falls

Job Narrative
310-332023-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 5/14/2026 8:02 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.9°C, 2.8°C and 2.9°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-332023-1	MW-207A	Water	05/12/26 12:13	05/14/26 08:02	Iowa
310-332023-2	MW-18AR	Water	05/12/26 12:41	05/14/26 08:02	Iowa
310-332023-3	MW-206A	Water	05/12/26 10:17	05/14/26 08:02	Iowa
310-332023-4	Dup-2	Water	05/12/26 08:22	05/14/26 08:02	Iowa
310-332023-5	MW-6B	Water	05/12/26 09:15	05/14/26 08:02	Iowa
310-332023-6	MW-211B	Water	05/12/26 08:22	05/14/26 08:02	Iowa
310-332023-7	MW-16A	Water	05/12/26 09:13	05/14/26 08:02	Iowa
310-332023-8	Dup-1	Water	05/12/26 07:36	05/14/26 08:02	Iowa
310-332023-9	MW-18A-07	Water	05/12/26 07:36	05/14/26 08:02	Iowa
310-332023-10	MW-212A	Water	05/12/26 13:30	05/14/26 08:02	Iowa
310-332023-11	MW-209B	Water	05/12/26 14:01	05/14/26 08:02	Iowa
310-332023-12	MW-1A	Water	05/12/26 14:41	05/14/26 08:02	Iowa
310-332023-13	MW-2A-97	Water	05/12/26 15:05	05/14/26 08:02	Iowa
310-332023-14	Trip Blank	Water	05/12/26 00:00	05/14/26 08:02	Iowa
310-332023-15	Trip Blank	Water	05/12/26 00:00	05/14/26 08:02	Iowa
310-332023-16	Trip Blank	Water	05/12/26 00:00	05/14/26 08:02	Iowa

Detection Summary

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Client Sample ID: MW-207A — Lab Sample ID: 310-332023-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	45.2		1.00	0.420	mg/L	1		9056A	Total/NA
Arsenic	0.0489		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.431		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Cobalt	0.000728	J	0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Iron	29000		100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	1380	B ^2	2.50	0.791	ug/L	1		6020B	Total Recoverable
Nickel	0.00163	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000643		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Zinc	0.0116	J B	0.0200	0.00692	mg/L	1		6020B	Total Recoverable
Total Organic Carbon	10.5		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	66.0		15.0	8.40	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-18AR — Lab Sample ID: 310-332023-2

No Detections.

Client Sample ID: MW-206A — Lab Sample ID: 310-332023-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	10.0		1.00	0.400	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.952	J	1.00	0.550	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.35		1.00	0.480	ug/L	1		8260D	Total/NA
Trichloroethene	1.39		1.00	0.350	ug/L	1		8260D	Total/NA
Nitrate as N	1.01		0.200	0.0510	mg/L	1		9056A	Total/NA
Sulfate	76.1		1.00	0.420	mg/L	1		9056A	Total/NA
Arsenic	0.000269	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.120		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Copper	0.000759	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Iron	54.7	J	100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	2.03	J	2.50	0.791	ug/L	1		6020B	Total Recoverable
Nickel	0.000648	J	0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Selenium	0.00223	J	0.00250	0.000982	mg/L	1		6020B	Total Recoverable
Vanadium	0.000218	J	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Organic Carbon	2.52		1.00	0.500	mg/L	1		9060A	Total/NA

Client Sample ID: Dup-2 — Lab Sample ID: 310-332023-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0286		0.00100	0.000232	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Client Sample ID: Dup-2 (Continued)

Lab Sample ID: 310-332023-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.558		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Cobalt	0.0481		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.000535	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Nickel	0.0386		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000714		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Zinc	0.00818	J B	0.0200	0.00692	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	52.0		15.0	8.40	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-6B

Lab Sample ID: 310-332023-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	271		5.00	2.10	mg/L	5		9056A	Total/NA
Arsenic	0.0218		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.442		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Cobalt	0.00289		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Iron	33900		100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	5750	B ^2	12.5	3.96	ug/L	5		6020B	Total Recoverable
Nickel	0.00288		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.00107		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Organic Carbon	13.2		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	81.0		15.0	8.40	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-211B

Lab Sample ID: 310-332023-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	14.6		1.00	0.420	mg/L	1		9056A	Total/NA
Arsenic	0.0287		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.564		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Cobalt	0.0488		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Iron	38400		100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	10000	B ^2	12.5	3.96	ug/L	5		6020B	Total Recoverable
Nickel	0.0394		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000767		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Zinc	0.00734	J	0.0200	0.00692	mg/L	1		6020B	Total Recoverable
Total Organic Carbon	6.16		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	54.0		15.0	8.40	mg/L	1		I-3765-85	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Client Sample ID: MW-16A — Lab Sample ID: 310-332023-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.85		1.00	0.400	ug/L	1		8260D	Total/NA
1,2-Dichloropropane	2.04		1.00	0.380	ug/L	1		8260D	Total/NA
Benzene	0.402	J	0.500	0.220	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	9.78		1.00	0.550	ug/L	1		8260D	Total/NA
Tetrachloroethene	2.29		1.00	0.480	ug/L	1		8260D	Total/NA
Trichloroethene	1.40		1.00	0.350	ug/L	1		8260D	Total/NA
Trichlorofluoromethane	2.01	J	4.00	0.470	ug/L	1		8260D	Total/NA
Vinyl chloride	1.77		1.00	0.430	ug/L	1		8260D	Total/NA
Nitrate as N	0.400		0.200	0.0510	mg/L	1		9056A	Total/NA
Sulfate	20.5		1.00	0.420	mg/L	1		9056A	Total/NA
Silvex (2,4,5-TP)	0.0648	J	0.100	0.0300	ug/L	1		8321B	Total/NA
Arsenic	0.000259	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.419		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Cadmium	0.000200	J	0.000500	0.000167	mg/L	1		6020B	Total Recoverable
Cobalt	0.000881	J	0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.000648	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Iron	64.3	J	100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	153	B ^2	2.50	0.791	ug/L	1		6020B	Total Recoverable
Nickel	0.00364		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000670		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Organic Carbon	1.78		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	1.75	J	1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: Dup-1 — Lab Sample ID: 310-332023-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	285		1.00	0.400	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	1.11	J	2.00	0.460	ug/L	1		8260D	Total/NA
1,2-Dichloropropane	0.756	J	1.00	0.380	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	10.4		10.0	3.40	ug/L	1		8260D	Total/NA
Benzene	2.02		0.500	0.220	ug/L	1		8260D	Total/NA
Chloroethane	6.45		4.00	0.900	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	185		1.00	0.550	ug/L	1		8260D	Total/NA
Tetrachloroethene	21.4		1.00	0.480	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.17		1.00	0.410	ug/L	1		8260D	Total/NA
Trichloroethene	21.9		1.00	0.350	ug/L	1		8260D	Total/NA
Trichlorofluoromethane	1.06	J	4.00	0.470	ug/L	1		8260D	Total/NA
Vinyl chloride	8.97		1.00	0.430	ug/L	1		8260D	Total/NA
Arsenic	0.00102		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.686		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Cobalt	0.00118		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.000933	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: Dup-1 (Continued)

Lab Sample ID: 310-332023-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.00300		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000215	J	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	2.25		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-18A-07

Lab Sample ID: 310-332023-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	297		1.00	0.400	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	1.33	J	2.00	0.460	ug/L	1		8260D	Total/NA
Benzene	1.94		0.500	0.220	ug/L	1		8260D	Total/NA
Chloroethane	7.02		4.00	0.900	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	193		1.00	0.550	ug/L	1		8260D	Total/NA
Tetrachloroethene	23.2		1.00	0.480	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.944	J	1.00	0.410	ug/L	1		8260D	Total/NA
Trichloroethene	23.3		1.00	0.350	ug/L	1		8260D	Total/NA
Trichlorofluoromethane	1.16	J	4.00	0.470	ug/L	1		8260D	Total/NA
Vinyl chloride	9.42		1.00	0.430	ug/L	1		8260D	Total/NA
Sulfate	119		5.00	2.10	mg/L	5		9056A	Total/NA
Arsenic	0.000944	J	0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.672		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Cobalt	0.00117		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.00111	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Iron	235		100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	57.5	B	2.50	0.791	ug/L	1		6020B	Total Recoverable
Nickel	0.00319		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000213	J	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Organic Carbon	3.25		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	2.38		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-212A

Lab Sample ID: 310-332023-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	731		100	42.0	mg/L	100		9056A	Total/NA
Arsenic	0.00196		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.116		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Copper	0.00216		0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Iron	16400		100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	7640	B	12.5	3.96	ug/L	5		6020B	Total Recoverable
Vanadium	0.00186		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Organic Carbon	7.99		1.00	0.500	mg/L	1		9060A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-212A (Continued) — Lab Sample ID: 310-332023-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	41.0		15.0	8.40	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-209B — Lab Sample ID: 310-332023-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.97	J	10.0	3.80	ug/L	1		8260D	Total/NA
Benzene	11.5		0.500	0.220	ug/L	1		8260D	Total/NA
Chlorobenzene	0.726	J	1.00	0.350	ug/L	1		8260D	Total/NA
Xylenes, Total	5.20		3.00	1.10	ug/L	1		8260D	Total/NA
Nitrate as N	0.220		0.200	0.0510	mg/L	1		9056A	Total/NA
Silvex (2,4,5-TP)	1.39		0.100	0.0300	ug/L	1		8321B	Total/NA
Arsenic	0.0329		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.804		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Cobalt	0.00202		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Iron	63300		100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	5540	B	12.5	3.96	ug/L	5		6020B	Total Recoverable
Nickel	0.0741		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Selenium	0.00102	J	0.00250	0.000982	mg/L	1		6020B	Total Recoverable
Vanadium	0.00241		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	157		15.0	8.40	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-1A — Lab Sample ID: 310-332023-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	192		5.00	2.10	mg/L	5		9056A	Total/NA
Arsenic	0.0260		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.181		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Cobalt	0.0102		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.000877	J	0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Iron	24400		100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	3440	B	2.50	0.791	ug/L	1		6020B	Total Recoverable
Nickel	0.00828		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000877		0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Suspended Solids	76.5		7.50	4.20	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-2A-97 — Lab Sample ID: 310-332023-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.175	J	0.200	0.0510	mg/L	1		9056A	Total/NA
Sulfate	154		5.00	2.10	mg/L	5		9056A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-2A-97 (Continued) — Lab Sample ID: 310-332023-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00278		0.00100	0.000232	mg/L	1		6020B	Total Recoverable
Barium	0.191		0.00250	0.00139	mg/L	1		6020B	Total Recoverable
Cobalt	0.00680		0.00100	0.000402	mg/L	1		6020B	Total Recoverable
Copper	0.00245		0.00200	0.000497	mg/L	1		6020B	Total Recoverable
Iron	1850		100	46.7	ug/L	1		6020B	Total Recoverable
Manganese	4940	B	2.50	0.791	ug/L	1		6020B	Total Recoverable
Nickel	0.0117		0.00200	0.000625	mg/L	1		6020B	Total Recoverable
Vanadium	0.000149	J	0.000270	0.0000843	mg/L	1		6020B	Total Recoverable
Total Organic Carbon	7.26		1.00	0.500	mg/L	1		9060A	Total/NA
Total Suspended Solids	5.00		1.88	1.05	mg/L	1		I-3765-85	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 310-332023-14

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 310-332023-15

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 310-332023-16

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-207A
Lab Sample ID: 310-332023-1

Date Collected: 05/12/26 12:13
Matrix: Water

Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 11:43	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 11:43	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 11:43	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 11:43	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 11:43	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 11:43	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 11:43	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 11:43	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 11:43	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 11:43	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 11:43	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 11:43	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 11:43	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 11:43	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 11:43	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 11:43	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 11:43	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 11:43	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 11:43	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 11:43	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 11:43	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 11:43	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 11:43	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 11:43	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 11:43	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 11:43	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 11:43	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 11:43	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 11:43	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 11:43	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 11:43	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 11:43	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 11:43	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 11:43	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 11:43	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 11:43	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 11:43	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 11:43	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 11:43	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 11:43	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 11:43	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 11:43	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 11:43	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 11:43	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 11:43	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 11:43	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*76 - 130*		*05/16/26 11:43*	*1*

Client Sample ID: MW-207A

Date Collected: 05/12/26 12:13
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/16/26 11:43*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/16/26 11:43*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.200		0.200	0.0510	mg/L			05/14/26 07:57	1
Sulfate	**45.2**		1.00	0.420	mg/L			05/14/26 07:57	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 18:25	1
Arsenic	**0.0489**		0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 18:25	1
Barium	**0.431**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 18:25	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 18:25	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 18:25	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 18:25	1
Cobalt	**0.000728**	**J**	0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 18:25	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 18:25	1
Iron	**29000**		100	46.7	ug/L		05/22/26 07:42	05/22/26 18:25	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 18:25	1
Manganese	**1380**	**B ^2**	2.50	0.791	ug/L		05/22/26 07:42	05/22/26 18:25	1
Nickel	**0.00163**	**J**	0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 18:25	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 18:25	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 18:25	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 18:25	1
Vanadium	**0.000643**		0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 18:25	1
Zinc	**0.0116**	**J B**	0.0200	0.00692	mg/L		05/22/26 07:42	05/22/26 18:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**10.5**		1.00	0.500	mg/L			05/21/26 03:36	1
Total Suspended Solids (USGS I-3765-85)	**66.0**		15.0	8.40	mg/L			05/15/26 10:50	1

Client Sample Results

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-18AR
Lab Sample ID: 310-332023-2
Date Collected: 05/12/26 12:41
Matrix: Water
Date Received: 05/14/26 08:02

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.00		1.00	0.231	mg/L			05/18/26 09:19	1

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Client Sample ID: MW-206A

Date Collected: 05/12/26 10:17
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 12:06	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 12:06	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 12:06	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 12:06	1
1,1-Dichloroethane	**10.0**		1.00	0.400	ug/L			05/16/26 12:06	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 12:06	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 12:06	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 12:06	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 12:06	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 12:06	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 12:06	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 12:06	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 12:06	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 12:06	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 12:06	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 12:06	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 12:06	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 12:06	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 12:06	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 12:06	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 12:06	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 12:06	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 12:06	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 12:06	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 12:06	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 12:06	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 12:06	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 12:06	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 12:06	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 12:06	1
cis-1,2-Dichloroethene	**0.952**	**J**	1.00	0.550	ug/L			05/16/26 12:06	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 12:06	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 12:06	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 12:06	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 12:06	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 12:06	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 12:06	1
Tetrachloroethene	**1.35**		1.00	0.480	ug/L			05/16/26 12:06	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 12:06	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 12:06	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 12:06	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 12:06	1
Trichloroethene	**1.39**		1.00	0.350	ug/L			05/16/26 12:06	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 12:06	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 12:06	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 12:06	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*76 - 130*		*05/16/26 12:06*	*1*

Client Sample ID: MW-206A

Date Collected: 05/12/26 10:17
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/16/26 12:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/16/26 12:06*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.01**		0.200	0.0510	mg/L			05/14/26 07:44	1
Sulfate	**76.1**		1.00	0.420	mg/L			05/14/26 07:44	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 18:27	1
Arsenic	**0.000269**	**J**	0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 18:27	1
Barium	**0.120**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 18:27	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 18:27	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 18:27	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 18:27	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 18:27	1
Copper	**0.000759**	**J**	0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 18:27	1
Iron	**54.7**	**J**	100	46.7	ug/L		05/22/26 07:42	05/22/26 18:27	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 18:27	1
Manganese	**2.03**	**J**	2.50	0.791	ug/L		05/22/26 07:42	05/23/26 18:30	1
Nickel	**0.000648**	**J**	0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 18:27	1
Selenium	**0.00223**	**J**	0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 18:27	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 18:27	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 18:27	1
Vanadium	**0.000218**	**J**	0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 18:27	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/22/26 07:42	05/22/26 18:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**2.52**		1.00	0.500	mg/L			05/21/26 05:24	1
Total Suspended Solids (USGS I-3765-85)	<1.88		1.88	1.05	mg/L			05/15/26 10:50	1

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Client Sample ID: Dup-2
Date Collected: 05/12/26 08:22
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 12:29	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 12:29	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 12:29	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 12:29	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 12:29	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 12:29	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 12:29	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 12:29	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 12:29	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 12:29	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 12:29	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 12:29	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 12:29	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 12:29	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 12:29	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 12:29	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 12:29	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 12:29	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 12:29	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 12:29	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 12:29	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 12:29	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 12:29	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 12:29	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 12:29	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 12:29	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 12:29	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 12:29	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 12:29	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 12:29	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 12:29	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 12:29	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 12:29	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 12:29	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 12:29	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 12:29	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 12:29	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 12:29	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 12:29	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 12:29	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 12:29	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 12:29	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 12:29	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 12:29	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 12:29	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 12:29	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*76 - 130*		*05/16/26 12:29*	*1*

Client Sample ID: Dup-2
Lab Sample ID: 310-332023-4
Date Collected: 05/12/26 08:22
Matrix: Water
Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*80 - 120*		*05/16/26 12:29*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*05/16/26 12:29*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 18:30	1
Arsenic	**0.0286**		0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 18:30	1
Barium	**0.558**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 18:30	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 18:30	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 18:30	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 18:30	1
Cobalt	**0.0481**		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 18:30	1
Copper	**0.000535**	**J**	0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 18:30	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 18:30	1
Nickel	**0.0386**		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 18:30	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 18:30	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 18:30	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 18:30	1
Vanadium	**0.000714**		0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 18:30	1
Zinc	**0.00818**	**J B**	0.0200	0.00692	mg/L		05/22/26 07:42	05/22/26 18:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**52.0**		15.0	8.40	mg/L			05/15/26 10:50	1

Client Sample ID: MW-6B
Date Collected: 05/12/26 09:15
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 12:52	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 12:52	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 12:52	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 12:52	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 12:52	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 12:52	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 12:52	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 12:52	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 12:52	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 12:52	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 12:52	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 12:52	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 12:52	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 12:52	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 12:52	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 12:52	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 12:52	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 12:52	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 12:52	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 12:52	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 12:52	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 12:52	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 12:52	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 12:52	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 12:52	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 12:52	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 12:52	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 12:52	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 12:52	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 12:52	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 12:52	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 12:52	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 12:52	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 12:52	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 12:52	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 12:52	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 12:52	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 12:52	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 12:52	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 12:52	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 12:52	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 12:52	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 12:52	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 12:52	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 12:52	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 12:52	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*119*		*76 - 130*		*05/16/26 12:52*	*1*

Client Sample ID: MW-6B
Lab Sample ID: 310-332023-5

Date Collected: 05/12/26 09:15
Matrix: Water

Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/16/26 12:52*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*05/16/26 12:52*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.200		0.200	0.0510	mg/L			05/14/26 07:18	1
Sulfate	**271**		5.00	2.10	mg/L			05/14/26 09:42	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 18:32	1
Arsenic	**0.0218**		0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 18:32	1
Barium	**0.442**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 18:32	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 18:32	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 18:32	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 18:32	1
Cobalt	**0.00289**		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 18:32	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 18:32	1
Iron	**33900**		100	46.7	ug/L		05/22/26 07:42	05/22/26 18:32	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 18:32	1
Manganese	**5750**	**B ^2**	12.5	3.96	ug/L		05/22/26 07:42	05/22/26 18:35	5
Nickel	**0.00288**		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 18:32	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 18:32	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 18:32	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 18:32	1
Vanadium	**0.00107**		0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 18:32	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/22/26 07:42	05/23/26 18:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**13.2**		1.00	0.500	mg/L			05/22/26 03:21	1
Total Suspended Solids (USGS I-3765-85)	**81.0**		15.0	8.40	mg/L			05/15/26 10:50	1

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Client Sample ID: MW-211B

Date Collected: 05/12/26 08:22
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 13:15	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 13:15	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 13:15	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 13:15	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 13:15	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 13:15	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 13:15	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 13:15	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 13:15	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 13:15	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 13:15	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 13:15	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 13:15	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 13:15	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 13:15	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 13:15	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 13:15	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 13:15	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 13:15	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 13:15	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 13:15	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 13:15	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 13:15	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 13:15	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 13:15	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 13:15	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 13:15	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 13:15	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 13:15	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 13:15	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 13:15	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 13:15	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 13:15	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 13:15	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 13:15	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 13:15	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 13:15	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 13:15	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 13:15	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 13:15	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 13:15	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 13:15	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 13:15	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 13:15	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 13:15	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 13:15	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*76 - 130*		*05/16/26 13:15*	*1*

Client Sample ID: MW-211B
Lab Sample ID: 310-332023-6

Date Collected: 05/12/26 08:22
Matrix: Water
Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/16/26 13:15*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*05/16/26 13:15*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.200		0.200	0.0510	mg/L			05/14/26 07:05	1
Sulfate	**14.6**		1.00	0.420	mg/L			05/14/26 07:05	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 18:38	1
Arsenic	**0.0287**		0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 18:38	1
Barium	**0.564**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 18:38	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 18:38	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 18:38	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 18:38	1
Cobalt	**0.0488**		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 18:38	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 18:38	1
Iron	**38400**		100	46.7	ug/L		05/22/26 07:42	05/22/26 18:38	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 18:38	1
Manganese	**10000**	**B ^2**	12.5	3.96	ug/L		05/22/26 07:42	05/22/26 18:41	5
Nickel	**0.0394**		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 18:38	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 18:38	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 18:38	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 18:38	1
Vanadium	**0.000767**		0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 18:38	1
Zinc	**0.00734**	**J**	0.0200	0.00692	mg/L		05/24/26 11:25	05/26/26 11:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**6.16**		1.00	0.500	mg/L			05/20/26 07:39	1
Total Suspended Solids (USGS I-3765-85)	**54.0**		15.0	8.40	mg/L			05/15/26 10:50	1

Client Sample ID: MW-16A

Date Collected: 05/12/26 09:13
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/18/26 20:31	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/18/26 20:31	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/18/26 20:31	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/18/26 20:31	1
1,1-Dichloroethane	**6.85**		1.00	0.400	ug/L			05/18/26 20:31	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/18/26 20:31	1
1,2,3-Trichloropropane	<1.00	*+	1.00	0.430	ug/L			05/18/26 20:31	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/18/26 20:31	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/18/26 20:31	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/18/26 20:31	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/18/26 20:31	1
1,2-Dichloropropane	**2.04**		1.00	0.380	ug/L			05/18/26 20:31	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/18/26 20:31	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/18/26 20:31	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/18/26 20:31	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/18/26 20:31	1
Acetone	<10.0		10.0	3.80	ug/L			05/18/26 20:31	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/18/26 20:31	1
Benzene	**0.402**	**J**	0.500	0.220	ug/L			05/18/26 20:31	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/18/26 20:31	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/18/26 20:31	1
Bromoform	<5.00		5.00	2.60	ug/L			05/18/26 20:31	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/18/26 20:31	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/18/26 20:31	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/18/26 20:31	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/18/26 20:31	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/18/26 20:31	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/18/26 20:31	1
Chloroform	<3.00		3.00	1.30	ug/L			05/18/26 20:31	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/18/26 20:31	1
cis-1,2-Dichloroethene	**9.78**		1.00	0.550	ug/L			05/18/26 20:31	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/18/26 20:31	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/18/26 20:31	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/18/26 20:31	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/18/26 20:31	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/18/26 20:31	1
Styrene	<1.00		1.00	0.370	ug/L			05/18/26 20:31	1
Tetrachloroethene	**2.29**		1.00	0.480	ug/L			05/18/26 20:31	1
Toluene	<1.00		1.00	0.430	ug/L			05/18/26 20:31	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/18/26 20:31	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/18/26 20:31	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/18/26 20:31	1
Trichloroethene	**1.40**		1.00	0.350	ug/L			05/18/26 20:31	1
Trichlorofluoromethane	**2.01**	**J**	4.00	0.470	ug/L			05/18/26 20:31	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/18/26 20:31	1
Vinyl chloride	**1.77**		1.00	0.430	ug/L			05/18/26 20:31	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/18/26 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*76 - 130*		*05/18/26 20:31*	*1*

Client Sample ID: MW-16A

Date Collected: 05/12/26 09:13
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*05/18/26 20:31*	*1*
4-Bromofluorobenzene (Surr)	*120*		*80 - 120*		*05/18/26 20:31*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.400**		0.200	0.0510	mg/L			05/14/26 07:31	1
Sulfate	**20.5**		1.00	0.420	mg/L			05/14/26 07:31	1

Method: SW846 8321B - Herbicides (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	**0.0648**	**J**	0.100	0.0300	ug/L		05/19/26 14:44	05/19/26 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*91*		*70 - 130*	*05/19/26 14:44*	*05/19/26 20:33*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 18:43	1
Arsenic	**0.000259**	**J**	0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 18:43	1
Barium	**0.419**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 18:43	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 18:43	1
Cadmium	**0.000200**	**J**	0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 18:43	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 18:43	1
Cobalt	**0.000881**	**J**	0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 18:43	1
Copper	**0.000648**	**J**	0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 18:43	1
Iron	**64.3**	**J**	100	46.7	ug/L		05/22/26 07:42	05/22/26 18:43	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 18:43	1
Manganese	**153**	**B ^2**	2.50	0.791	ug/L		05/22/26 07:42	05/22/26 18:43	1
Nickel	**0.00364**		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 18:43	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 18:43	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 18:43	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 18:43	1
Vanadium	**0.000670**		0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 18:43	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/22/26 07:42	05/22/26 18:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**1.78**		1.00	0.500	mg/L			05/20/26 08:15	1
Total Suspended Solids (USGS I-3765-85)	**1.75**	**J**	1.88	1.05	mg/L			05/15/26 10:50	1

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Client Sample ID: Dup-1
Date Collected: 05/12/26 07:36
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/18/26 20:53	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/18/26 20:53	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/18/26 20:53	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/18/26 20:53	1
1,1-Dichloroethane	**285**		1.00	0.400	ug/L			05/18/26 20:53	1
1,1-Dichloroethene	**1.11**	**J**	2.00	0.460	ug/L			05/18/26 20:53	1
1,2,3-Trichloropropane	<1.00	*+	1.00	0.430	ug/L			05/18/26 20:53	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/18/26 20:53	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/18/26 20:53	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/18/26 20:53	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/18/26 20:53	1
1,2-Dichloropropane	**0.756**	**J**	1.00	0.380	ug/L			05/18/26 20:53	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/18/26 20:53	1
2-Butanone (MEK)	**10.4**		10.0	3.40	ug/L			05/18/26 20:53	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/18/26 20:53	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/18/26 20:53	1
Acetone	<10.0		10.0	3.80	ug/L			05/18/26 20:53	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/18/26 20:53	1
Benzene	**2.02**		0.500	0.220	ug/L			05/18/26 20:53	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/18/26 20:53	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/18/26 20:53	1
Bromoform	<5.00		5.00	2.60	ug/L			05/18/26 20:53	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/18/26 20:53	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/18/26 20:53	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/18/26 20:53	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/18/26 20:53	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/18/26 20:53	1
Chloroethane	**6.45**		4.00	0.900	ug/L			05/18/26 20:53	1
Chloroform	<3.00		3.00	1.30	ug/L			05/18/26 20:53	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/18/26 20:53	1
cis-1,2-Dichloroethene	**185**		1.00	0.550	ug/L			05/18/26 20:53	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/18/26 20:53	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/18/26 20:53	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/18/26 20:53	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/18/26 20:53	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/18/26 20:53	1
Styrene	<1.00		1.00	0.370	ug/L			05/18/26 20:53	1
Tetrachloroethene	**21.4**		1.00	0.480	ug/L			05/18/26 20:53	1
Toluene	<1.00		1.00	0.430	ug/L			05/18/26 20:53	1
trans-1,2-Dichloroethene	**1.17**		1.00	0.410	ug/L			05/18/26 20:53	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/18/26 20:53	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/18/26 20:53	1
Trichloroethene	**21.9**		1.00	0.350	ug/L			05/18/26 20:53	1
Trichlorofluoromethane	**1.06**	**J**	4.00	0.470	ug/L			05/18/26 20:53	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/18/26 20:53	1
Vinyl chloride	**8.97**		1.00	0.430	ug/L			05/18/26 20:53	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/18/26 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*108*		*76 - 130*		*05/18/26 20:53*	*1*

Client Sample ID: Dup-1
Lab Sample ID: 310-332023-8
Date Collected: 05/12/26 07:36
Matrix: Water
Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/18/26 20:53*	*1*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*		*05/18/26 20:53*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 18:51	1
Arsenic	**0.00102**		0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 18:51	1
Barium	**0.686**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 18:51	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 18:51	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 18:51	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 18:51	1
Cobalt	**0.00118**		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 18:51	1
Copper	**0.000933**	**J**	0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 18:51	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 18:51	1
Nickel	**0.00300**		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 18:51	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 18:51	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 18:51	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 18:51	1
Vanadium	**0.000215**	**J**	0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 18:51	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/24/26 11:25	05/26/26 11:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**2.25**		1.88	1.05	mg/L			05/15/26 10:50	1

Client Sample ID: MW-18A-07
Date Collected: 05/12/26 07:36
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/18/26 21:15	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/18/26 21:15	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/18/26 21:15	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/18/26 21:15	1
1,1-Dichloroethane	**297**		1.00	0.400	ug/L			05/18/26 21:15	1
1,1-Dichloroethene	**1.33**	**J**	2.00	0.460	ug/L			05/18/26 21:15	1
1,2,3-Trichloropropane	<1.00	*+	1.00	0.430	ug/L			05/18/26 21:15	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/18/26 21:15	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/18/26 21:15	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/18/26 21:15	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/18/26 21:15	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/18/26 21:15	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/18/26 21:15	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/18/26 21:15	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/18/26 21:15	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/18/26 21:15	1
Acetone	<10.0		10.0	3.80	ug/L			05/18/26 21:15	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/18/26 21:15	1
Benzene	**1.94**		0.500	0.220	ug/L			05/18/26 21:15	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/18/26 21:15	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/18/26 21:15	1
Bromoform	<5.00		5.00	2.60	ug/L			05/18/26 21:15	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/18/26 21:15	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/18/26 21:15	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/18/26 21:15	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/18/26 21:15	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/18/26 21:15	1
Chloroethane	**7.02**		4.00	0.900	ug/L			05/18/26 21:15	1
Chloroform	<3.00		3.00	1.30	ug/L			05/18/26 21:15	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/18/26 21:15	1
cis-1,2-Dichloroethene	**193**		1.00	0.550	ug/L			05/18/26 21:15	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/18/26 21:15	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/18/26 21:15	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/18/26 21:15	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/18/26 21:15	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/18/26 21:15	1
Styrene	<1.00		1.00	0.370	ug/L			05/18/26 21:15	1
Tetrachloroethene	**23.2**		1.00	0.480	ug/L			05/18/26 21:15	1
Toluene	<1.00		1.00	0.430	ug/L			05/18/26 21:15	1
trans-1,2-Dichloroethene	**0.944**	**J**	1.00	0.410	ug/L			05/18/26 21:15	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/18/26 21:15	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/18/26 21:15	1
Trichloroethene	**23.3**		1.00	0.350	ug/L			05/18/26 21:15	1
Trichlorofluoromethane	**1.16**	**J**	4.00	0.470	ug/L			05/18/26 21:15	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/18/26 21:15	1
Vinyl chloride	**9.42**		1.00	0.430	ug/L			05/18/26 21:15	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/18/26 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*103*		*76 - 130*		*05/18/26 21:15*	*1*

Client Sample ID: MW-18A-07
Date Collected: 05/12/26 07:36
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*05/18/26 21:15*	*1*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*05/18/26 21:15*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.200		0.200	0.0510	mg/L			05/14/26 06:52	1
Sulfate	**119**		5.00	2.10	mg/L			05/14/26 09:29	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 18:53	1
Arsenic	**0.000944**	**J**	0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 18:53	1
Barium	**0.672**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 18:53	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 18:53	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 18:53	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 18:53	1
Cobalt	**0.00117**		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 18:53	1
Copper	**0.00111**	**J**	0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 18:53	1
Iron	**235**		100	46.7	ug/L		05/22/26 07:42	05/22/26 18:53	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 18:53	1
Manganese	**57.5**	**B**	2.50	0.791	ug/L		05/22/26 07:42	05/22/26 18:53	1
Nickel	**0.00319**		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 18:53	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 18:53	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 18:53	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 18:53	1
Vanadium	**0.000213**	**J**	0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 18:53	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/24/26 11:25	05/26/26 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**3.25**		1.00	0.500	mg/L			05/20/26 12:27	1
Total Suspended Solids (USGS I-3765-85)	**2.38**		1.88	1.05	mg/L			05/14/26 11:22	1

Client Sample ID: MW-212A
Lab Sample ID: 310-332023-10

Date Collected: 05/12/26 13:30
Matrix: Water
Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 14:46	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 14:46	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 14:46	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 14:46	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 14:46	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 14:46	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 14:46	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 14:46	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 14:46	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 14:46	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 14:46	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 14:46	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 14:46	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 14:46	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 14:46	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 14:46	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 14:46	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 14:46	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 14:46	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 14:46	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 14:46	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 14:46	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 14:46	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 14:46	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 14:46	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 14:46	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 14:46	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 14:46	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 14:46	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 14:46	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 14:46	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 14:46	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 14:46	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 14:46	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 14:46	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 14:46	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 14:46	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 14:46	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 14:46	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 14:46	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 14:46	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 14:46	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 14:46	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 14:46	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 14:46	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 14:46	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*126*		*76 - 130*		*05/16/26 14:46*	*1*

Client Sample ID: MW-212A

Date Collected: 05/12/26 13:30
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/16/26 14:46*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/16/26 14:46*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.200		0.200	0.0510	mg/L			05/14/26 08:10	1
Sulfate	**731**		100	42.0	mg/L			05/14/26 10:00	100

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 18:56	1
Arsenic	**0.00196**		0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 18:56	1
Barium	**0.116**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 18:56	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 18:56	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 18:56	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 18:56	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 18:56	1
Copper	**0.00216**		0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 18:56	1
Iron	**16400**		100	46.7	ug/L		05/22/26 07:42	05/22/26 18:56	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 18:56	1
Manganese	**7640**	**B**	12.5	3.96	ug/L		05/22/26 07:42	05/22/26 18:59	5
Nickel	<0.00200		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 18:56	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 18:56	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 18:56	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 18:56	1
Vanadium	**0.00186**		0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 18:56	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/22/26 07:42	05/22/26 18:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**7.99**		1.00	0.500	mg/L			05/20/26 13:03	1
Total Suspended Solids (USGS I-3765-85)	**41.0**		15.0	8.40	mg/L			05/14/26 11:22	1

Client Sample ID: MW-209B
Lab Sample ID: 310-332023-11

Date Collected: 05/12/26 14:01
Matrix: Water
Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 15:09	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 15:09	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 15:09	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 15:09	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 15:09	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 15:09	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 15:09	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 15:09	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 15:09	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 15:09	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 15:09	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 15:09	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 15:09	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 15:09	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 15:09	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 15:09	1
Acetone	**5.97**	**J**	10.0	3.80	ug/L			05/16/26 15:09	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 15:09	1
Benzene	**11.5**		0.500	0.220	ug/L			05/16/26 15:09	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 15:09	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 15:09	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 15:09	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 15:09	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 15:09	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 15:09	1
Chlorobenzene	**0.726**	**J**	1.00	0.350	ug/L			05/16/26 15:09	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 15:09	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 15:09	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 15:09	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 15:09	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 15:09	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 15:09	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 15:09	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 15:09	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 15:09	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 15:09	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 15:09	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 15:09	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 15:09	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 15:09	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 15:09	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 15:09	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 15:09	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 15:09	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 15:09	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 15:09	1
Xylenes, Total	**5.20**		3.00	1.10	ug/L			05/16/26 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*76 - 130*		*05/16/26 15:09*	*1*

Client Sample ID: MW-209B

Date Collected: 05/12/26 14:01
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-11

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/16/26 15:09*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/16/26 15:09*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.220**		0.200	0.0510	mg/L			05/14/26 08:23	1
Sulfate	<1.00		1.00	0.420	mg/L			05/14/26 08:23	1

Method: SW846 8321B - Herbicides (LC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	**1.39**		0.100	0.0300	ug/L		05/19/26 14:44	05/19/26 20:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	*90*		*70 - 130*	*05/19/26 14:44*	*05/19/26 20:43*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 19:01	1
Arsenic	**0.0329**		0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 19:01	1
Barium	**0.804**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 19:01	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 19:01	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 19:01	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 19:01	1
Cobalt	**0.00202**		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 19:01	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 19:01	1
Iron	**63300**		100	46.7	ug/L		05/22/26 07:42	05/22/26 19:01	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 19:01	1
Manganese	**5540**	**B**	12.5	3.96	ug/L		05/22/26 07:42	05/22/26 19:04	5
Nickel	**0.0741**		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 19:01	1
Selenium	**0.00102**	**J**	0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 19:01	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 19:01	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 19:01	1
Vanadium	**0.00241**		0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 19:01	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/22/26 07:42	05/22/26 19:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SW846 9034)	<1.00		1.00	0.231	mg/L			05/18/26 01:11	1
Total Organic Carbon (SW846 9060A)	<1.00		1.00	0.500	mg/L			05/20/26 13:39	1
Total Suspended Solids (USGS I-3765-85)	**157**		15.0	8.40	mg/L			05/15/26 10:50	1

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Client Sample ID: MW-1A

Date Collected: 05/12/26 14:41
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-12

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 15:33	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 15:33	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 15:33	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 15:33	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 15:33	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 15:33	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 15:33	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 15:33	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 15:33	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 15:33	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 15:33	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 15:33	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 15:33	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 15:33	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 15:33	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 15:33	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 15:33	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 15:33	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 15:33	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 15:33	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 15:33	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 15:33	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 15:33	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 15:33	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 15:33	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 15:33	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 15:33	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 15:33	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 15:33	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 15:33	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 15:33	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 15:33	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 15:33	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 15:33	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 15:33	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 15:33	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 15:33	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 15:33	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 15:33	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 15:33	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 15:33	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 15:33	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 15:33	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 15:33	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 15:33	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 15:33	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*76 - 130*		*05/16/26 15:33*	*1*

Client Sample ID: MW-1A

Date Collected: 05/12/26 14:41
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-12

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/16/26 15:33*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*05/16/26 15:33*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.200		0.200	0.0510	mg/L			05/14/26 08:36	1
Sulfate	**192**		5.00	2.10	mg/L			05/14/26 10:13	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 19:07	1
Arsenic	**0.0260**		0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 19:07	1
Barium	**0.181**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 19:07	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 19:07	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 19:07	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 19:07	1
Cobalt	**0.0102**		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 19:07	1
Copper	**0.000877**	**J**	0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 19:07	1
Iron	**24400**		100	46.7	ug/L		05/22/26 07:42	05/22/26 19:07	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 19:07	1
Manganese	**3440**	**B**	2.50	0.791	ug/L		05/22/26 07:42	05/22/26 19:07	1
Nickel	**0.00828**		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 19:07	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 19:07	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 19:07	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 19:07	1
Vanadium	**0.000877**		0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 19:07	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/24/26 11:25	05/26/26 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	<1.00		1.00	0.500	mg/L			05/20/26 14:15	1
Total Suspended Solids (USGS I-3765-85)	**76.5**		7.50	4.20	mg/L			05/14/26 11:22	1

Client Sample ID: MW-2A-97
Lab Sample ID: 310-332023-13

Date Collected: 05/12/26 15:05
Matrix: Water
Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 15:55	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 15:55	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 15:55	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 15:55	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 15:55	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 15:55	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 15:55	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 15:55	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 15:55	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 15:55	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 15:55	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 15:55	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 15:55	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 15:55	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 15:55	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 15:55	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 15:55	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 15:55	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 15:55	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 15:55	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 15:55	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 15:55	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 15:55	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 15:55	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 15:55	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 15:55	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 15:55	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 15:55	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 15:55	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 15:55	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 15:55	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 15:55	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 15:55	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 15:55	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 15:55	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 15:55	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 15:55	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 15:55	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 15:55	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 15:55	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 15:55	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 15:55	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 15:55	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 15:55	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 15:55	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 15:55	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*76 - 130*		*05/16/26 15:55*	*1*

Client Sample ID: MW-2A-97

Date Collected: 05/12/26 15:05
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-13

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/16/26 15:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*05/16/26 15:55*	*1*

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.175**	**J**	0.200	0.0510	mg/L			05/14/26 08:50	1
Sulfate	**154**		5.00	2.10	mg/L			05/14/26 10:26	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 19:09	1
Arsenic	**0.00278**		0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 19:09	1
Barium	**0.191**		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 19:09	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 19:09	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 19:09	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 19:09	1
Cobalt	**0.00680**		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 19:09	1
Copper	**0.00245**		0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 19:09	1
Iron	**1850**		100	46.7	ug/L		05/22/26 07:42	05/22/26 19:09	1
Lead	<0.000500		0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 19:09	1
Manganese	**4940**	**B**	2.50	0.791	ug/L		05/22/26 07:42	05/22/26 19:09	1
Nickel	**0.0117**		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 19:09	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 19:09	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 19:09	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 19:09	1
Vanadium	**0.000149**	**J**	0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 19:09	1
Zinc	<0.0200		0.0200	0.00692	mg/L		05/24/26 11:25	05/26/26 12:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	**7.26**		1.00	0.500	mg/L			05/22/26 05:09	1
Total Suspended Solids (USGS I-3765-85)	**5.00**		1.88	1.05	mg/L			05/14/26 11:22	1

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Client Sample ID: Trip Blank

Date Collected: 05/12/26 00:00
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-14

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 09:03	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 09:03	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 09:03	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 09:03	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 09:03	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 09:03	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 09:03	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 09:03	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 09:03	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 09:03	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 09:03	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 09:03	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 09:03	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 09:03	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 09:03	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 09:03	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 09:03	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 09:03	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 09:03	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 09:03	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 09:03	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 09:03	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 09:03	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 09:03	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 09:03	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 09:03	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 09:03	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 09:03	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 09:03	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 09:03	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 09:03	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 09:03	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 09:03	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 09:03	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 09:03	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 09:03	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 09:03	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 09:03	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 09:03	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 09:03	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 09:03	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 09:03	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 09:03	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 09:03	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 09:03	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 09:03	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 09:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*76 - 130*		*05/16/26 09:03*	*1*

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: Trip Blank
Lab Sample ID: 310-332023-14
Date Collected: 05/12/26 00:00
Matrix: Water
Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/16/26 09:03	1
4-Bromofluorobenzene (Surr)	101		80 - 120		05/16/26 09:03	1

Client Sample ID: Trip Blank
Lab Sample ID: 310-332023-15

Date Collected: 05/12/26 00:00
Matrix: Water
Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 09:26	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 09:26	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 09:26	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 09:26	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 09:26	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 09:26	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 09:26	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 09:26	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 09:26	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 09:26	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 09:26	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 09:26	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 09:26	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 09:26	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 09:26	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 09:26	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 09:26	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 09:26	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 09:26	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 09:26	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 09:26	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 09:26	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 09:26	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 09:26	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 09:26	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 09:26	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 09:26	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 09:26	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 09:26	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 09:26	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 09:26	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 09:26	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 09:26	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 09:26	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 09:26	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 09:26	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 09:26	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 09:26	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 09:26	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 09:26	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 09:26	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 09:26	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 09:26	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 09:26	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 09:26	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 09:26	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 09:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*114*		*76 - 130*		*05/16/26 09:26*	*1*

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: Trip Blank
Lab Sample ID: 310-332023-15
Date Collected: 05/12/26 00:00
Matrix: Water
Date Received: 05/14/26 08:02

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120		05/16/26 09:26	1
4-Bromofluorobenzene (Surr)	99		80 - 120		05/16/26 09:26	1

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Client Sample ID: Trip Blank

Date Collected: 05/12/26 00:00
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-16

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 09:49	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 09:49	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 09:49	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 09:49	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 09:49	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 09:49	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 09:49	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 09:49	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 09:49	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 09:49	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 09:49	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 09:49	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 09:49	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 09:49	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 09:49	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 09:49	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 09:49	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 09:49	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 09:49	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 09:49	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 09:49	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 09:49	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 09:49	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 09:49	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 09:49	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 09:49	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 09:49	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 09:49	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 09:49	1
Chloromethane	<3.00	*+	3.00	0.610	ug/L			05/16/26 09:49	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 09:49	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 09:49	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 09:49	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 09:49	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 09:49	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 09:49	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 09:49	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 09:49	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 09:49	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 09:49	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 09:49	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 09:49	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 09:49	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 09:49	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 09:49	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 09:49	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 09:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*76 - 130*		*05/16/26 09:49*	*1*

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Client Sample ID: Trip Blank
Date Collected: 05/12/26 00:00
Date Received: 05/14/26 08:02

Lab Sample ID: 310-332023-16
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*93*		*80 - 120*		*05/16/26 09:49*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*05/16/26 09:49*	*1*

Definitions/Glossary

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DBFM (76-130)	TOL (80-120)	BFB (80-120)
310-332023-1	MW-207A	115	93	99
310-332023-1 MS	MW-207A	100	100	91
310-332023-1 MSD	MW-207A	99	101	90
310-332023-3	MW-206A	116	93	99
310-332023-4	Dup-2	115	92	98
310-332023-5	MW-6B	119	94	100
310-332023-6	MW-211B	117	93	100
310-332023-7	MW-16A	104	97	120
310-332023-8	Dup-1	108	95	111
310-332023-9	MW-18A-07	103	96	108
310-332023-10	MW-212A	126	93	99
310-332023-11	MW-209B	112	100	95
310-332023-12	MW-1A	117	95	97
310-332023-13	MW-2A-97	117	93	98
310-332023-14	Trip Blank	112	95	101
310-332023-15	Trip Blank	114	92	99
310-332023-16	Trip Blank	113	93	98
LCS 310-489162/6	Lab Control Sample	98	98	93
LCS 310-489162/7	Lab Control Sample	114	94	97
LCS 310-489234/6	Lab Control Sample	111	100	109
LCS 310-489234/7	Lab Control Sample	111	96	114
MB 310-489162/5	Method Blank	115	94	98
MB 310-489234/5	Method Blank	106	95	116

Surrogate Legend

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8321B - Herbicides (LC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCPAA (70-130)
310-332023-7	MW-16A	91
310-332023-11	MW-209B	90
LCS 410-820243/2-A	Lab Control Sample	90
LCSD 410-820243/3-A	Lab Control Sample Dup	91
MB 410-820243/1-A	Method Blank	86

Surrogate Legend

DCPAA = DCAA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-489162/5
Matrix: Water
Analysis Batch: 489162

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/16/26 07:32	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/16/26 07:32	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/16/26 07:32	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/16/26 07:32	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/16/26 07:32	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/16/26 07:32	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/16/26 07:32	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/16/26 07:32	1
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/16/26 07:32	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/16/26 07:32	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/16/26 07:32	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/16/26 07:32	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/16/26 07:32	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/16/26 07:32	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/16/26 07:32	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/16/26 07:32	1
Acetone	<10.0		10.0	3.80	ug/L			05/16/26 07:32	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/16/26 07:32	1
Benzene	<0.500		0.500	0.220	ug/L			05/16/26 07:32	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/16/26 07:32	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/16/26 07:32	1
Bromoform	<5.00		5.00	2.60	ug/L			05/16/26 07:32	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/16/26 07:32	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/16/26 07:32	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/16/26 07:32	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/16/26 07:32	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/16/26 07:32	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/16/26 07:32	1
Chloroform	<3.00		3.00	1.30	ug/L			05/16/26 07:32	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/16/26 07:32	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/16/26 07:32	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/16/26 07:32	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/16/26 07:32	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/16/26 07:32	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/16/26 07:32	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/16/26 07:32	1
Styrene	<1.00		1.00	0.370	ug/L			05/16/26 07:32	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/16/26 07:32	1
Toluene	<1.00		1.00	0.430	ug/L			05/16/26 07:32	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/16/26 07:32	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/16/26 07:32	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/16/26 07:32	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/16/26 07:32	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/16/26 07:32	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/16/26 07:32	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/16/26 07:32	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/16/26 07:32	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-489162/5
Matrix: Water
Analysis Batch: 489162

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*115*		*76 - 130*		*05/16/26 07:32*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*05/16/26 07:32*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*05/16/26 07:32*	*1*

Lab Sample ID: LCS 310-489162/6
Matrix: Water
Analysis Batch: 489162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	16.61		ug/L		83	70 - 121
1,1,1-Trichloroethane	20.0	16.45		ug/L		82	69 - 130
1,1,2,2-Tetrachloroethane	20.0	18.55		ug/L		93	70 - 122
1,1,2-Trichloroethane	20.0	19.11		ug/L		96	75 - 121
1,1-Dichloroethane	20.0	19.87		ug/L		99	69 - 127
1,1-Dichloroethene	20.0	18.02		ug/L		90	64 - 134
1,2,3-Trichloropropane	20.0	18.73		ug/L		94	70 - 122
1,2-Dibromo-3-Chloropropane	20.0	15.54		ug/L		78	62 - 132
1,2-Dibromoethane (EDB)	20.0	17.09		ug/L		85	74 - 122
1,2-Dichlorobenzene	20.0	16.80		ug/L		84	74 - 120
1,2-Dichloroethane	20.0	17.11		ug/L		86	68 - 125
1,2-Dichloropropane	20.0	19.34		ug/L		97	72 - 128
1,4-Dichlorobenzene	20.0	16.72		ug/L		84	72 - 120
2-Butanone (MEK)	40.0	34.98		ug/L		87	60 - 134
2-Hexanone	40.0	32.49		ug/L		81	62 - 139
4-Methyl-2-pentanone (MIBK)	40.0	33.22		ug/L		83	62 - 136
Acetone	40.0	36.18		ug/L		90	59 - 136
Acrylonitrile	200	201.9		ug/L		101	50 - 150
Benzene	20.0	18.94		ug/L		95	71 - 125
Bromochloromethane	20.0	18.25		ug/L		91	69 - 131
Bromodichloromethane	20.0	16.25		ug/L		81	70 - 122
Bromoform	20.0	15.22		ug/L		76	62 - 122
Carbon disulfide	20.0	19.54		ug/L		98	58 - 137
Carbon tetrachloride	20.0	15.95		ug/L		80	63 - 136
Chlorobenzene	20.0	17.23		ug/L		86	74 - 120
Chlorodibromomethane	20.0	15.69		ug/L		78	69 - 121
Chloroform	20.0	17.65		ug/L		88	72 - 122
cis-1,2-Dichloroethene	20.0	17.76		ug/L		89	72 - 123
cis-1,3-Dichloropropene	20.0	16.29		ug/L		81	72 - 123
Dibromomethane	20.0	18.09		ug/L		90	72 - 122
Ethylbenzene	20.0	16.68		ug/L		83	75 - 120
Iodomethane	20.0	18.94		ug/L		95	18 - 150
Methylene Chloride	20.0	20.23		ug/L		101	72 - 128
Styrene	20.0	16.24		ug/L		81	74 - 122
Tetrachloroethene	20.0	16.11		ug/L		81	70 - 128
Toluene	20.0	17.36		ug/L		87	74 - 120
trans-1,2-Dichloroethene	20.0	17.47		ug/L		87	67 - 127
trans-1,3-Dichloropropene	20.0	16.25		ug/L		81	67 - 123
trans-1,4-Dichloro-2-butene	20.0	17.23		ug/L		86	50 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-489162/6
Matrix: Water
Analysis Batch: 489162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichloroethene	20.0	17.38		ug/L		87	70 - 128
Vinyl acetate	40.0	29.45		ug/L		74	50 - 150
Xylenes, Total	40.0	31.87		ug/L		80	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*76 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*

Lab Sample ID: LCS 310-489162/7
Matrix: Water
Analysis Batch: 489162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	21.29		ug/L		106	33 - 138
Chloroethane	20.0	23.91		ug/L		120	59 - 139
Chloromethane	20.0	29.55	*+	ug/L		148	52 - 146
Trichlorofluoromethane	20.0	20.64		ug/L		103	55 - 150
Vinyl chloride	20.0	26.43		ug/L		132	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*114*		*76 - 130*
Toluene-d8 (Surr)	*94*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*

Lab Sample ID: 310-332023-1 MS
Matrix: Water
Analysis Batch: 489162

Client Sample ID: MW-207A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<1.00		20.0	17.39		ug/L		87	55 - 121
1,1,1-Trichloroethane	<1.00		20.0	15.25		ug/L		76	53 - 130
1,1,2,2-Tetrachloroethane	<1.00		20.0	21.49		ug/L		107	55 - 123
1,1,2-Trichloroethane	<1.00		20.0	21.00		ug/L		105	60 - 121
1,1-Dichloroethane	<1.00		20.0	21.60		ug/L		108	53 - 127
1,1-Dichloroethene	<2.00		20.0	18.31		ug/L		92	51 - 134
1,2,3-Trichloropropane	<1.00		20.0	21.09		ug/L		105	56 - 122
1,2-Dibromo-3-Chloropropane	<1.20		20.0	17.93		ug/L		90	44 - 138
1,2-Dibromoethane (EDB)	<0.340		20.0	18.69		ug/L		93	60 - 122
1,2-Dichlorobenzene	<1.00		20.0	17.59		ug/L		88	60 - 120
1,2-Dichloroethane	<1.00		20.0	18.82		ug/L		94	48 - 128
1,2-Dichloropropane	<1.00		20.0	20.47		ug/L		102	59 - 128
1,4-Dichlorobenzene	<1.00		20.0	17.18		ug/L		86	58 - 120
2-Butanone (MEK)	<10.0		40.0	40.50		ug/L		101	46 - 134
2-Hexanone	<10.0		40.0	38.39		ug/L		96	46 - 141
4-Methyl-2-pentanone (MIBK)	<10.0		40.0	39.00		ug/L		97	49 - 138
Acetone	<10.0		40.0	45.12		ug/L		113	39 - 141
Acrylonitrile	<5.00		200	226.8		ug/L		113	41 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-332023-1 MS
Matrix: Water
Analysis Batch: 489162

Client Sample ID: MW-207A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.500		20.0	19.45		ug/L		97	48 - 125
Bromochloromethane	<5.00		20.0	21.14		ug/L		106	55 - 131
Bromodichloromethane	<1.00		20.0	17.51		ug/L		88	53 - 122
Bromoform	<5.00		20.0	16.97		ug/L		85	47 - 122
Carbon disulfide	<1.00		20.0	20.68		ug/L		103	45 - 137
Carbon tetrachloride	<2.00		20.0	13.86		ug/L		69	45 - 136
Chlorobenzene	<1.00		20.0	16.95		ug/L		85	59 - 120
Chlorodibromomethane	<5.00		20.0	17.23		ug/L		86	53 - 121
Chloroform	<3.00		20.0	18.83		ug/L		94	52 - 122
cis-1,2-Dichloroethene	<1.00		20.0	18.95		ug/L		95	51 - 123
cis-1,3-Dichloropropene	<5.00		20.0	16.92		ug/L		85	55 - 123
Dibromomethane	<1.00		20.0	19.93		ug/L		100	57 - 122
Ethylbenzene	<1.00		20.0	14.69		ug/L		73	53 - 120
Iodomethane	<10.0		20.0	21.44		ug/L		107	18 - 150
Methylene Chloride	<5.00		20.0	23.06		ug/L		115	59 - 128
Styrene	<1.00		20.0	15.78		ug/L		79	50 - 125
Tetrachloroethene	<1.00		20.0	13.62		ug/L		68	51 - 128
Toluene	<1.00		20.0	16.22		ug/L		81	52 - 120
trans-1,2-Dichloroethene	<1.00		20.0	17.88		ug/L		89	53 - 127
trans-1,3-Dichloropropene	<5.00		20.0	16.99		ug/L		85	50 - 123
trans-1,4-Dichloro-2-butene	<10.0		20.0	18.12		ug/L		91	28 - 150
Trichloroethene	<1.00		20.0	16.98		ug/L		85	50 - 128
Vinyl acetate	<10.0		40.0	34.49		ug/L		86	31 - 150
Xylenes, Total	<3.00		40.0	28.67		ug/L		72	50 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*100*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*

Lab Sample ID: 310-332023-1 MSD
Matrix: Water
Analysis Batch: 489162

Client Sample ID: MW-207A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<1.00		20.0	17.65		ug/L		88	55 - 121	1	20
1,1,1-Trichloroethane	<1.00		20.0	15.42		ug/L		77	53 - 130	1	20
1,1,2,2-Tetrachloroethane	<1.00		20.0	22.56		ug/L		113	55 - 123	5	20
1,1,2-Trichloroethane	<1.00		20.0	21.57		ug/L		108	60 - 121	3	20
1,1-Dichloroethane	<1.00		20.0	21.73		ug/L		109	53 - 127	1	20
1,1-Dichloroethene	<2.00		20.0	18.62		ug/L		93	51 - 134	2	20
1,2,3-Trichloropropane	<1.00		20.0	21.58		ug/L		108	56 - 122	2	21
1,2-Dibromo-3-Chloropropane	<1.20		20.0	18.55		ug/L		93	44 - 138	3	24
1,2-Dibromoethane (EDB)	<0.340		20.0	18.92		ug/L		95	60 - 122	1	20
1,2-Dichlorobenzene	<1.00		20.0	18.28		ug/L		91	60 - 120	4	20
1,2-Dichloroethane	<1.00		20.0	18.95		ug/L		95	48 - 128	1	20
1,2-Dichloropropane	<1.00		20.0	20.77		ug/L		104	59 - 128	1	20
1,4-Dichlorobenzene	<1.00		20.0	17.64		ug/L		88	58 - 120	3	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-332023-1 MSD
Matrix: Water
Analysis Batch: 489162

Client Sample ID: MW-207A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	<10.0		40.0	42.01		ug/L		105	46 - 134	4	23
2-Hexanone	<10.0		40.0	38.86		ug/L		97	46 - 141	1	20
4-Methyl-2-pentanone (MIBK)	<10.0		40.0	40.14		ug/L		100	49 - 138	3	20
Acetone	<10.0		40.0	46.22		ug/L		116	39 - 141	2	23
Acrylonitrile	<5.00		200	228.4		ug/L		114	41 - 150	1	20
Benzene	<0.500		20.0	19.48		ug/L		97	48 - 125	0	20
Bromochloromethane	<5.00		20.0	21.03		ug/L		105	55 - 131	1	21
Bromodichloromethane	<1.00		20.0	17.84		ug/L		89	53 - 122	2	20
Bromoform	<5.00		20.0	17.35		ug/L		87	47 - 122	2	20
Carbon disulfide	<1.00		20.0	19.27		ug/L		96	45 - 137	7	24
Carbon tetrachloride	<2.00		20.0	14.00		ug/L		70	45 - 136	1	20
Chlorobenzene	<1.00		20.0	17.11		ug/L		86	59 - 120	1	20
Chlorodibromomethane	<5.00		20.0	17.76		ug/L		89	53 - 121	3	20
Chloroform	<3.00		20.0	18.99		ug/L		95	52 - 122	1	20
cis-1,2-Dichloroethene	<1.00		20.0	19.02		ug/L		95	51 - 123	0	20
cis-1,3-Dichloropropene	<5.00		20.0	16.92		ug/L		85	55 - 123	0	20
Dibromomethane	<1.00		20.0	20.42		ug/L		102	57 - 122	2	20
Ethylbenzene	<1.00		20.0	15.16		ug/L		76	53 - 120	3	20
Iodomethane	<10.0		20.0	23.17		ug/L		116	18 - 150	8	32
Methylene Chloride	<5.00		20.0	23.16		ug/L		116	59 - 128	0	20
Styrene	<1.00		20.0	16.17		ug/L		81	50 - 125	2	20
Tetrachloroethene	<1.00		20.0	13.75		ug/L		69	51 - 128	1	20
Toluene	<1.00		20.0	16.29		ug/L		81	52 - 120	0	20
trans-1,2-Dichloroethene	<1.00		20.0	17.52		ug/L		88	53 - 127	2	20
trans-1,3-Dichloropropene	<5.00		20.0	17.25		ug/L		86	50 - 123	1	20
trans-1,4-Dichloro-2-butene	<10.0		20.0	18.85		ug/L		94	28 - 150	4	24
Trichloroethene	<1.00		20.0	16.74		ug/L		84	50 - 128	1	20
Vinyl acetate	<10.0		40.0	36.90		ug/L		92	31 - 150	7	25
Xylenes, Total	<3.00		40.0	29.71		ug/L		74	50 - 122	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*76 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*

Lab Sample ID: MB 310-489234/5
Matrix: Water
Analysis Batch: 489234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.00		1.00	0.380	ug/L			05/18/26 19:01	1
1,1,1-Trichloroethane	<1.00		1.00	0.420	ug/L			05/18/26 19:01	1
1,1,2,2-Tetrachloroethane	<1.00		1.00	0.350	ug/L			05/18/26 19:01	1
1,1,2-Trichloroethane	<1.00		1.00	0.330	ug/L			05/18/26 19:01	1
1,1-Dichloroethane	<1.00		1.00	0.400	ug/L			05/18/26 19:01	1
1,1-Dichloroethene	<2.00		2.00	0.460	ug/L			05/18/26 19:01	1
1,2,3-Trichloropropane	<1.00		1.00	0.430	ug/L			05/18/26 19:01	1
1,2-Dibromo-3-Chloropropane	<1.20		1.20	1.20	ug/L			05/18/26 19:01	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-489234/5
Matrix: Water
Analysis Batch: 489234

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	<0.340		0.340	0.340	ug/L			05/18/26 19:01	1
1,2-Dichlorobenzene	<1.00		1.00	0.370	ug/L			05/18/26 19:01	1
1,2-Dichloroethane	<1.00		1.00	0.890	ug/L			05/18/26 19:01	1
1,2-Dichloropropane	<1.00		1.00	0.380	ug/L			05/18/26 19:01	1
1,4-Dichlorobenzene	<1.00		1.00	0.490	ug/L			05/18/26 19:01	1
2-Butanone (MEK)	<10.0		10.0	3.40	ug/L			05/18/26 19:01	1
2-Hexanone	<10.0		10.0	3.80	ug/L			05/18/26 19:01	1
4-Methyl-2-pentanone (MIBK)	<10.0		10.0	3.50	ug/L			05/18/26 19:01	1
Acetone	<10.0		10.0	3.80	ug/L			05/18/26 19:01	1
Acrylonitrile	<5.00		5.00	2.20	ug/L			05/18/26 19:01	1
Benzene	<0.500		0.500	0.220	ug/L			05/18/26 19:01	1
Bromochloromethane	<5.00		5.00	1.70	ug/L			05/18/26 19:01	1
Bromodichloromethane	<1.00		1.00	0.390	ug/L			05/18/26 19:01	1
Bromoform	<5.00		5.00	2.60	ug/L			05/18/26 19:01	1
Bromomethane	<4.00		4.00	1.10	ug/L			05/18/26 19:01	1
Carbon disulfide	<1.00		1.00	0.450	ug/L			05/18/26 19:01	1
Carbon tetrachloride	<2.00		2.00	0.650	ug/L			05/18/26 19:01	1
Chlorobenzene	<1.00		1.00	0.350	ug/L			05/18/26 19:01	1
Chlorodibromomethane	<5.00		5.00	1.50	ug/L			05/18/26 19:01	1
Chloroethane	<4.00		4.00	0.900	ug/L			05/18/26 19:01	1
Chloroform	<3.00		3.00	1.30	ug/L			05/18/26 19:01	1
Chloromethane	<3.00		3.00	0.610	ug/L			05/18/26 19:01	1
cis-1,2-Dichloroethene	<1.00		1.00	0.550	ug/L			05/18/26 19:01	1
cis-1,3-Dichloropropene	<5.00		5.00	1.20	ug/L			05/18/26 19:01	1
Dibromomethane	<1.00		1.00	0.330	ug/L			05/18/26 19:01	1
Ethylbenzene	<1.00		1.00	0.420	ug/L			05/18/26 19:01	1
Iodomethane	<10.0		10.0	2.60	ug/L			05/18/26 19:01	1
Methylene Chloride	<5.00		5.00	1.70	ug/L			05/18/26 19:01	1
Styrene	<1.00		1.00	0.370	ug/L			05/18/26 19:01	1
Tetrachloroethene	<1.00		1.00	0.480	ug/L			05/18/26 19:01	1
Toluene	<1.00		1.00	0.430	ug/L			05/18/26 19:01	1
trans-1,2-Dichloroethene	<1.00		1.00	0.410	ug/L			05/18/26 19:01	1
trans-1,3-Dichloropropene	<5.00		5.00	2.30	ug/L			05/18/26 19:01	1
trans-1,4-Dichloro-2-butene	<10.0		10.0	2.40	ug/L			05/18/26 19:01	1
Trichloroethene	<1.00		1.00	0.350	ug/L			05/18/26 19:01	1
Trichlorofluoromethane	<4.00		4.00	0.470	ug/L			05/18/26 19:01	1
Vinyl acetate	<10.0		10.0	7.10	ug/L			05/18/26 19:01	1
Vinyl chloride	<1.00		1.00	0.430	ug/L			05/18/26 19:01	1
Xylenes, Total	<3.00		3.00	1.10	ug/L			05/18/26 19:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*76 - 130*		*05/18/26 19:01*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/18/26 19:01*	*1*
4-Bromofluorobenzene (Surr)	*116*		*80 - 120*		*05/18/26 19:01*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-489234/6
Matrix: Water
Analysis Batch: 489234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	21.40		ug/L		107	70 - 121
1,1,1-Trichloroethane	20.0	21.28		ug/L		106	69 - 130
1,1,2,2-Tetrachloroethane	20.0	18.81		ug/L		94	70 - 122
1,1,2-Trichloroethane	20.0	19.21		ug/L		96	75 - 121
1,1-Dichloroethane	20.0	18.75		ug/L		94	69 - 127
1,1-Dichloroethene	20.0	21.54		ug/L		108	64 - 134
1,2,3-Trichloropropane	20.0	24.78	*+	ug/L		124	70 - 122
1,2-Dibromo-3-Chloropropane	20.0	24.48		ug/L		122	62 - 132
1,2-Dibromoethane (EDB)	20.0	21.58		ug/L		108	74 - 122
1,2-Dichlorobenzene	20.0	20.17		ug/L		101	74 - 120
1,2-Dichloroethane	20.0	19.15		ug/L		96	68 - 125
1,2-Dichloropropane	20.0	17.36		ug/L		87	72 - 128
1,4-Dichlorobenzene	20.0	19.19		ug/L		96	72 - 120
2-Butanone (MEK)	40.0	39.03		ug/L		98	60 - 134
2-Hexanone	40.0	33.15		ug/L		83	62 - 139
4-Methyl-2-pentanone (MIBK)	40.0	32.53		ug/L		81	62 - 136
Acetone	40.0	35.03		ug/L		88	59 - 136
Acrylonitrile	200	172.7		ug/L		86	50 - 150
Benzene	20.0	18.47		ug/L		92	71 - 125
Bromochloromethane	20.0	21.95		ug/L		110	69 - 131
Bromodichloromethane	20.0	20.10		ug/L		100	70 - 122
Bromoform	20.0	22.10		ug/L		111	62 - 122
Carbon disulfide	20.0	18.69		ug/L		93	58 - 137
Carbon tetrachloride	20.0	19.72		ug/L		99	63 - 136
Chlorobenzene	20.0	19.35		ug/L		97	74 - 120
Chlorodibromomethane	20.0	20.99		ug/L		105	69 - 121
Chloroform	20.0	20.11		ug/L		101	72 - 122
cis-1,2-Dichloroethene	20.0	20.85		ug/L		104	72 - 123
cis-1,3-Dichloropropene	20.0	18.15		ug/L		91	72 - 123
Dibromomethane	20.0	22.45		ug/L		112	72 - 122
Ethylbenzene	20.0	17.20		ug/L		86	75 - 120
Iodomethane	20.0	14.57		ug/L		73	18 - 150
Methylene Chloride	20.0	21.70		ug/L		109	72 - 128
Styrene	20.0	19.21		ug/L		96	74 - 122
Tetrachloroethene	20.0	19.77		ug/L		99	70 - 128
Toluene	20.0	18.89		ug/L		94	74 - 120
trans-1,2-Dichloroethene	20.0	20.73		ug/L		104	67 - 127
trans-1,3-Dichloropropene	20.0	18.96		ug/L		95	67 - 123
trans-1,4-Dichloro-2-butene	20.0	16.68		ug/L		83	50 - 150
Trichloroethene	20.0	18.31		ug/L		92	70 - 128
Vinyl acetate	40.0	48.09		ug/L		120	50 - 150
Xylenes, Total	40.0	35.80		ug/L		90	74 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*111*		*76 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-489234/7
Matrix: Water
Analysis Batch: 489234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	17.01		ug/L		85	33 - 138
Chloroethane	20.0	18.14		ug/L		91	59 - 139
Chloromethane	20.0	16.44		ug/L		82	52 - 146
Trichlorofluoromethane	20.0	22.68		ug/L		113	55 - 150
Vinyl chloride	20.0	18.75		ug/L		94	60 - 142

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*111*		*76 - 130*
Toluene-d8 (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*114*		*80 - 120*

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 310-489134/3
Matrix: Water
Analysis Batch: 489134

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.200		0.200	0.0510	mg/L			05/13/26 15:54	1
Sulfate	<1.00		1.00	0.420	mg/L			05/13/26 15:54	1

Lab Sample ID: LCS 310-489134/4
Matrix: Water
Analysis Batch: 489134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.00	2.079		mg/L		104	90 - 110
Sulfate	10.0	10.43		mg/L		104	90 - 110

Method: 8321B - Herbicides (LC/MS)

Lab Sample ID: MB 410-820243/1-A
Matrix: Water
Analysis Batch: 820190

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 820243

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	<0.100		0.100	0.0300	ug/L		05/19/26 14:44	05/19/26 20:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCAA	*86*		*70 - 130*	*05/19/26 14:44*	*05/19/26 20:04*	*1*

Lab Sample ID: LCS 410-820243/2-A
Matrix: Water
Analysis Batch: 820190

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 820243

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silvex (2,4,5-TP)	2.49	2.252		ug/L		90	70 - 130

Method: 8321B - Herbicides (LC/MS) (Continued)

Lab Sample ID: LCS 410-820243/2-A
Matrix: Water
Analysis Batch: 820190

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 820243

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCAA	*90*		*70 - 130*

Lab Sample ID: LCSD 410-820243/3-A
Matrix: Water
Analysis Batch: 820190

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 820243

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silvex (2,4,5-TP)			2.49	2.411		ug/L		97	70 - 130	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCAA	*91*		*70 - 130*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-867768/1-A
Matrix: Water
Analysis Batch: 867904

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 867768

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00100	0.000933	mg/L		05/22/26 07:42	05/22/26 18:20	1
Arsenic	<0.00100		0.00100	0.000232	mg/L		05/22/26 07:42	05/22/26 18:20	1
Barium	<0.00250		0.00250	0.00139	mg/L		05/22/26 07:42	05/22/26 18:20	1
Beryllium	<0.000400		0.000400	0.000236	mg/L		05/22/26 07:42	05/22/26 18:20	1
Cadmium	<0.000500		0.000500	0.000167	mg/L		05/22/26 07:42	05/22/26 18:20	1
Chromium	<0.00500		0.00500	0.00459	mg/L		05/22/26 07:42	05/22/26 18:20	1
Cobalt	<0.00100		0.00100	0.000402	mg/L		05/22/26 07:42	05/22/26 18:20	1
Copper	<0.00200		0.00200	0.000497	mg/L		05/22/26 07:42	05/22/26 18:20	1
Iron	<100		100	46.7	ug/L		05/22/26 07:42	05/22/26 18:20	1
Lead	0.0002502	J	0.000500	0.000186	mg/L		05/22/26 07:42	05/22/26 18:20	1
Nickel	<0.00200		0.00200	0.000625	mg/L		05/22/26 07:42	05/22/26 18:20	1
Selenium	<0.00250		0.00250	0.000982	mg/L		05/22/26 07:42	05/22/26 18:20	1
Silver	<0.000500		0.000500	0.000115	mg/L		05/22/26 07:42	05/22/26 18:20	1
Thallium	<0.000400		0.000400	0.000255	mg/L		05/22/26 07:42	05/22/26 18:20	1
Vanadium	<0.000270		0.000270	0.0000843	mg/L		05/22/26 07:42	05/22/26 18:20	1

Lab Sample ID: MB 500-867768/1-A
Matrix: Water
Analysis Batch: 867916

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 867768

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<2.50		2.50	0.791	ug/L		05/22/26 07:42	05/23/26 18:24	1
Zinc	0.03729		0.0200	0.00692	mg/L		05/22/26 07:42	05/23/26 18:24	1

Lab Sample ID: LCS 500-867768/2-A
Matrix: Water
Analysis Batch: 867904

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 867768

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			0.500	0.5071		mg/L		101	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-867768/2-A
Matrix: Water
Analysis Batch: 867904

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 867768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.08830		mg/L		88	80 - 120
Barium	0.500	0.4821		mg/L		96	80 - 120
Beryllium	0.0500	0.04375		mg/L		87	80 - 120
Cadmium	0.0500	0.04695		mg/L		94	80 - 120
Chromium	0.200	0.1862		mg/L		93	80 - 120
Cobalt	0.500	0.5110		mg/L		102	80 - 120
Copper	0.250	0.2224		mg/L		89	80 - 120
Iron	1000	1033		ug/L		103	80 - 120
Lead	0.100	0.09958		mg/L		100	80 - 120
Nickel	0.500	0.4513		mg/L		90	80 - 120
Selenium	0.100	0.09000		mg/L		90	80 - 120
Silver	0.0500	0.04871		mg/L		97	80 - 120
Thallium	0.100	0.1022		mg/L		102	80 - 120
Vanadium	0.500	0.4718		mg/L		94	80 - 120

Lab Sample ID: LCS 500-867768/2-A
Matrix: Water
Analysis Batch: 867916

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 867768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	500	481.2		ug/L		96	80 - 120
Zinc	0.500	0.5029		mg/L		101	80 - 120

Lab Sample ID: MB 500-867926/1-A
Matrix: Water
Analysis Batch: 868063

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 867926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.0200		0.0200	0.00692	mg/L		05/24/26 11:25	05/26/26 11:45	1

Lab Sample ID: LCS 500-867926/2-A
Matrix: Water
Analysis Batch: 868063

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 867926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	0.500	0.5188		mg/L		104	80 - 120

Lab Sample ID: 310-332023-12 MS
Matrix: Water
Analysis Batch: 868063

Client Sample ID: MW-1A
Prep Type: Total Recoverable
Prep Batch: 867926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	<0.0200		0.500	0.4791		mg/L		96	75 - 125

Lab Sample ID: 310-332023-12 MSD
Matrix: Water
Analysis Batch: 868063

Client Sample ID: MW-1A
Prep Type: Total Recoverable
Prep Batch: 867926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	<0.0200		0.500	0.4864		mg/L		97	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 310-332023-12 DU
Matrix: Water
Analysis Batch: 868063

Client Sample ID: MW-1A
Prep Type: Total Recoverable
Prep Batch: 867926

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Zinc	<0.0200			<0.0200		mg/L				NC	20

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-866941/1
Matrix: Water
Analysis Batch: 866941

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.00		1.00	0.231	mg/L			05/17/26 14:20	1

Lab Sample ID: LCS 500-866941/2
Matrix: Water
Analysis Batch: 866941

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			4.12	4.416		mg/L		107	80 - 120		

Lab Sample ID: LCSD 500-866941/3
Matrix: Water
Analysis Batch: 866941

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide			4.12	4.448		mg/L		108	80 - 120	1	20

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 310-489570/11
Matrix: Water
Analysis Batch: 489570

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<1.00		1.00	0.500	mg/L			05/19/26 19:37	1

Lab Sample ID: LCS 310-489570/12
Matrix: Water
Analysis Batch: 489570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			9.99	10.33		mg/L		103	85 - 115		

Lab Sample ID: MB 310-489702/11
Matrix: Water
Analysis Batch: 489702

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<1.00		1.00	0.500	mg/L			05/20/26 22:11	1

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 310-489702/12
Matrix: Water
Analysis Batch: 489702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			9.99	10.40		mg/L		104	85 - 115		

Lab Sample ID: MB 310-489834/11
Matrix: Water
Analysis Batch: 489834

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	<1.00		1.00	0.500	mg/L			05/21/26 21:57	1

Lab Sample ID: LCS 310-489834/12
Matrix: Water
Analysis Batch: 489834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			9.99	9.290		mg/L		93	85 - 115		

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-488976/1
Matrix: Water
Analysis Batch: 488976

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/14/26 11:22	1

Lab Sample ID: LCS 310-488976/2
Matrix: Water
Analysis Batch: 488976

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	108.0		mg/L		108	82 - 117		

Lab Sample ID: 310-332023-12 DU
Matrix: Water
Analysis Batch: 488976

Client Sample ID: MW-1A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	76.5			76.00		mg/L				0.7	35

Lab Sample ID: MB 310-489111/1
Matrix: Water
Analysis Batch: 489111

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<5.00		5.00	2.80	mg/L			05/15/26 10:50	1

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: LCS 310-489111/2
Matrix: Water
Analysis Batch: 489111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	101.0		mg/L		101	82 - 117		

Lab Sample ID: 310-332023-1 DU
Matrix: Water
Analysis Batch: 489111

Client Sample ID: MW-207A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	66.0			67.00		mg/L				2	35

Lab Sample ID: 310-332023-4 DU
Matrix: Water
Analysis Batch: 489111

Client Sample ID: Dup-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	52.0			51.00		mg/L				2	35

GC/MS VOA

Analysis Batch: 489162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-1	MW-207A	Total/NA	Water	8260D	
310-332023-3	MW-206A	Total/NA	Water	8260D	
310-332023-4	Dup-2	Total/NA	Water	8260D	
310-332023-5	MW-6B	Total/NA	Water	8260D	
310-332023-6	MW-211B	Total/NA	Water	8260D	
310-332023-10	MW-212A	Total/NA	Water	8260D	
310-332023-11	MW-209B	Total/NA	Water	8260D	
310-332023-12	MW-1A	Total/NA	Water	8260D	
310-332023-13	MW-2A-97	Total/NA	Water	8260D	
310-332023-14	Trip Blank	Total/NA	Water	8260D	
310-332023-15	Trip Blank	Total/NA	Water	8260D	
310-332023-16	Trip Blank	Total/NA	Water	8260D	
MB 310-489162/5	Method Blank	Total/NA	Water	8260D	
LCS 310-489162/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-489162/7	Lab Control Sample	Total/NA	Water	8260D	
310-332023-1 MS	MW-207A	Total/NA	Water	8260D	
310-332023-1 MSD	MW-207A	Total/NA	Water	8260D	

Analysis Batch: 489234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-7	MW-16A	Total/NA	Water	8260D	
310-332023-8	Dup-1	Total/NA	Water	8260D	
310-332023-9	MW-18A-07	Total/NA	Water	8260D	
MB 310-489234/5	Method Blank	Total/NA	Water	8260D	
LCS 310-489234/6	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-489234/7	Lab Control Sample	Total/NA	Water	8260D	

HPLC/IC

Analysis Batch: 489134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-1	MW-207A	Total/NA	Water	9056A	
310-332023-3	MW-206A	Total/NA	Water	9056A	
310-332023-5	MW-6B	Total/NA	Water	9056A	
310-332023-5	MW-6B	Total/NA	Water	9056A	
310-332023-6	MW-211B	Total/NA	Water	9056A	
310-332023-7	MW-16A	Total/NA	Water	9056A	
310-332023-9	MW-18A-07	Total/NA	Water	9056A	
310-332023-9	MW-18A-07	Total/NA	Water	9056A	
310-332023-10	MW-212A	Total/NA	Water	9056A	
310-332023-10	MW-212A	Total/NA	Water	9056A	
310-332023-11	MW-209B	Total/NA	Water	9056A	
310-332023-12	MW-1A	Total/NA	Water	9056A	
310-332023-12	MW-1A	Total/NA	Water	9056A	
310-332023-13	MW-2A-97	Total/NA	Water	9056A	
310-332023-13	MW-2A-97	Total/NA	Water	9056A	
MB 310-489134/3	Method Blank	Total/NA	Water	9056A	
LCS 310-489134/4	Lab Control Sample	Total/NA	Water	9056A	

LCMS

Analysis Batch: 820190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-7	MW-16A	Total/NA	Water	8321B	820243
310-332023-11	MW-209B	Total/NA	Water	8321B	820243
MB 410-820243/1-A	Method Blank	Total/NA	Water	8321B	820243
LCS 410-820243/2-A	Lab Control Sample	Total/NA	Water	8321B	820243
LCSD 410-820243/3-A	Lab Control Sample Dup	Total/NA	Water	8321B	820243

Prep Batch: 820243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-7	MW-16A	Total/NA	Water	8321B	
310-332023-11	MW-209B	Total/NA	Water	8321B	
MB 410-820243/1-A	Method Blank	Total/NA	Water	8321B	
LCS 410-820243/2-A	Lab Control Sample	Total/NA	Water	8321B	
LCSD 410-820243/3-A	Lab Control Sample Dup	Total/NA	Water	8321B	

Metals

Prep Batch: 867768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-1	MW-207A	Total Recoverable	Water	3005A	
310-332023-3	MW-206A	Total Recoverable	Water	3005A	
310-332023-4	Dup-2	Total Recoverable	Water	3005A	
310-332023-5	MW-6B	Total Recoverable	Water	3005A	
310-332023-6	MW-211B	Total Recoverable	Water	3005A	
310-332023-7	MW-16A	Total Recoverable	Water	3005A	
310-332023-8	Dup-1	Total Recoverable	Water	3005A	
310-332023-9	MW-18A-07	Total Recoverable	Water	3005A	
310-332023-10	MW-212A	Total Recoverable	Water	3005A	
310-332023-11	MW-209B	Total Recoverable	Water	3005A	
310-332023-12	MW-1A	Total Recoverable	Water	3005A	
310-332023-13	MW-2A-97	Total Recoverable	Water	3005A	
MB 500-867768/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-867768/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 867904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-1	MW-207A	Total Recoverable	Water	6020B	867768
310-332023-3	MW-206A	Total Recoverable	Water	6020B	867768
310-332023-4	Dup-2	Total Recoverable	Water	6020B	867768
310-332023-5	MW-6B	Total Recoverable	Water	6020B	867768
310-332023-5	MW-6B	Total Recoverable	Water	6020B	867768
310-332023-6	MW-211B	Total Recoverable	Water	6020B	867768
310-332023-6	MW-211B	Total Recoverable	Water	6020B	867768
310-332023-7	MW-16A	Total Recoverable	Water	6020B	867768
310-332023-8	Dup-1	Total Recoverable	Water	6020B	867768
310-332023-9	MW-18A-07	Total Recoverable	Water	6020B	867768
310-332023-10	MW-212A	Total Recoverable	Water	6020B	867768
310-332023-10	MW-212A	Total Recoverable	Water	6020B	867768
310-332023-11	MW-209B	Total Recoverable	Water	6020B	867768
310-332023-11	MW-209B	Total Recoverable	Water	6020B	867768
310-332023-12	MW-1A	Total Recoverable	Water	6020B	867768
310-332023-13	MW-2A-97	Total Recoverable	Water	6020B	867768

Metals (Continued)

Analysis Batch: 867904 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-867768/1-A	Method Blank	Total Recoverable	Water	6020B	867768
LCS 500-867768/2-A	Lab Control Sample	Total Recoverable	Water	6020B	867768

Analysis Batch: 867916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-3	MW-206A	Total Recoverable	Water	6020B	867768
310-332023-5	MW-6B	Total Recoverable	Water	6020B	867768
MB 500-867768/1-A	Method Blank	Total Recoverable	Water	6020B	867768
LCS 500-867768/2-A	Lab Control Sample	Total Recoverable	Water	6020B	867768

Prep Batch: 867926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-6	MW-211B	Total Recoverable	Water	3005A	
310-332023-8	Dup-1	Total Recoverable	Water	3005A	
310-332023-9	MW-18A-07	Total Recoverable	Water	3005A	
310-332023-12	MW-1A	Total Recoverable	Water	3005A	
310-332023-13	MW-2A-97	Total Recoverable	Water	3005A	
MB 500-867926/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-867926/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
310-332023-12 MS	MW-1A	Total Recoverable	Water	3005A	
310-332023-12 MSD	MW-1A	Total Recoverable	Water	3005A	
310-332023-12 DU	MW-1A	Total Recoverable	Water	3005A	

Analysis Batch: 868063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-6	MW-211B	Total Recoverable	Water	6020B	867926
310-332023-8	Dup-1	Total Recoverable	Water	6020B	867926
310-332023-9	MW-18A-07	Total Recoverable	Water	6020B	867926
310-332023-12	MW-1A	Total Recoverable	Water	6020B	867926
310-332023-13	MW-2A-97	Total Recoverable	Water	6020B	867926
MB 500-867926/1-A	Method Blank	Total Recoverable	Water	6020B	867926
LCS 500-867926/2-A	Lab Control Sample	Total Recoverable	Water	6020B	867926
310-332023-12 MS	MW-1A	Total Recoverable	Water	6020B	867926
310-332023-12 MSD	MW-1A	Total Recoverable	Water	6020B	867926
310-332023-12 DU	MW-1A	Total Recoverable	Water	6020B	867926

General Chemistry

Analysis Batch: 488976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-9	MW-18A-07	Total/NA	Water	I-3765-85	
310-332023-10	MW-212A	Total/NA	Water	I-3765-85	
310-332023-12	MW-1A	Total/NA	Water	I-3765-85	
310-332023-13	MW-2A-97	Total/NA	Water	I-3765-85	
MB 310-488976/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-488976/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-332023-12 DU	MW-1A	Total/NA	Water	I-3765-85	

Analysis Batch: 489111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-1	MW-207A	Total/NA	Water	I-3765-85	

General Chemistry (Continued)

Analysis Batch: 489111 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-3	MW-206A	Total/NA	Water	I-3765-85	
310-332023-4	Dup-2	Total/NA	Water	I-3765-85	
310-332023-5	MW-6B	Total/NA	Water	I-3765-85	
310-332023-6	MW-211B	Total/NA	Water	I-3765-85	
310-332023-7	MW-16A	Total/NA	Water	I-3765-85	
310-332023-8	Dup-1	Total/NA	Water	I-3765-85	
310-332023-11	MW-209B	Total/NA	Water	I-3765-85	
MB 310-489111/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-489111/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-332023-1 DU	MW-207A	Total/NA	Water	I-3765-85	
310-332023-4 DU	Dup-2	Total/NA	Water	I-3765-85	

Analysis Batch: 489570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-6	MW-211B	Total/NA	Water	9060A	
310-332023-7	MW-16A	Total/NA	Water	9060A	
310-332023-9	MW-18A-07	Total/NA	Water	9060A	
310-332023-10	MW-212A	Total/NA	Water	9060A	
310-332023-11	MW-209B	Total/NA	Water	9060A	
310-332023-12	MW-1A	Total/NA	Water	9060A	
MB 310-489570/11	Method Blank	Total/NA	Water	9060A	
LCS 310-489570/12	Lab Control Sample	Total/NA	Water	9060A	

Analysis Batch: 489702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-1	MW-207A	Total/NA	Water	9060A	
310-332023-3	MW-206A	Total/NA	Water	9060A	
MB 310-489702/11	Method Blank	Total/NA	Water	9060A	
LCS 310-489702/12	Lab Control Sample	Total/NA	Water	9060A	

Analysis Batch: 489834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-5	MW-6B	Total/NA	Water	9060A	
310-332023-13	MW-2A-97	Total/NA	Water	9060A	
MB 310-489834/11	Method Blank	Total/NA	Water	9060A	
LCS 310-489834/12	Lab Control Sample	Total/NA	Water	9060A	

Analysis Batch: 866941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-332023-2	MW-18AR	Total/NA	Water	9034	
310-332023-11	MW-209B	Total/NA	Water	9034	
MB 500-866941/1	Method Blank	Total/NA	Water	9034	
LCS 500-866941/2	Lab Control Sample	Total/NA	Water	9034	
LCSD 500-866941/3	Lab Control Sample Dup	Total/NA	Water	9034	

Lab Chronicle

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-207A
Lab Sample ID: 310-332023-1
Date Collected: 05/12/26 12:13
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 11:43
Total/NA	Analysis	9056A		1	489134	HE7K	EET CF	05/14/26 07:57
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 18:25
Total/NA	Analysis	9060A		1	489702	WZC8	EET CF	05/21/26 03:36
Total/NA	Analysis	I-3765-85		1	489111	DGU1	EET CF	05/15/26 10:50

Client Sample ID: MW-18AR
Lab Sample ID: 310-332023-2
Date Collected: 05/12/26 12:41
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9034		1	866941	TR	EET CHI	05/18/26 09:19 - 05/18/26 12:02 [1]

Client Sample ID: MW-206A
Lab Sample ID: 310-332023-3
Date Collected: 05/12/26 10:17
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 12:06
Total/NA	Analysis	9056A		1	489134	HE7K	EET CF	05/14/26 07:44
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867916	S1Z	EET CHI	05/23/26 18:30
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 18:27
Total/NA	Analysis	9060A		1	489702	WZC8	EET CF	05/21/26 05:24
Total/NA	Analysis	I-3765-85		1	489111	DGU1	EET CF	05/15/26 10:50

Client Sample ID: Dup-2
Lab Sample ID: 310-332023-4
Date Collected: 05/12/26 08:22
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 12:29
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 18:30
Total/NA	Analysis	I-3765-85		1	489111	DGU1	EET CF	05/15/26 10:50

Client Sample ID: MW-6B
Lab Sample ID: 310-332023-5
Date Collected: 05/12/26 09:15
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 12:52

Lab Chronicle

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: MW-6B
Lab Sample ID: 310-332023-5
Date Collected: 05/12/26 09:15
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		1	489134	HE7K	EET CF	05/14/26 07:18
Total/NA	Analysis	9056A		5	489134	HE7K	EET CF	05/14/26 09:42
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867916	S1Z	EET CHI	05/23/26 18:43
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 18:32
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		5	867904	S1Z	EET CHI	05/22/26 18:35
Total/NA	Analysis	9060A		1	489834	WZC8	EET CF	05/22/26 03:21
Total/NA	Analysis	I-3765-85		1	489111	DGU1	EET CF	05/15/26 10:50

Client Sample ID: MW-211B
Lab Sample ID: 310-332023-6
Date Collected: 05/12/26 08:22
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 13:15
Total/NA	Analysis	9056A		1	489134	HE7K	EET CF	05/14/26 07:05
Total Recoverable	Prep	3005A			867926	MS	EET CHI	05/24/26 11:25 - 05/24/26 17:25 [1]
Total Recoverable	Analysis	6020B		1	868063	S1Z	EET CHI	05/26/26 11:48
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 18:38
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		5	867904	S1Z	EET CHI	05/22/26 18:41
Total/NA	Analysis	9060A		1	489570	WZC8	EET CF	05/20/26 07:39
Total/NA	Analysis	I-3765-85		1	489111	DGU1	EET CF	05/15/26 10:50

Client Sample ID: MW-16A
Lab Sample ID: 310-332023-7
Date Collected: 05/12/26 09:13
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489234	FE5V	EET CF	05/18/26 20:31
Total/NA	Analysis	9056A		1	489134	HE7K	EET CF	05/14/26 07:31
Total/NA	Prep	8321B			820243	CL6F	ELLE	05/19/26 14:44
Total/NA	Analysis	8321B		1	820190	F9DU	ELLE	05/19/26 20:33
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 18:43
Total/NA	Analysis	9060A		1	489570	WZC8	EET CF	05/20/26 08:15
Total/NA	Analysis	I-3765-85		1	489111	DGU1	EET CF	05/15/26 10:50

Client Sample ID: Dup-1
Lab Sample ID: 310-332023-8
Date Collected: 05/12/26 07:36
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489234	FE5V	EET CF	05/18/26 20:53
Total Recoverable	Prep	3005A			867926	MS	EET CHI	05/24/26 11:25 - 05/24/26 17:25 [1]
Total Recoverable	Analysis	6020B		1	868063	S1Z	EET CHI	05/26/26 11:51
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 18:51
Total/NA	Analysis	I-3765-85		1	489111	DGU1	EET CF	05/15/26 10:50

Client Sample ID: MW-18A-07
Lab Sample ID: 310-332023-9
Date Collected: 05/12/26 07:36
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489234	FE5V	EET CF	05/18/26 21:15
Total/NA	Analysis	9056A		1	489134	HE7K	EET CF	05/14/26 06:52
Total/NA	Analysis	9056A		5	489134	HE7K	EET CF	05/14/26 09:29
Total Recoverable	Prep	3005A			867926	MS	EET CHI	05/24/26 11:25 - 05/24/26 17:25 [1]
Total Recoverable	Analysis	6020B		1	868063	S1Z	EET CHI	05/26/26 11:54
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 18:53
Total/NA	Analysis	9060A		1	489570	WZC8	EET CF	05/20/26 12:27
Total/NA	Analysis	I-3765-85		1	488976	HE7K	EET CF	05/14/26 11:22

Client Sample ID: MW-212A
Lab Sample ID: 310-332023-10
Date Collected: 05/12/26 13:30
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 14:46
Total/NA	Analysis	9056A		1	489134	HE7K	EET CF	05/14/26 08:10
Total/NA	Analysis	9056A		100	489134	HE7K	EET CF	05/14/26 10:00
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 18:56
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		5	867904	S1Z	EET CHI	05/22/26 18:59
Total/NA	Analysis	9060A		1	489570	WZC8	EET CF	05/20/26 13:03
Total/NA	Analysis	I-3765-85		1	488976	HE7K	EET CF	05/14/26 11:22

Client Sample ID: MW-209B
Lab Sample ID: 310-332023-11
Date Collected: 05/12/26 14:01
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 15:09
Total/NA	Analysis	9056A		1	489134	HE7K	EET CF	05/14/26 08:23

Client Sample ID: MW-209B
Lab Sample ID: 310-332023-11

Date Collected: 05/12/26 14:01
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8321B			820243	CL6F	ELLE	05/19/26 14:44
Total/NA	Analysis	8321B		1	820190	F9DU	ELLE	05/19/26 20:43
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 19:01
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		5	867904	S1Z	EET CHI	05/22/26 19:04
Total/NA	Analysis	9034		1	866941	TR	EET CHI	05/18/26 01:11 - 05/18/26 03:53 [1]
Total/NA	Analysis	9060A		1	489570	WZC8	EET CF	05/20/26 13:39
Total/NA	Analysis	I-3765-85		1	489111	DGU1	EET CF	05/15/26 10:50

Client Sample ID: MW-1A
Lab Sample ID: 310-332023-12

Date Collected: 05/12/26 14:41
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 15:33
Total/NA	Analysis	9056A		1	489134	HE7K	EET CF	05/14/26 08:36
Total/NA	Analysis	9056A		5	489134	HE7K	EET CF	05/14/26 10:13
Total Recoverable	Prep	3005A			867926	MS	EET CHI	05/24/26 11:25 - 05/24/26 17:25 [1]
Total Recoverable	Analysis	6020B		1	868063	S1Z	EET CHI	05/26/26 11:57
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 19:07
Total/NA	Analysis	9060A		1	489570	WZC8	EET CF	05/20/26 14:15
Total/NA	Analysis	I-3765-85		1	488976	HE7K	EET CF	05/14/26 11:22

Client Sample ID: MW-2A-97
Lab Sample ID: 310-332023-13

Date Collected: 05/12/26 15:05
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 15:55
Total/NA	Analysis	9056A		1	489134	HE7K	EET CF	05/14/26 08:50
Total/NA	Analysis	9056A		5	489134	HE7K	EET CF	05/14/26 10:26
Total Recoverable	Prep	3005A			867926	MS	EET CHI	05/24/26 11:25 - 05/24/26 17:25 [1]
Total Recoverable	Analysis	6020B		1	868063	S1Z	EET CHI	05/26/26 12:20
Total Recoverable	Prep	3005A			867768	BDE	EET CHI	05/22/26 07:42 - 05/22/26 13:42 [1]
Total Recoverable	Analysis	6020B		1	867904	S1Z	EET CHI	05/22/26 19:09
Total/NA	Analysis	9060A		1	489834	WZC8	EET CF	05/22/26 05:09
Total/NA	Analysis	I-3765-85		1	488976	HE7K	EET CF	05/14/26 11:22

Lab Chronicle

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

Client Sample ID: Trip Blank
Lab Sample ID: 310-332023-14
Date Collected: 05/12/26 00:00
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 09:03

Client Sample ID: Trip Blank
Lab Sample ID: 310-332023-15
Date Collected: 05/12/26 00:00
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 09:26

Client Sample ID: Trip Blank
Lab Sample ID: 310-332023-16
Date Collected: 05/12/26 00:00
Matrix: Water
Date Received: 05/14/26 08:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	489162	FE5V	EET CF	05/16/26 09:49

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-27

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	082	05-01-28

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-27
Alaska	State	PA00009	06-30-26
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-27
Arkansas DEQ	State	88-00660	08-09-26
California	State	2792	01-31-27
Colorado	State	PA00009	06-30-26
Connecticut	State	PH-0746	06-30-27
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-27
Delaware (DW)	State	N/A	01-31-27
Florida	NELAP	E87997	06-30-26
Georgia (DW)	State	C048	01-31-27
Illinois	NELAP	200027	01-31-27
Iowa	State	361	03-01-28
Kansas	NELAP	E-10151	05-20-26
Kentucky (DW)	State	KY90088	12-31-26
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-26
Louisiana (All)	NELAP	02055	06-30-26
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-27
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-27
Minnesota	NELAP	042-999-487	12-31-26
Mississippi	State	023	01-31-27
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-27
Nebraska	State	NE-OS-32-17	01-31-27
New Hampshire	NELAP	2730	01-10-27
New Jersey	NELAP	PA011	06-30-26
New York	NELAP	10670	04-01-27
North Carolina (DW)	State	42705	07-31-26
North Carolina (WW/SW)	State	521	01-03-27

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Dakota	State	R-205	01-31-24 *
Ohio	State	87787	01-31-27
Oklahoma	NELAP	9804	12-13-26
Oregon	NELAP	PA200001	09-11-26
Pennsylvania	NELAP	36-00037	01-31-27
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-31-26
South Carolina	State	89002	01-31-27
Tennessee	State	02838	01-31-27
Texas	NELAP	T104704194-23-46	08-31-26
USDA	US Federal Programs	525-22-298-19481	05-08-29
Vermont	State	VT - 36037	10-28-26
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-27
West Virginia (DW)	State	9906 C	01-31-27
West Virginia DEP	State	055	07-31-26
Wyoming	State	8TMS-L	01-31-27
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: HDR Inc
Project/Site: Iowa City Landfill Spring 2026

Job ID: 310-332023-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
9056A	Anions, Ion Chromatography	SW846	EET CF
8321B	Herbicides (LC/MS)	SW846	ELLE
6020B	Metals (ICP/MS)	SW846	EET CHI
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	EET CHI
9060A	Organic Carbon, Total (TOC)	SW846	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CF
8321B	Extraction of Chlorinated Phenoxyacid Herbicides	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

eurofins | Environment Testing America

310-332023 Chain of Custody

Cooler/Sample Receipt and Temperature

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 9.13.26 | TIME 1650 | Received By: PH

Delivery Type. ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other: _____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID.

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 1 of 3

Cooler Custody Seals Present? ☐ Yes ☑ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☑ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

TB1, MW207A, DUP2, MW206A, MW209B

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other. _____ ☐ NONE

Thermometer ID: BB | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C). | Corrected Temp (°C).

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:	PL250 N	
Uncorrected Temp (°C):	2.9	
Corrected Temp (°C):	2.9	

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State. CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 9.13.26 | TIME 1650 | Received By: PH

Delivery Type ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other: _____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID.

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 2 of 3

Cooler Custody Seals Present? ☐ Yes ☑ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☑ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☑ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

TB2, MW211B, MW2A97, MW18R, MW1A

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: _____ ☐ NONE

Thermometer ID: BB | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C). | Corrected Temp (°C):

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used.	PL 1L	
Uncorrected Temp (°C):	2.8	
Corrected Temp (°C):	2.8	

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

eurofins | Environment Testing America

Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY | STATE | Project:

Receipt Information

Date/Time Received: DATE 9.13.26 | TIME 1650 | Received By: PH

Delivery Type: ☐ UPS ☐ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☑ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☑ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☑ Yes ☐ No *If yes:* Cooler # 3 of 3

Cooler Custody Seals Present? ☐ Yes ☑ No *If yes:* Cooler custody seals intact? ☐ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☑ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

TB3, MW212A, DUP1, MW16A, MW1807

Temperature Record

Coolant: ☑ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other._____ ☐ NONE

Thermometer ID: BB | Correction Factor (°C): 0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C) | Corrected Temp (°C).

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used.	RL2L	
Uncorrected Temp (°C):	1.9	
Corrected Temp (°C):	1.9	

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

Client Information	Sampler: Joel Fuhrmeister	Lab PM: Calhoun Conner M	Carrier Tracking No(s):	COC No: 310-120130-28018 1
Client Contact: Richard Wilson	Phone: 319-936-5194	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of
Company: HDR Inc	PWSID:	Analysis Requested		Job #:
Address: 1917 S 67th Street	Due Date Requested:			Preservation Codes: A HCL, N None, D HNO3, B NaOH, CB ZnAcetate/NaOH
City: Omaha	TAT Requested (days):			
State, Zip: NE, 68106	Compliance Project: ☐ Yes ☐ No			
Phone: 402-392-6714(Tel)	PO #: RFP23-14			
Email: richard.wilson2@hdrinc.com	WO #:			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I (Metals + VOC)	Appendix II- Full List	TSS	6020 (Metals List)	9034- Sulfide	8260D Dichlorodifluoromethane	8151 Silvex (2,4,5-TP)	PCB 1221	Total Cyanide	8270- Bis[2-ethylhexyl]phthalate	Natural Attenuation- NITRATE, Sulfate, TOC, Fe, Mn	Total Number of containers	Special Instructions/Note:
			Preservation Code:																
MW-207A	5-12-26	1213	G	Water			X		X								X		Appendix I Total Metals, VOCs
MW-18AR	5-12-26	1241	G	Water							X								Appendix II VOCs, SVOCs, Nonhalogenated Organics, Pests, PCBs, Herbs, Metals
MW-206A	5-12-26	10:17	G	Water			X		X								X		Natural Attenuation: Nitrate, Sulfate, TOC, Fe, Mn
Dup-2	5-12-26	8:22	G	Water			X		X										6020 Metals: As, Ba, Co, Cu, Pb Ni
MW-6B	5-12-26	9:15	G	Water			X		X								X		Short Hold Nitrate (Natural Attenuation)
MW-211B	5-12-26	8:22	G	Water			X		X								X		
MW-16A	5-12-26	9:13	G	Water			X		X				X				X		
Dup-1	5-12-26	7:36	G	Water			X		X										
MW-18A-07	5-12-26	7:36	G	Water			X		X								X		
MW-212A	5-12-26	1330	G	Water			X		X								X		
MW-209B	5-12-26	1401	G	Water			X		X		X		X				X		

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological	Return To Client Disposal By Lab Archive For Months
Deliverable Requested: I II III IV Other (specify)	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 5-13-26 1412	Company: CEC	Received by: James Vaux
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: 5/13/26 1412	Company: Eurofins
Date/Time: 5-13-26 1650	Company
Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) oC and Other Remarks:

Ver: 05/06/2024

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

Client Information	Sampler: Joel Fuhrmeister	Lab PM: Calhoun Conner M	Carrier Tracking No(s):	COC No: 310-120130-28018.1
Client Contact: Richard Wilson	Phone: 319-936-5PH	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin:	Page: Page 1 of
Company: HDR Inc	PWSID:			Job #:
Address: 1917 S 67th Street	Due Date Requested			
City: Omaha	TAT Requested (days)			
State, Zip: NE, 68106	Compliance Project: Δ Yes Δ No			
Phone: 402-392-6714(Tel)	PO #: RFP23-14			
Email: richard.wilson2@hdrinc.com	WO #:			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site:	SSOW#:			

Analysis Requested

Preservation Codes.
A HCL
N None
D HNO3
B NaOH
CB ZnAcetate/NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I (Metals + VOC)	Appendix II- Full List	TSS	6020 (Metals List)	9034- Sulfide	8260D Dichlorodifluoromethane	8151 Silvex (2,4,5-TP)	PCB 1221	Total Cyanide	8270- Bis[2-ethylhexyl]phthalate	Natural Attenuation- NITRATE, Sulfate, TOC Fe, Mn		Total Number of containers	Special Instructions/Note
			Preservation Code:																	
MW-1A	5-12-26	1441	G	Water			X		X								X			Appendix I Total Metals, VOCs
MW-2A-97	5-12-26	1505	G	Water			X		X								X			Appendix I VOCs, SVOCs, Nonhalogenated Organics, Pests, PCBs, Herbs, Metals
				Water																Natural Attenuation: Nitrate, Sulfate, TOC, Fe, Mn
				Water																6020 Metals: As, Ba, Co, Cu, Pb Ni
				Water																Short Hold Nitrate (Natural Attenuation)
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																

Possible Hazard Identification
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client Disposal By Lab Archive For Months

Deliverable Requested I II, III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 5-13-26 1442	Company: CEIC	Received by: James Brux	Date/Time: 5/13/26 1442	Company: Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5.13-26 1650	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) oC and Other Remarks:

Ver: 05/06/2024

5/26/2026

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-94283.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): State - Iowa; State Program - Iowa		Job #: 310-332023-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 5/26/2026			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:
-

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8321B_Herb/8321B_W_PrepSilvex	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-16A (310-332023-7)	5/12/26	09:13 Central	G	Water			X	2	
MW-209B (310-332023-11)	5/12/26	14:01 Central	G	Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		5/14/26 1200				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/15/26 1005	Company ECLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R56 C:54

Ver: 03/20/2026

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-94283.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): State - Iowa; State Program - Iowa		Job #: 310-332023-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 5/26/2026			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8321B_Herb/8321B_W_PrepSilvex	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-16A (310-332023-7)	5/12/26	09:13 Central	G	Water			X	2	
MW-209B (310-332023-11)	5/12/26	14:01 Central	G	Water			X	2	

Analysis Requested

Preservation Codes:
-

Other:
N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 5/15/26 1105	Company ECET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R56 C:54

Ver: 03/20/2026

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-94287 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 1 of 2
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa; State Program Iowa		Job #: 310-332023-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 5/26/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site: N/A	SSOW#: N/A			

310-332023 COC

Analysis Requested

Preservation Codes.

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005A(MOD) Appendix I Metals + Iron, Manganes	9034_Calc	6020B/3005A(MOD) Appendix I Metals by ICP/MS	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-207A (310-332023-1)	5/12/26	12:13 Central	G	Water			X			1	
MW-18AR (310-332023-2)	5/12/26	12:41 Central	G	Water				X		1	
MW-206A (310-332023-3)	5/12/26	10:17 Central	G	Water			X			1	
Dup-2 (310-332023-4)	5/12/26	08:22 Central	G	Water					X	1	
MW-6B (310-332023-5)	5/12/26	09:15 Central	G	Water			X			1	
MW-211B (310-332023-6)	5/12/26	08:22 Central	G	Water			X			1	
MW-16A (310-332023-7)	5/12/26	09:13 Central	G	Water			X			1	
Dup-1 (310-332023-8)	5/12/26	07:36 Central	G	Water					X	1	
MW-18A-07 (310-332023-9)	5/12/26	07:36 Central	G	Water			X			1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	5/14/26 1255		Received by:	5/15/26 0850	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 0.6-76.5

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone: 319-277-2401 Fax: 319-277-2425

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Calhoun, Conner M	Carrier Tracking No(s): N/A	COC No: 310-94287.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Conner.Calhoun@et.eurofinsus.com	State of Origin: Iowa	Page: Page 2 of 2
Company: Eurofins Environment Testing North Centr		Accreditations Required (See note): State Iowa; State Program Iowa		Job #: 310-332023-1
Address: 18410 Crossing Drive, Suite E,	Due Date Requested: 5/26/2026			
City: Tinley Park	TAT Requested (days): N/A			
State, Zip: IL, 60487				
Phone: 708-534-5200(Tel) 708-534-5211(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Iowa City Landfill Spring 2026	Project #: 31018052			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005A(MOD) Appendix I Metals + Iron, Manganes	9034_Calc	6020B/3005A(MOD) Appendix I Metals by ICP/MS	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-212A (310-332023-10)	5/12/26	13:30 Central	G	Water			X			1	
MW-209B (310-332023-11)	5/12/26	14:01 Central	G	Water			X	X		2	
MW-1A (310-332023-12)	5/12/26	14:41 Central	G	Water			X			1	
MW-2A-97 (310-332023-13)	5/12/26	15:05 Central	G	Water			X			1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5/14/26 1255			5/15/26 0850	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-332023-1
SDG Number:

Login Number: 332023
List Number: 1
Creator: Homolar, Dana J

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-332023-1
SDG Number:

Login Number: 332023
List Number: 2
Creator: Scott, Sherri L

List Source: Eurofins Chicago
List Creation: 05/15/26 11:36 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-332023-1
SDG Number:

Login Number: 332023
List Number: 3
Creator: Williams, Aeric

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 05/16/26 02:08 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Quantitation Limit Exceptions Summary

Client: HDR Inc
Job ID: 310-332023-1
Project/Site: Iowa City Landfill Spring 2026

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260D	1,2-Dibromo-3-Chloropropane	Water	Total/NA	ug/L	1.20	5.0
8260D	1,2-Dibromoethane (EDB)	Water	Total/NA	ug/L	0.340	1.0

Appendix D

Historical Groundwater Analytical Data Summary

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Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/7/2009							<1	<1	<20	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/2/2009							<1	<1	<10	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/25/2009	<2	<5	<2	<2	<2	<2	<2	<2	<20	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/2/2010							<4	<4	<40	<5
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2010							<2	<2	<2	<2
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/10/2010	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<2.1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/23/2018					<1		<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2018				<1				<1		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/25/2018			<1						<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/27/2018	<1	<1								
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/9/2024			<1.00					<1.00	<1.00	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2024	<1.00	<1.00								
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2025	<1.00	<1.00								
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/20/2025					<1.00	<1.00			<1.00	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2025				<1.00			<1.00	<1.00		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/24/2025	<1.00	<1.00								
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/4/2026				<1.00						
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	2/27/2008	<1	<1	<1	<1	<1	14.7				
1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2008	<1	<1	<1	<1	<1	14.4				
1,1,1-Trichloroethane	71-55-6	ug/L	7/13/2008	<1	<1	<1	<1	<1	12.1				
1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2008	<1	<1	<1	<1	<1	14.3				
1,1,1-Trichloroethane	71-55-6	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2009	<1	<1	<1	<1	<1	18				
1,1,1-Trichloroethane	71-55-6	ug/L	7/7/2009						16.2	<1	<1	<20	<1
1,1,1-Trichloroethane	71-55-6	ug/L	9/2/2009						18.2	<1	<1	<10	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/25/2009	<1	<1	<1	<1	<1	16.8	<1	<1	<10	<1
1,1,1-Trichloroethane	71-55-6	ug/L	1/2/2010						16.3	<4	<4	<40	<10
1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2010							<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	5/10/2010	<1	<4	<4	<4	<4	17.2	<4	<4	<20	<4
1,1,1-Trichloroethane	71-55-6	ug/L	11/1/2010	<1	<1	<1	<1	<1	21.8	<1	<1	<5	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/13/2011	<1	<1	<1	<1	<1	21.1	<1	<1	<5	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	<1	<1	<1	<1	<1	17.4	<1	<1	<10	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2012	<1	<1	<1	<1	<1	14.6	<1	<1	<10	<1
1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2013	<1	<1	<1	<1	<1	16.6	<1	<1	<1.2	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2013		<1	<1	<1	<1	14.7	<1	<1		<1
1,1,1-Trichloroethane	71-55-6	ug/L	6/2/2014	<1	<1	<1	<1	<1	14.2	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/15/2014	<1	<1	<1	<1	<1	16.3	<1	<1	<10	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/6/2015	<1	<1	<1	<1	<1	12.9	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/5/2015	<1	<1	<1	<1	<1	9.85	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/4/2016	<1	<1	<1	<1	<1	6.29	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2016	<1	<1	<1	<1	<1	9.28	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2017	<1	<1	<1	<1	<1	2.81	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/23/2018					<1		<1			
1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2018				<1				<1		
1,1,1-Trichloroethane	71-55-6	ug/L	4/25/2018			<1						<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/27/2018	<1	<1								
1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2018	<1	<1	<1	<1	<1	4.42	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2019	<1	<1	<1	<1	<1	1.12	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2019	<1	<1	<1	<1	<1	0.932J	<1	<1	<10	<1
1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2020	<1	<1	<1	<1	<1	0.334J	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/9/2024			<1.00					<1.00	<1.00	
1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2024	<1.00	<1.00								
1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2025	<1.00	<1.00								
1,1,1-Trichloroethane	71-55-6	ug/L	10/20/2025					<1.00	<1.00			<1.00	
1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2025				<1.00			<1.00	<1.00		
1,1,1-Trichloroethane	71-55-6	ug/L	10/24/2025	<1.00	<1.00								
1,1,1-Trichloroethane	71-55-6	ug/L	5/4/2026				<1.00						
1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/7/2009							<1	<1	<20	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/2/2009							<1	<1	<10	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/2/2010							<1	<1	<10	<1

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2010							<2	<2	<2	<2
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/10/2010	<4	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/23/2018					<1		<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2018				<1				<1		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/25/2018			<1						<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/27/2018	<1	<1								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/9/2024			<1.00					<1.00	<1.00	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2024	<1.00	<1.00								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2025	<1.00	<1.00								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/20/2025					<1.00	<1.00			<1.00	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2025				<1.00			<1.00	<1.00		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/24/2025	<1.00	<1.00								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/4/2026				<1.00						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	7/7/2009							<1	<1	<20	<1
1,1,2-Trichloroethane	79-00-5	ug/L	9/2/2009							<1	<1	<10	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
1,1,2-Trichloroethane	79-00-5	ug/L	1/2/2010							<1	<1	<10	<1
1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2010							<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,1,2-Trichloroethane	79-00-5	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

Table 9A
Analytical Data Summary - Source Characterization Wells
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Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2012	<1	<1	<1	<1	<1	<2	<1	<1	<10	<1
1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1.2	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
1,1,2-Trichloroethane	79-00-5	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/23/2018					<1		<1			
1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2018				<1				<1		
1,1,2-Trichloroethane	79-00-5	ug/L	4/25/2018			<1						<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/27/2018	<1	<1								
1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/9/2024			<1.00					<1.00	<1.00	
1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2024	<1.00	<1.00								
1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2025	<1.00	<1.00								
1,1,2-Trichloroethane	79-00-5	ug/L	10/20/2025					<1.00	<1.00			<1.00	
1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2025				<1.00			<1.00	<1.00		
1,1,2-Trichloroethane	79-00-5	ug/L	10/24/2025	<1.00	<1.00								
1,1,2-Trichloroethane	79-00-5	ug/L	5/4/2026				<1.00						
1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	75-34-3	ug/L	2/27/2008	<1	<1	<1	1.2	14.5	6.16				
1,1-Dichloroethane	75-34-3	ug/L	5/12/2008	<1	<1	<1	1.67	7.11	8.39				
1,1-Dichloroethane	75-34-3	ug/L	7/13/2008	<1	<1	<1	1.66	8.6	11.4				
1,1-Dichloroethane	75-34-3	ug/L	9/14/2008	<1	<1	<1	1.33	15.7	15.4				
1,1-Dichloroethane	75-34-3	ug/L	11/17/2008	<1	<1	<1	1.39	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	4/14/2009	<1	<1	<1	<1	15	18.3				
1,1-Dichloroethane	75-34-3	ug/L	7/7/2009					15.5	25.9	27.9; 39	<1	<20	<1
1,1-Dichloroethane	75-34-3	ug/L	9/2/2009					14	25.2	40.2	<1	<10	<1
1,1-Dichloroethane	75-34-3	ug/L	10/25/2009	<1	<1	<1	<1	13.1	22.7	46.6	<1	<10	<1
1,1-Dichloroethane	75-34-3	ug/L	1/2/2010					13	30.9	44.7	<1	<10	<1
1,1-Dichloroethane	75-34-3	ug/L	3/3/2010							55.1	<1	1.17	<1
1,1-Dichloroethane	75-34-3	ug/L	5/10/2010	<1	<1	<1	<1	11.1	42.4	47.4	<1	<5	<1
1,1-Dichloroethane	75-34-3	ug/L	7/8/2010							45.5			
1,1-Dichloroethane	75-34-3	ug/L	9/13/2010							55.7			
1,1-Dichloroethane	75-34-3	ug/L	11/1/2010	<1	<1	<1	<1	14	60.4	57.4	<1	<5	<1
1,1-Dichloroethane	75-34-3	ug/L	1/10/2011							42.4			
1,1-Dichloroethane	75-34-3	ug/L	4/4/2011					13.3	68.6	39			
1,1-Dichloroethane	75-34-3	ug/L	10/13/2011	<1	<1	<1	<1	14.5	79.8	40.2	<1	<5	<1
1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	<1	<1	<1	<1	12.7	90.8	37.2	<1	<10	<1
1,1-Dichloroethane	75-34-3	ug/L	10/11/2012	<1	<1	<1	<1	18.6	84.6	44.9	<1	<10	<1

Table 9A
Analytical Data Summary - Source Characterization Wells
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,1-Dichloroethane	75-34-3	ug/L	3/30/2013	<1	<1	<1	<1	16.7	117	39.6	<1	<2.1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/7/2013		<1	<1	<1	14.4; 14.7	133	36.2	<1		<1
1,1-Dichloroethane	75-34-3	ug/L	6/2/2014	<1	<1	<1	<1	14.4	200	35.8	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/15/2014	<1	<1	<1	0.742J	14.3	238	47.2	<1	<10	<1
1,1-Dichloroethane	75-34-3	ug/L	4/6/2015	<1	<1	<1	0.802J	12.8	199	32.4	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/5/2015	<1	<1	<1	<1	18.1	218	37.5	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/4/2016	<1	<1	<1	0.829J	11.6	263	31.2	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/17/2016	<1	<1	<1	0.939J	18.3	540	39.6	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/17/2017	<1	<1	<1	0.616J	10.5	<1	35.3	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/11/2017	<1	<1	<1	0.727J	16	540	27.9	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/23/2018					13.1		28.6			
1,1-Dichloroethane	75-34-3	ug/L	4/24/2018				<1				<1		
1,1-Dichloroethane	75-34-3	ug/L	4/25/2018			<1						<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/27/2018	<1	<1								
1,1-Dichloroethane	75-34-3	ug/L	10/16/2018	<1	<1	<1	<1	13.4	359	23.6	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/16/2019	<1	<1	<1	0.535J	12.4	445	17.5	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/1/2019	<1	<1	<1	0.642J	15	537	29.5	<1	<10	<1
1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	<1	<1	<1	0.451J	10.4	427	16.4	<1	<5	<1
1,1-Dichloroethane	75-34-3	ug/L	10/7/2020	<1	<1	<1	0.421J	10	440	19.7	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/13/2021	<1	<1	<1	<1	6.2	448	12.9	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/20/2021	<1	<1	<1	0.4J	10.6		16.6	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	5/2/2022	<1	<1	<1	<1	7.7		14.5	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/14/2022	<1	<1	<1	<1	8.8		11.2	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	5/1/2023	<1	<1	<1	<1	7.15		12.7	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/16/2023	<1	<1	<1	<1	8.74		10.8	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/29/2024	<1	<1	<1	0.228J	7.73		9.25	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/9/2024			<1.00					<1.00	<1.00	
1,1-Dichloroethane	75-34-3	ug/L	10/10/2024				0.259J	7.77		3.13			<1.00
1,1-Dichloroethane	75-34-3	ug/L	10/14/2024	<1.00	<1.00								
1,1-Dichloroethane	75-34-3	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,1-Dichloroethane	75-34-3	ug/L	4/29/2025				<1.00	3.30	384	1.61			
1,1-Dichloroethane	75-34-3	ug/L	5/8/2025	<1.00	<1.00								
1,1-Dichloroethane	75-34-3	ug/L	10/20/2025					8.73	373			<1.00	
1,1-Dichloroethane	75-34-3	ug/L	10/21/2025				<1.00			6.12	<1.00		
1,1-Dichloroethane	75-34-3	ug/L	10/24/2025	<1.00	<1.00								
1,1-Dichloroethane	75-34-3	ug/L	5/4/2026				<1.00						
1,1-Dichloroethane	75-34-3	ug/L	5/12/2026	<1.00	<1.00	<1.00		6.85	297	10.0	<1.00	<1.00	<1.00
1,1-Dichloroethene	75-35-4	ug/L	2/27/2008	<2	<2	<2	<2	<2	9.87				
1,1-Dichloroethene	75-35-4	ug/L	5/12/2008	<2	<2	<2	<2	<2	10.4				
1,1-Dichloroethene	75-35-4	ug/L	7/13/2008	<2	<2	<2	<2	<2	6.79				
1,1-Dichloroethene	75-35-4	ug/L	9/14/2008	<2	<2	<2	<2	<2	8.73				
1,1-Dichloroethene	75-35-4	ug/L	11/17/2008	<2	<2	<2	<2	<2	7.4				
1,1-Dichloroethene	75-35-4	ug/L	4/14/2009	<2	<2	<2	<2	<2	9.63				
1,1-Dichloroethene	75-35-4	ug/L	7/7/2009						6.55	<2	<2	<40	<2
1,1-Dichloroethene	75-35-4	ug/L	9/2/2009						8.46	<2	<2	<20	<2
1,1-Dichloroethene	75-35-4	ug/L	10/25/2009	<2	<2	<2	<2	<2	8.93	<2	<2	<20	<2
1,1-Dichloroethene	75-35-4	ug/L	1/2/2010						12.2	<2	<2	<20	<2
1,1-Dichloroethene	75-35-4	ug/L	3/3/2010							<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	5/10/2010	<10	<2	<2	<2	<2	7.85	<2	<2	<10	<2
1,1-Dichloroethene	75-35-4	ug/L	11/1/2010	<2	<2	<2	<2	<2	11.2	<2	<2	<10	<2
1,1-Dichloroethene	75-35-4	ug/L	10/13/2011	<2	<2	<2	<2	<2	6.55	<2	<2	<10	<2
1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	<2	<2	<2	<2	<2	5.96	<2	<2	<20	<2
1,1-Dichloroethene	75-35-4	ug/L	10/11/2012	<2	<2	<2	<2	<2	5.31	<2	<2	<20	<2
1,1-Dichloroethene	75-35-4	ug/L	3/30/2013	<2	<2	<2	<2	<2	7.43	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/7/2013		<2	<2	<2	<2	6.94	<2	<2		<2
1,1-Dichloroethene	75-35-4	ug/L	6/2/2014	<2	<2	<2	<2	<2	6.53	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/15/2014	<2	<2	<2	<2	<2	7.67	<2	<2	<20	<2
1,1-Dichloroethene	75-35-4	ug/L	4/6/2015	<2	<2	<2	<2	<2	6.78	<2	<2	<2	<2

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,1-Dichloroethene	75-35-4	ug/L	10/5/2015	<2	<2	<2	<2	<2	4.93	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/4/2016	<2	<2	<2	<2	<2	6.62	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/17/2016	<2	<2	<2	<2	<2	10	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/17/2017	<2	<2	<2	<2	0.162J	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/11/2017	<2	<2	<2	<2	<2	4.4	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/23/2018					<2		<2			
1,1-Dichloroethene	75-35-4	ug/L	4/24/2018				<2				<2		
1,1-Dichloroethene	75-35-4	ug/L	4/25/2018			<2						<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/27/2018	<2	<2								
1,1-Dichloroethene	75-35-4	ug/L	10/16/2018	<2	<2	<2	<2	<2	6	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/16/2019	<2	<2	<2	<2	<2	5.32	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/1/2019	<2	<2	<2	<2	<2	4.42	<2	<2	<20	<2
1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	<2	<2	<2	<2	<2	<20	<2	<2	<10	<2
1,1-Dichloroethene	75-35-4	ug/L	10/7/2020	<2	<2	<2	<2	<2	3.5	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/13/2021	<1	<1	<1	<1	<1	2.9	<1	<1	<1	<1
1,1-Dichloroethene	75-35-4	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1-Dichloroethene	75-35-4	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1-Dichloroethene	75-35-4	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,1-Dichloroethene	75-35-4	ug/L	5/1/2023	<2	<2	<2	<2	<2		<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/16/2023	<2	<2	<2	<2	<2		<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/29/2024	<2	<2	<2	<2	<2		<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/9/2024			<2.00					<2.00	<2.00	
1,1-Dichloroethene	75-35-4	ug/L	10/10/2024				<2.00	<2.00		<2.00			<2.00
1,1-Dichloroethene	75-35-4	ug/L	10/14/2024	<2.00	<2.00								
1,1-Dichloroethene	75-35-4	ug/L	4/28/2025			<2.00					<2.00	<2.00	<2.00
1,1-Dichloroethene	75-35-4	ug/L	4/29/2025				<2.00	<2.00	1.32	<2.00			
1,1-Dichloroethene	75-35-4	ug/L	5/8/2025	<2.00	<2.00								
1,1-Dichloroethene	75-35-4	ug/L	10/20/2025					<2.00	1.10			<2.00	
1,1-Dichloroethene	75-35-4	ug/L	10/21/2025				<2.00			<2.00	<2.00		
1,1-Dichloroethene	75-35-4	ug/L	10/24/2025	<2.00	<2.00								
1,1-Dichloroethene	75-35-4	ug/L	5/4/2026				<2.00						
1,1-Dichloroethene	75-35-4	ug/L	5/12/2026	<2.00	<2.00	<2.00		<2.00	1.33	<2.00	<2.00	<2.00	<2.00
1,1-Dichloropropene	563-58-6	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
1,1-Dichloropropene	563-58-6	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,1-Dichloropropene	563-58-6	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloropropene	563-58-6	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
1,1-Dichloropropene	563-58-6	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,1-Dichloropropene	563-58-6	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,1-Dichloropropene	563-58-6	ug/L	5/8/2025	<1.00	<1.00								
1,2,3-Trichloropropane	96-18-4	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	7/7/2009							<1	<1	<20	<1
1,2,3-Trichloropropane	96-18-4	ug/L	9/2/2009							<1	<1	<10	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
1,2,3-Trichloropropane	96-18-4	ug/L	1/2/2010							<1	<1	<10	<1
1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2010							<2	<2	<2	<2
1,2,3-Trichloropropane	96-18-4	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,2,3-Trichloropropane	96-18-4	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/13/2011	<4	<1	<1	<4	<4	<4	<4	<4	<20	<4
1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1.9	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
1,2,3-Trichloropropane	96-18-4	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,2,3-Trichloropropane	96-18-4	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/23/2018					<1		<1			
1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2018				<1				<1		
1,2,3-Trichloropropane	96-18-4	ug/L	4/25/2018			<1						<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/27/2018	<1	<1								
1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/9/2024			<1.00					<1.00	<1.00	
1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2024	<1.00	<1.00								
1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2025	<1.00	<1.00								
1,2,3-Trichloropropane	96-18-4	ug/L	10/20/2025					<1.00	<1.00			<1.00	
1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2025				<1.00			<1.00	<1.00		
1,2,3-Trichloropropane	96-18-4	ug/L	10/24/2025	<1.00	<1.00								
1,2,3-Trichloropropane	96-18-4	ug/L	5/4/2026				<1.00						
1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/8/2025	<10.0	<10.9								
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/14/2009	<5	<5	<5	<5	<5	<5				
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/10/2010	<5	<10	<10	<10	<10	<10	<10	<10	<50	<10
1,2,4-Trichlorobenzene	120-82-1	ug/L	10/5/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2,4-Trichlorobenzene	120-82-1	ug/L	3/30/2020	<5	<5	<5	<5	<5	<50	<5	<5	<25	<5
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/28/2025			<5.00					<5.00	<5.00	<5.00
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/29/2025				<5.00	<5.00	<5.00	<5.00			
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/8/2025	<5.00	<5.00								
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/7/2009							<10	<10	<200	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/2/2009							<10	<10	<100	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/25/2009	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/2/2010							<10	<10	<100	<10

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/3/2010							<10	<10	<10	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/1/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/13/2011	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2013	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2013		<10	<10	<10	<10	<10	<10	<10		<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/2/2014	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/15/2014	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<1.2	<0.12
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/6/2015	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/5/2015	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/4/2016	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/17/2016	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/17/2017	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2017	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/23/2018					<0.5		<0.5			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/24/2018				<0.5				<0.5		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/25/2018			<0.5						<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/27/2018	<0.5	<0.5								
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/16/2018	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/16/2019	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/1/2019	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<12	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2020	<1.2	<1.2	<1.2	<1.2	<1.2	<12	<1.2	<1.2	<6	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2020	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/13/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/20/2021	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/2/2022	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2022	<0.02	<0.02	<0.02; <5	<0.02; <5	<0.02; <5		<5; <0.02	<0.02; <5	<5; <0.02	<0.02
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/1/2023	<1.2	<1.2	<1.2	<1.2	<1.2		<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/16/2023	<1.2	<1.2	<1.2	<1.2	<1.2		<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2024	<1.2	<1.2	<1.2	<1.2	<1.2		<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/9/2024			<1.20					<1.20	<1.20	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024				<1.20	<1.20		<1.20			<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2024	<1.20	<1.20								
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/28/2025			<1.20					<1.20	<1.20	<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2025				<1.20	<1.20	<1.20	<1.20			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2025	<1.20	<1.20								
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/20/2025					<1.20	<1.20			<1.20	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/21/2025				<1.20			<1.20	<1.20		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/24/2025	<1.20	<1.20								
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/4/2026				<1.20						
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2026	<1.20	<1.20	<1.20		<1.20	<1.20	<1.20	<1.20	<1.20	<1.20
1,2-Dibromoethane (EDB)	106-93-4	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	7/7/2009							<10	<10	<200	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	9/2/2009							<10	<10	<100	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/25/2009	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	1/2/2010							<10	<10	<100	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	3/3/2010							<10	<10	<10	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	11/1/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/13/2011	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	3/30/2013	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/7/2013		<10	<10	<10	<10	<10	<10	<10		<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	6/2/2014	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/15/2014	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<1.3	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/6/2015	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/5/2015	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/4/2016	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/17/2016	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/17/2017	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/11/2017	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/23/2018					<0.13		<0.13			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/24/2018				<0.13				<0.13		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/25/2018			<0.13						<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/27/2018	<0.13	<0.13								
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/16/2018	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/16/2019	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/1/2019	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<3.4	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	3/30/2020	<0.34	<0.34	<0.34	<0.34	<0.34	<3.4	<0.34	<0.34	<1.7	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/7/2020	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/13/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/20/2021	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/2/2022	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/14/2022	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/1/2023	<0.34	<0.34	<0.34	<0.34	<0.34		<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/16/2023	<0.34	<0.34	<0.34	<0.34	<0.34		<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/29/2024	<0.34	<0.34	<0.34	<0.34	<0.34		<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/9/2024			<0.340					<0.340	<0.340	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/10/2024				<0.340	<0.340		<0.340			<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/14/2024	<0.340	<0.340								
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/28/2025			<0.340					<0.340	<0.340	<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/29/2025				<0.340	<0.340	<0.340	<0.340			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/8/2025	<0.340	<0.340								
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/20/2025					<0.340	<0.340			<0.340	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/21/2025				<0.340			<0.340	<0.340		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/24/2025	<0.340	<0.340								
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/4/2026				<0.340						
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/12/2026	<0.340	<0.340	<0.340		<0.340	<0.340	<0.340	<0.340	<0.340	<0.340
1,2-Dichlorobenzene	95-50-1	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	7/7/2009							<1	<1	<20	<1
1,2-Dichlorobenzene	95-50-1	ug/L	9/2/2009							<1	<1	<10	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
1,2-Dichlorobenzene	95-50-1	ug/L	1/2/2010							<1	<1	<10	<1
1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2010							<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,2-Dichlorobenzene	95-50-1	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1.4	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
1,2-Dichlorobenzene	95-50-1	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,2-Dichlorobenzene	95-50-1	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	0.193J	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/23/2018					<1		<1			
1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2018				<1				<1		
1,2-Dichlorobenzene	95-50-1	ug/L	4/25/2018			<1						<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/27/2018	<1	<1								
1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/9/2024			<1.00					<1.00	<1.00	
1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2024	<1.00	<1.00								
1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2025	<1.00	<1.00								
1,2-Dichlorobenzene	95-50-1	ug/L	10/20/2025					<1.00	<1.00			<1.00	
1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2025				<1.00			<1.00	<1.00		
1,2-Dichlorobenzene	95-50-1	ug/L	10/24/2025	<1.00	<1.00								
1,2-Dichlorobenzene	95-50-1	ug/L	5/4/2026				<1.00						
1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	107-06-2	ug/L	2/27/2008	<1	<1	<1	<1	1.51	<1				
1,2-Dichloroethane	107-06-2	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	9/14/2008	<1	<1	<1	<1	1.17	<1				
1,2-Dichloroethane	107-06-2	ug/L	11/17/2008	<1	<1	<1	<1	1.35	<1				
1,2-Dichloroethane	107-06-2	ug/L	4/14/2009	<1	<1	<1	<1	1.23	<1				
1,2-Dichloroethane	107-06-2	ug/L	7/7/2009					1.12		<1	<1	<20	<1
1,2-Dichloroethane	107-06-2	ug/L	9/2/2009					1.33		<1	<1	<10	<1
1,2-Dichloroethane	107-06-2	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
1,2-Dichloroethane	107-06-2	ug/L	1/2/2010					1.37		<1	<1	<10	<1
1,2-Dichloroethane	107-06-2	ug/L	3/3/2010							<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	5/10/2010	<1	<1	<1	<1	1.08	<1	<1	<1	<5	<1
1,2-Dichloroethane	107-06-2	ug/L	11/1/2010	<1	<1	<1	<1	1.34	<1	1.02	<1	<5	<1
1,2-Dichloroethane	107-06-2	ug/L	4/4/2011					1.03					
1,2-Dichloroethane	107-06-2	ug/L	10/13/2011	<1	<1	<1	<1	1.3	<1	<1	<1	<5	<1
1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,2-Dichloroethane	107-06-2	ug/L	10/11/2012	<1	<1	<1	<1	1.39	<1	<1	<1	<10	<1
1,2-Dichloroethane	107-06-2	ug/L	3/30/2013	<1	<1	<1	<1	1.25	<1	<1	<1	<1.8	<1
1,2-Dichloroethane	107-06-2	ug/L	10/7/2013		<1	<1	<1	1.21; 1.19	<1	<1	<1		<1
1,2-Dichloroethane	107-06-2	ug/L	6/2/2014	<1	<1	<1	<1	1.37	<1	0.588J	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/15/2014	<1	<1	<1	<1	1.36	<1	<1	<1	<10	<1
1,2-Dichloroethane	107-06-2	ug/L	4/6/2015	<1	<1	<1	<1	1.19	<1	0.538J	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/5/2015	<1	<1	<1	<1	1.4	<1	0.494J	<1	0.29J	<1
1,2-Dichloroethane	107-06-2	ug/L	4/4/2016	<1	<1	<1	<1	0.966J	<1	0.377J	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/17/2016	<1	<1	<1	<1	1.59	<1	0.61J	<1	0.314J	<1

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,2-Dichloroethane	107-06-2	ug/L	4/17/2017	<1	<1	<1	<1	1.06	<1	0.566J	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/11/2017	<1	<1	<1	<1	1.4	<1	0.418J	<1	0.239J	<1
1,2-Dichloroethane	107-06-2	ug/L	4/23/2018					1.23		0.406J			
1,2-Dichloroethane	107-06-2	ug/L	4/24/2018				<1				<1		
1,2-Dichloroethane	107-06-2	ug/L	4/25/2018			<1						0.223J	<1
1,2-Dichloroethane	107-06-2	ug/L	4/27/2018	<1	<1								
1,2-Dichloroethane	107-06-2	ug/L	10/16/2018	<1	<1	<1	<1	1.08	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	4/16/2019	<1	<1	<1	<1	0.938J	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/1/2019	<1	<1	<1	<1	1.35	<1	0.465J	<1	<10	<1
1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	<1	<1	<1	<1	0.864J	<10	<1	<1	<5	<1
1,2-Dichloroethane	107-06-2	ug/L	10/7/2020	<1	<1	<1	<1	0.957J	<1	<1	0.455J	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/20/2021	<1	<1	<1	<1	0.9J		<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/14/2022	<1	<1	<1	<1	0.8J		<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	5/1/2023	<1	<1	<1	<1	0.807J		<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/16/2023	<1	<1	<1	<1	0.578J		<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	4/29/2024	<1	0.888J	<1	<1	0.942J		<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/9/2024			<1.00					<1.00	<1.00	
1,2-Dichloroethane	107-06-2	ug/L	10/10/2024				<1.00	0.793J		<1.00			<1.00
1,2-Dichloroethane	107-06-2	ug/L	10/14/2024	<1.00	<1.00								
1,2-Dichloroethane	107-06-2	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,2-Dichloroethane	107-06-2	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,2-Dichloroethane	107-06-2	ug/L	5/8/2025	<1.00	<1.00								
1,2-Dichloroethane	107-06-2	ug/L	10/20/2025					0.778	<1.00			<1.00	
1,2-Dichloroethane	107-06-2	ug/L	10/21/2025				<1.00			<1.00	<1.00		
1,2-Dichloroethane	107-06-2	ug/L	10/24/2025	<1.00	<1.00								
1,2-Dichloroethane	107-06-2	ug/L	5/4/2026				<1.00						
1,2-Dichloroethane	107-06-2	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	78-87-5	ug/L	2/27/2008	<1	<1	<1	<1	5.01	<1				
1,2-Dichloropropane	78-87-5	ug/L	5/12/2008	<1	<1	<1	<1	1.83	<1				
1,2-Dichloropropane	78-87-5	ug/L	7/13/2008	<1	<1	<1	<1	2.34	<1				
1,2-Dichloropropane	78-87-5	ug/L	9/14/2008	<1	<1	<1	<1	4.84	<1				
1,2-Dichloropropane	78-87-5	ug/L	11/17/2008	<1	<1	<1	<1	4.77	<1				
1,2-Dichloropropane	78-87-5	ug/L	4/14/2009	<1	<1	<1	<1	4.42	<1				
1,2-Dichloropropane	78-87-5	ug/L	7/7/2009					4.63		<1	<1	<20	<1
1,2-Dichloropropane	78-87-5	ug/L	9/2/2009					3.99		<1	<1	<10	<1
1,2-Dichloropropane	78-87-5	ug/L	10/25/2009	<1	<1	<1	<1	4.29	<1	<1	<1	<10	<1
1,2-Dichloropropane	78-87-5	ug/L	1/2/2010					3.2		<1	<1	<10	<1
1,2-Dichloropropane	78-87-5	ug/L	3/3/2010							<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	5/10/2010	<1	<1	<1	<1	3.05	<1	<1	<1	<5	<1
1,2-Dichloropropane	78-87-5	ug/L	11/1/2010	<1	<1	<1	<1	4.69	<1	<1	<1	<5	<1
1,2-Dichloropropane	78-87-5	ug/L	4/4/2011					4.89					
1,2-Dichloropropane	78-87-5	ug/L	10/13/2011	<1	<1	<1	<1	4.94	<1	<1	<1	<5	<1
1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	<1	<1	<1	<1	3.34	<1	<1	<1	<10	<1
1,2-Dichloropropane	78-87-5	ug/L	10/11/2012	<1	<1	<1	<1	5.84	<1	<1	<1	<10	<1
1,2-Dichloropropane	78-87-5	ug/L	3/30/2013	<1	<1	<1	<1	5.22	<1	<1	<1	<8.7	<1
1,2-Dichloropropane	78-87-5	ug/L	10/7/2013		<1	<1	<1	4.66; 4.62	<1	<1	<1		<1
1,2-Dichloropropane	78-87-5	ug/L	6/2/2014	<1	<1	<1	<1	4.65	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/15/2014	<1	<1	<1	<1	3.88	<1	<1	<1	<10	<1
1,2-Dichloropropane	78-87-5	ug/L	4/6/2015	<1	<1	<1	<1	4.03	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/5/2015	<1	<1	<1	<1	5.43	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/4/2016	<1	<1	<1	<1	3.47	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/17/2016	<1	<1	<1	<1	5.6	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/17/2017	<1	<1	<1	<1	3.54	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/11/2017	<1	<1	<1	<1	4.74	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/23/2018					4.21		<1			
1,2-Dichloropropane	78-87-5	ug/L	4/24/2018				<1				<1		

Table 9A
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1,2-Dichloropropane	78-87-5	ug/L	4/25/2018			<1						<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/27/2018	<1	<1								
1,2-Dichloropropane	78-87-5	ug/L	10/16/2018	<1	<1	<1	<1	4.21	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/16/2019	<1	<1	<1	<1	3.28	0.416J	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/1/2019	<1	<1	<1	<1	4.06	0.504J	0.28J	<1	<10	<1
1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	<1	<1	<1	<1	3.13	<10	<1	<1	<5	<1
1,2-Dichloropropane	78-87-5	ug/L	10/7/2020	<1	<1	<1	<1	2.97	0.597J	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/13/2021	<1	<1	<1	<1	1.8	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/20/2021	<1	<1	<1	<1	3.1		<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	5/2/2022	<1	<1	<1	<1	2.4		<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/14/2022	<1	<1	<1	<1	2.6		<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	5/1/2023	<1	<1	<1	<1	1.71		<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/16/2023	<1	<1	<1	<1	2.45		<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/29/2024	<1	<1	<1	<1	2.3		<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/9/2024			<1.00					<1.00	<1.00	
1,2-Dichloropropane	78-87-5	ug/L	10/10/2024				<1.00	2.30		<1.00			<1.00
1,2-Dichloropropane	78-87-5	ug/L	10/14/2024	<1.00	<1.00								
1,2-Dichloropropane	78-87-5	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,2-Dichloropropane	78-87-5	ug/L	4/29/2025				<1.00	0.765	0.783	<1.00			
1,2-Dichloropropane	78-87-5	ug/L	5/8/2025	<1.00	<1.00								
1,2-Dichloropropane	78-87-5	ug/L	10/20/2025					2.16	0.979			<1.00	
1,2-Dichloropropane	78-87-5	ug/L	10/21/2025				<1.00			<1.00	<1.00		
1,2-Dichloropropane	78-87-5	ug/L	10/24/2025	<1.00	<1.00								
1,2-Dichloropropane	78-87-5	ug/L	5/4/2026				<1.00						
1,2-Dichloropropane	78-87-5	ug/L	5/12/2026	<1.00	<1.00	<1.00		2.04	<1.00	<1.00	<1.00	<1.00	<1.00
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,3,5-Trinitrobenzene	99-35-4	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
1,3,5-Trinitrobenzene	99-35-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/8/2025	<10.0	<10.9								
1,3-Dichlorobenzene	541-73-1	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
1,3-Dichlorobenzene	541-73-1	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,3-Dichlorobenzene	541-73-1	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	541-73-1	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
1,3-Dichlorobenzene	541-73-1	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,3-Dichlorobenzene	541-73-1	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,3-Dichlorobenzene	541-73-1	ug/L	5/8/2025	<1.00	<1.00								
1,3-Dichloropropane	142-28-9	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
1,3-Dichloropropane	142-28-9	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,3-Dichloropropane	142-28-9	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichloropropane	142-28-9	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
1,3-Dichloropropane	142-28-9	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,3-Dichloropropane	142-28-9	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,3-Dichloropropane	142-28-9	ug/L	5/8/2025	<1.00	<1.00								
1,3-Dinitrobenzene	99-65-0	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
1,3-Dinitrobenzene	99-65-0	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,3-Dinitrobenzene	99-65-0	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
1,3-Dinitrobenzene	99-65-0	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
1,3-Dinitrobenzene	99-65-0	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
1,3-Dinitrobenzene	99-65-0	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
1,3-Dinitrobenzene	99-65-0	ug/L	5/8/2025	<10.0	<10.9								
1,4-Dichlorobenzene	106-46-7	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	7/7/2009							<1	<1	<20	<1
1,4-Dichlorobenzene	106-46-7	ug/L	9/2/2009							<1	<1	<10	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
1,4-Dichlorobenzene	106-46-7	ug/L	1/2/2010							<1	<1	<10	<1
1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2010							<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	5/10/2010	<2	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,4-Dichlorobenzene	106-46-7	ug/L	11/1/2010	<2	<1	<2	<2	<2	<2	<2	<2	<5	<2
1,4-Dichlorobenzene	106-46-7	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
1,4-Dichlorobenzene	106-46-7	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/23/2018					<1		<1			
1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2018				<1				<1		
1,4-Dichlorobenzene	106-46-7	ug/L	4/25/2018			<1						<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/27/2018	<1	<1								
1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/9/2024			<1.00					<1.00	<1.00	
1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2024	<1.00	<1.00								
1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2025	<1.00	<1.00								
1,4-Dichlorobenzene	106-46-7	ug/L	10/20/2025					<1.00	<1.00			<1.00	
1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2025				<1.00			<1.00	<1.00		
1,4-Dichlorobenzene	106-46-7	ug/L	10/24/2025	<1.00	<1.00								
1,4-Dichlorobenzene	106-46-7	ug/L	5/4/2026				<1.00						
1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,4-Naphthoquinone	130-15-4	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
1,4-Naphthoquinone	130-15-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,4-Naphthoquinone	130-15-4	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
1,4-Naphthoquinone	130-15-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
1,4-Naphthoquinone	130-15-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
1,4-Naphthoquinone	130-15-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
1,4-Naphthoquinone	130-15-4	ug/L	5/8/2025	<10.0	<10.9								
1,4-Phenylenediamine	106-50-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
1,4-Phenylenediamine	106-50-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1,4-Phenylenediamine	106-50-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
1,4-Phenylenediamine	106-50-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
1,4-phenylenediamine	106-50-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
1,4-phenylenediamine	106-50-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
1,4-phenylenediamine	106-50-3	ug/L	5/8/2025	<10.0	<10.9								
1-Naphthylamine	134-32-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
1-Naphthylamine	134-32-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
1-Naphthylamine	134-32-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
1-Naphthylamine	134-32-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
1-Naphthylamine	134-32-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
1-Naphthylamine	134-32-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
1-Naphthylamine	134-32-7	ug/L	5/8/2025	<10.0	<10.9								
2,2-Dichloropropane	594-20-7	ug/L	4/14/2009	<4	<4	<4	<4	<4	<4				
2,2-Dichloropropane	594-20-7	ug/L	5/10/2010	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4
2,2-Dichloropropane	594-20-7	ug/L	10/5/2015	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
2,2-Dichloropropane	594-20-7	ug/L	3/30/2020	<4	<4	<4	<4	<4	<40	<4	<4	<20	<4
2,2-Dichloropropane	594-20-7	ug/L	4/28/2025			<4.00					<4.00	<4.00	<4.00
2,2-Dichloropropane	594-20-7	ug/L	4/29/2025				<4.00	<4.00	<4.00	<4.00			
2,2-Dichloropropane	594-20-7	ug/L	5/8/2025	<4.00	<4.00								
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/8/2025	<10.0	<10.9								
2,4,5-T	93-76-5	ug/L	4/28/2025			<0.164					<0.165	<0.174	<0.168
2,4,5-T	93-76-5	ug/L	4/29/2025				<0.156	<0.161	<0.166	<0.160			
2,4,5-T	93-76-5	ug/L	5/8/2025	<0.158	<0.162								
2,4,5-T [2C]	93-76-5	ug/L	4/14/2009	<0.2	<0.2	<0.2	<0.2	<0.29	<0.2				
2,4,5-T [2C]	93-76-5	ug/L	5/10/2010	<0.47	<0.5	<0.5	<0.5	<0.5	<0.5	<0.51	<0.5	<0.51	<0.51
2,4,5-T [2C]	93-76-5	ug/L	10/5/2015	<0.997	<1.01	<1.02	<1.01	<1.02	<1.06	<1.03	<1.01	<1.02	<1.01
2,4,5-T [2C]	93-76-5	ug/L	11/14/2016									<1.03	
2,4,5-T [2C]	93-76-5	ug/L	3/30/2020	<1.09	<1.13	<1.04	<1.06	<1.04	<1.04	<1.03	<1.04	<1.06	<1.04
2,4,5-T [2C]	93-76-5	ug/L	10/14/2022									<0.5	
2,4,5-TP [Silvex]	93-72-1	ug/L	4/14/2009	<0.2	0.35; <0.48	<0.2	<0.2	<0.29	<0.2				
2,4,5-TP [Silvex]	93-72-1	ug/L	7/7/2009		<0.2								
2,4,5-TP [Silvex]	93-72-1	ug/L	9/2/2009		0.36								
2,4,5-TP [Silvex]	93-72-1	ug/L	10/25/2009		0.41								
2,4,5-TP [Silvex]	93-72-1	ug/L	1/2/2010		<0.2								
2,4,5-TP [Silvex]	93-72-1	ug/L	5/10/2010	<0.47	<0.5	<0.5	<0.5	<0.5	<0.5	<0.51	<0.5	<0.51	<0.51
2,4,5-TP [Silvex]	93-72-1	ug/L	11/1/2010		<0.5								
2,4,5-TP [Silvex]	93-72-1	ug/L	10/13/2011		<1								
2,4,5-TP [Silvex]	93-72-1	ug/L	4/11/2012		<1								
2,4,5-TP [Silvex]	93-72-1	ug/L	10/11/2012		<1								
2,4,5-TP [Silvex]	93-72-1	ug/L	3/30/2013		<1								
2,4,5-TP [Silvex]	93-72-1	ug/L	10/7/2013		<1.03								
2,4,5-TP [Silvex]	93-72-1	ug/L	6/2/2014		<1.03								
2,4,5-TP [Silvex]	93-72-1	ug/L	10/15/2014		<1.02								
2,4,5-TP [Silvex]	93-72-1	ug/L	4/6/2015		<1.01								
2,4,5-TP [Silvex]	93-72-1	ug/L	10/5/2015	<0.997	<1.01	<1.02	<1.01	<1.02	<1.06	<1.03	<1.01	2.32	<1.01
2,4,5-TP [Silvex]	93-72-1	ug/L	4/4/2016		<1.1							2.32	
2,4,5-TP [Silvex]	93-72-1	ug/L	10/11/2016									2.73	
2,4,5-TP [Silvex]	93-72-1	ug/L	10/17/2016		<1.12							<10.2	
2,4,5-TP [Silvex]	93-72-1	ug/L	11/14/2016									1.51	
2,4,5-TP [Silvex]	93-72-1	ug/L	4/17/2017									0.999J	
2,4,5-TP [Silvex]	93-72-1	ug/L	10/11/2017									1.92	
2,4,5-TP [Silvex]	93-72-1	ug/L	4/25/2018									1.89	
2,4,5-TP [Silvex]	93-72-1	ug/L	10/16/2018									2.76	

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
2,4,5-TP [Silvex]	93-72-1	ug/L	4/16/2019									1.59	
2,4,5-TP [Silvex]	93-72-1	ug/L	10/1/2019									<10.3	
2,4,5-TP [Silvex]	93-72-1	ug/L	3/30/2020	<1.09	<1.13	<1.04	<1.06	<1.04	<1.04	<1.03	<1.04	1.16	<1.04
2,4,5-TP [Silvex]	93-72-1	ug/L	10/7/2020									1.07	
2,4,5-TP [Silvex]	93-72-1	ug/L	4/13/2021									1.6	
2,4,5-TP [Silvex]	93-72-1	ug/L	5/2/2022									1.9	
2,4,5-TP [Silvex]	93-72-1	ug/L	10/14/2022									<0.5	
2,4,5-TP [Silvex]	93-72-1	ug/L	5/1/2023									1.33	
2,4,5-TP [Silvex]	93-72-1	ug/L	10/16/2023									1.61	
2,4,5-TP [Silvex]	93-72-1	ug/L	4/29/2024									1.43	
2,4,5-Trichlorophenol	95-95-4	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2,4,5-Trichlorophenol	95-95-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,5-Trichlorophenol	95-95-4	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2,4,5-Trichlorophenol	95-95-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2,4,5-Trichlorophenol	95-95-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2,4,5-Trichlorophenol	95-95-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2,4,5-Trichlorophenol	95-95-4	ug/L	5/8/2025	<10.0	<10.9								
2,4,6-Trichlorophenol	88-06-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2,4,6-Trichlorophenol	88-06-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4,6-Trichlorophenol	88-06-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2,4,6-Trichlorophenol	88-06-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2,4,6-Trichlorophenol	88-06-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2,4,6-Trichlorophenol	88-06-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2,4,6-Trichlorophenol	88-06-2	ug/L	5/8/2025	<10.0	<10.9								
2,4-D	94-75-7	ug/L	4/28/2025			<0.657					<0.661	<0.696	<0.672
2,4-D	94-75-7	ug/L	4/29/2025				<0.624	<0.646	<0.663	<0.639			
2,4-D	94-75-7	ug/L	5/8/2025	<0.631	<0.650								
2,4-D [2C]	94-75-7	ug/L	4/14/2009	<1	<1	<1	<1	<1.5	<1				
2,4-D [2C]	94-75-7	ug/L	5/10/2010	<0.93	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4-D [2C]	94-75-7	ug/L	10/5/2015	<0.997	<1.01	<1.02	<1.01	<1.02	<1.06	<1.03	<1.01	<1.02	<1.01
2,4-D [2C]	94-75-7	ug/L	11/14/2016									<1.03	
2,4-D [2C]	94-75-7	ug/L	3/30/2020	<1.09	<1.13	<1.04	<1.06	<1.04	<1.04	<1.03	<1.04	<1.06	<1.04
2,4-D [2C]	94-75-7	ug/L	10/14/2022									<2	
2,4-Dichlorophenol	120-83-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2,4-Dichlorophenol	120-83-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dichlorophenol	120-83-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2,4-Dichlorophenol	120-83-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2,4-Dichlorophenol	120-83-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2,4-Dichlorophenol	120-83-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2,4-Dichlorophenol	120-83-2	ug/L	5/8/2025	<10.0	<10.9								
2,4-Dimethylphenol	105-67-9	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2,4-Dimethylphenol	105-67-9	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dimethylphenol	105-67-9	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	0.536J	<10
2,4-Dimethylphenol	105-67-9	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2,4-Dimethylphenol	105-67-9	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2,4-Dimethylphenol	105-67-9	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2,4-Dimethylphenol	105-67-9	ug/L	5/8/2025	<10.0	<10.9								
2,4-Dinitrophenol	51-28-5	ug/L	4/14/2009	<20	<20	<20	<100	<20	<20				
2,4-Dinitrophenol	51-28-5	ug/L	5/10/2010	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dinitrophenol	51-28-5	ug/L	10/5/2015	<20	<20.8	<20	<20.6	<21.1	<20.4	<20.4	<20	<20	<20
2,4-Dinitrophenol	51-28-5	ug/L	3/30/2020	<23	<23.5	<20.2	<20.6	<20.8	<20.8	<20.4	<20.2	<21.3	<20.2
2,4-Dinitrophenol	51-28-5	ug/L	4/28/2025			<20.4					<21.3	<20.8	<21.3
2,4-Dinitrophenol	51-28-5	ug/L	4/29/2025				<20.0	<20.0	<20.0	<20.0			
2,4-Dinitrophenol	51-28-5	ug/L	5/8/2025	<20.0	<21.7								
2,4-Dinitrotoluene	121-14-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2,4-Dinitrotoluene	121-14-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,4-Dinitrotoluene	121-14-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2,4-Dinitrotoluene	121-14-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1

Table 9A
Analytical Data Summary - Source Characterization Wells
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
2,4-Dinitrotoluene	121-14-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2,4-Dinitrotoluene	121-14-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2,4-Dinitrotoluene	121-14-2	ug/L	5/8/2025	<10.0	<10.9								
2,6-Dichlorophenol	87-65-0	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2,6-Dichlorophenol	87-65-0	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dichlorophenol	87-65-0	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2,6-Dichlorophenol	87-65-0	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2,6-Dichlorophenol	87-65-0	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2,6-Dichlorophenol	87-65-0	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2,6-Dichlorophenol	87-65-0	ug/L	5/8/2025	<10.0	<10.9								
2,6-Dinitrotoluene	606-20-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2,6-Dinitrotoluene	606-20-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2,6-Dinitrotoluene	606-20-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2,6-Dinitrotoluene	606-20-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2,6-Dinitrotoluene	606-20-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2,6-Dinitrotoluene	606-20-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2,6-Dinitrotoluene	606-20-2	ug/L	5/8/2025	<10.0	<10.9								
2-Acetylaminofluorene	53-96-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2-Acetylaminofluorene	53-96-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Acetylaminofluorene	53-96-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2-Acetylaminofluorene	53-96-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2-Acetylaminofluorene	53-96-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2-Acetylaminofluorene	53-96-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2-Acetylaminofluorene	53-96-3	ug/L	5/8/2025	<10.0	<10.9								
2-Butanone (MEK)	78-93-3	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	7/7/2009							<10	<10	889	<10
2-Butanone (MEK)	78-93-3	ug/L	9/2/2009							<10	<10	2240	<10
2-Butanone (MEK)	78-93-3	ug/L	10/25/2009	<10	<10	<10	<10	<10	<10	<10	<10	1590	<10
2-Butanone (MEK)	78-93-3	ug/L	1/2/2010							<10	<10	<100	<10
2-Butanone (MEK)	78-93-3	ug/L	3/3/2010							<10	<10	106	<10
2-Butanone (MEK)	78-93-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	156	<10
2-Butanone (MEK)	78-93-3	ug/L	7/8/2010									97.5	
2-Butanone (MEK)	78-93-3	ug/L	9/13/2010									44.2	
2-Butanone (MEK)	78-93-3	ug/L	11/1/2010	<10	10	<10	<10	<10	<10	<10	<10	<50	<10
2-Butanone (MEK)	78-93-3	ug/L	1/10/2011									<50	
2-Butanone (MEK)	78-93-3	ug/L	4/4/2011									<50	
2-Butanone (MEK)	78-93-3	ug/L	10/13/2011	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
2-Butanone (MEK)	78-93-3	ug/L	4/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
2-Butanone (MEK)	78-93-3	ug/L	10/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
2-Butanone (MEK)	78-93-3	ug/L	3/30/2013	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/7/2013		<10	<10	<10	<10	<10	<10	<10		<10
2-Butanone (MEK)	78-93-3	ug/L	6/2/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/15/2014	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
2-Butanone (MEK)	78-93-3	ug/L	4/6/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/4/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/17/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/17/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/11/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/23/2018					1.61J		<10			
2-Butanone (MEK)	78-93-3	ug/L	4/24/2018				<10				<10		
2-Butanone (MEK)	78-93-3	ug/L	4/25/2018			<10						1.2J	<10
2-Butanone (MEK)	78-93-3	ug/L	4/27/2018	<10	<10								

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
2-Butanone (MEK)	78-93-3	ug/L	10/16/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/16/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
2-Butanone (MEK)	78-93-3	ug/L	3/30/2020	<10	<10	<10	<10	<10	<100	<10	<10	<50	<10
2-Butanone (MEK)	78-93-3	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Butanone (MEK)	78-93-3	ug/L	10/20/2021	<5	<5	<5	<5	<5		<5	<5	<5	<5
2-Butanone (MEK)	78-93-3	ug/L	5/2/2022	<10	<10	<10	<10	<10		<10	<10	1.4J	<10
2-Butanone (MEK)	78-93-3	ug/L	10/14/2022	<10	<10	<10	<10	<10		<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	5/1/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/16/2023	<10	<10	<10	<10	<10		<10	<10	<10	148
2-Butanone (MEK)	78-93-3	ug/L	4/29/2024	<10	<10	<10	<10	<10		<10	<10	<10	13.4
2-Butanone (MEK)	78-93-3	ug/L	10/9/2024			<10.0					<10.0	<10.0	
2-Butanone (MEK)	78-93-3	ug/L	10/10/2024				<10.0	<10.0		<10.0			<10.0
2-Butanone (MEK)	78-93-3	ug/L	10/14/2024	<10.0	<10.0								
2-Butanone (MEK)	78-93-3	ug/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
2-Butanone (MEK)	78-93-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2-Butanone (MEK)	78-93-3	ug/L	5/8/2025	<10.0	<10.0								
2-Butanone (MEK)	78-93-3	ug/L	10/20/2025					<10.0	<10.0			<10.0	
2-Butanone (MEK)	78-93-3	ug/L	10/21/2025				<10.0			<10.0	<10.0		
2-Butanone (MEK)	78-93-3	ug/L	10/24/2025	<10.0	<10.0								
2-Butanone (MEK)	78-93-3	ug/L	5/4/2026				<10.0						
2-Butanone (MEK)	78-93-3	ug/L	5/12/2026	<10.0	<10.0	<10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
2-Chloronaphthalene	91-58-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2-Chloronaphthalene	91-58-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Chloronaphthalene	91-58-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2-Chloronaphthalene	91-58-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2-Chloronaphthalene	91-58-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2-Chloronaphthalene	91-58-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2-Chloronaphthalene	91-58-7	ug/L	5/8/2025	<10.0	<10.9								
2-Chlorophenol	95-57-8	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2-Chlorophenol	95-57-8	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Chlorophenol	95-57-8	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2-Chlorophenol	95-57-8	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2-Chlorophenol	95-57-8	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2-Chlorophenol	95-57-8	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2-Chlorophenol	95-57-8	ug/L	5/8/2025	<10.0	<10.9								
2-Hexanone	591-78-6	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	7/7/2009							<10	<10	<200	<10
2-Hexanone	591-78-6	ug/L	9/2/2009							<10	<10	<100	<10
2-Hexanone	591-78-6	ug/L	10/25/2009	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
2-Hexanone	591-78-6	ug/L	1/2/2010							<10	<10	<100	<10
2-Hexanone	591-78-6	ug/L	3/3/2010							<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	5/10/2010	<10	<20	<20	<20	<20	<20	<20	<20	<100	<20
2-Hexanone	591-78-6	ug/L	11/1/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
2-Hexanone	591-78-6	ug/L	10/13/2011	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
2-Hexanone	591-78-6	ug/L	4/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
2-Hexanone	591-78-6	ug/L	10/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
2-Hexanone	591-78-6	ug/L	3/30/2013	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/7/2013		<10	<10	<10	<10	<10	<10	<10		<10
2-Hexanone	591-78-6	ug/L	6/2/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/15/2014	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
2-Hexanone	591-78-6	ug/L	4/6/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
2-Hexanone	591-78-6	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/4/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/17/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/17/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/11/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/23/2018					<10		<10			
2-Hexanone	591-78-6	ug/L	4/24/2018				<10				<10		
2-Hexanone	591-78-6	ug/L	4/25/2018			<10						<10	<10
2-Hexanone	591-78-6	ug/L	4/27/2018	<10	<10								
2-Hexanone	591-78-6	ug/L	10/16/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/16/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
2-Hexanone	591-78-6	ug/L	3/30/2020	<10	<10	<10	<10	<10	<100	<10	<10	<50	<10
2-Hexanone	591-78-6	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Hexanone	591-78-6	ug/L	10/20/2021	<5	<5	<5	<5	<5		<5	<5	<5	<5
2-Hexanone	591-78-6	ug/L	5/2/2022	<5	<5	<5	<5	<5		<5	<5	<5	<5
2-Hexanone	591-78-6	ug/L	10/14/2022	<5	<5	<5	<5	<5		<5	<5	<5	<5
2-Hexanone	591-78-6	ug/L	5/1/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/16/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/29/2024	<10	<10	<10	<10	<10		<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/9/2024			<10.0					<10.0	<10.0	
2-Hexanone	591-78-6	ug/L	10/10/2024				<10.0	<10.0		<10.0			<10.0
2-Hexanone	591-78-6	ug/L	10/14/2024	<10.0	<10.0								
2-Hexanone	591-78-6	ug/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
2-Hexanone	591-78-6	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2-Hexanone	591-78-6	ug/L	5/8/2025	<10.0	<10.0								
2-Hexanone	591-78-6	ug/L	10/20/2025					<10.0	<10.0			<10.0	
2-Hexanone	591-78-6	ug/L	10/21/2025				<10.0			<10.0	<10.0		
2-Hexanone	591-78-6	ug/L	10/24/2025	<10.0	<10.0								
2-Hexanone	591-78-6	ug/L	5/4/2026				<10.0						
2-Hexanone	591-78-6	ug/L	5/12/2026	<10.0	<10.0	<10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
2-Methylnaphthalene	91-57-6	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2-Methylnaphthalene	91-57-6	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylnaphthalene	91-57-6	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2-Methylnaphthalene	91-57-6	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2-Methylnaphthalene	91-57-6	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2-Methylnaphthalene	91-57-6	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2-Methylnaphthalene	91-57-6	ug/L	5/8/2025	<10.0	<10.9								
2-Methylphenol	95-48-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2-Methylphenol	95-48-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Methylphenol	95-48-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2-Methylphenol	95-48-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2-Methylphenol	95-48-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2-Methylphenol	95-48-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2-Methylphenol	95-48-7	ug/L	5/8/2025	<10.0	<10.9								
2-Naphthylamine	91-59-8	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2-Naphthylamine	91-59-8	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Naphthylamine	91-59-8	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2-Naphthylamine	91-59-8	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2-Naphthylamine	91-59-8	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2-Naphthylamine	91-59-8	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2-Naphthylamine	91-59-8	ug/L	5/8/2025	<10.0	<10.9								
2-Nitroaniline	88-74-4	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2-Nitroaniline	88-74-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Nitroaniline	88-74-4	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2-Nitroaniline	88-74-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2-Nitroaniline	88-74-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
2-Nitroaniline	88-74-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2-Nitroaniline	88-74-4	ug/L	5/8/2025	<10.0	<10.9								
2-Nitrophenol	88-75-5	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
2-Nitrophenol	88-75-5	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Nitrophenol	88-75-5	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
2-Nitrophenol	88-75-5	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
2-Nitrophenol	88-75-5	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
2-Nitrophenol	88-75-5	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
2-Nitrophenol	88-75-5	ug/L	5/8/2025	<10.0	<10.9								
3,3'-Dichlorobenzidine	91-94-1	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
3,3'-Dichlorobenzidine	91-94-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
3,3'-Dichlorobenzidine	91-94-1	ug/L	5/8/2025	<10.0	<10.9								
3,3'-Dimethylbenzidine	119-93-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
3,3'-Dimethylbenzidine	119-93-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
3,3'-Dimethylbenzidine	119-93-7	ug/L	5/8/2025	<10.0	<10.9								
3,3-Dichlorobenzidine	91-94-1	ug/L	4/14/2009	<85	<85	<85	<425	<85	<85				
3,3-Dichlorobenzidine	91-94-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,3-Dichlorobenzidine	91-94-1	ug/L	10/5/2015	<50	<52.1	<50	<51.5	<52.6	<51	<51	<50	<50	<50
3,3-Dichlorobenzidine	91-94-1	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
3,3-Dimethylbenzidine	119-93-7	ug/L	4/14/2009	<20	<20	<20	<100	<20	<20				
3,3-Dimethylbenzidine	119-93-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3,3-Dimethylbenzidine	119-93-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
3,3-Dimethylbenzidine	119-93-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
3-Methylcholanthrene	56-49-5	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
3-Methylcholanthrene	56-49-5	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-Methylcholanthrene	56-49-5	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
3-Methylcholanthrene	56-49-5	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
3-Methylcholanthrene	56-49-5	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
3-Methylcholanthrene	56-49-5	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
3-Methylcholanthrene	56-49-5	ug/L	5/8/2025	<10.0	<10.9								
3-Nitroaniline	99-09-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
3-Nitroaniline	99-09-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
3-Nitroaniline	99-09-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
3-Nitroaniline	99-09-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
3-Nitroaniline	99-09-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
3-Nitroaniline	99-09-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
3-Nitroaniline	99-09-2	ug/L	5/8/2025	<10.0	<10.9								
4,4'-DDD	72-54-8	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
4,4'-DDD	72-54-8	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
4,4'-DDD	72-54-8	ug/L	5/8/2025	<0.0911	<0.0902								
4,4'-DDE	72-55-9	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
4,4'-DDE	72-55-9	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
4,4'-DDE	72-55-9	ug/L	5/8/2025	<0.0911	<0.0902								
4,4'-DDT	50-29-3	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
4,4'-DDT	50-29-3	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
4,4'-DDT	50-29-3	ug/L	5/8/2025	<0.0911	<0.0902								
4,4`-DDD	72-54-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
4,4`-DDD	72-54-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
4,4`-DDD	72-54-8	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	0.00428J	<0.0333	<0.0323	<0.032	0.00245J	0.00427J
4,4`-DDD	72-54-8	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	0.00346J	<0.033	<0.0333	<0.033	<0.0333	<0.0333
4,4`-DDE	72-55-9	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
4,4`-DDE	72-55-9	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
4,4`-DDE	72-55-9	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	<0.0333	<0.0333	<0.0323	<0.032	<0.032	<0.032
4,4`-DDE	72-55-9	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	<0.0333	<0.033	<0.0333	<0.033	0.0052J	<0.0333
4,4`-DDT	50-29-3	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
4,4`-DDT	50-29-3	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
4,4`-DDT	50-29-3	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	0.0129J	<0.0333	0.0057J	<0.032	<0.032	<0.032
4,4`-DDT	50-29-3	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	0.0122J	<0.033	<0.0333	<0.033	<0.0333	<0.0333

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/8/2025	<10.0	<10.9								
4-Aminobiphenyl	92-67-1	ug/L	4/14/2009	<20	<20	<20	<100	<20	<20				
4-Aminobiphenyl	92-67-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Aminobiphenyl	92-67-1	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
4-Aminobiphenyl	92-67-1	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
4-Aminobiphenyl	92-67-1	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
4-Aminobiphenyl	92-67-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
4-Aminobiphenyl	92-67-1	ug/L	5/8/2025	<10.0	<10.9								
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Bromophenyl phenyl ether	101-55-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
4-Bromophenyl phenyl ether	101-55-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/8/2025	<10.0	<10.9								
4-Chloro-3-methylphenol	59-50-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
4-Chloro-3-methylphenol	59-50-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Chloro-3-methylphenol	59-50-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
4-Chloro-3-methylphenol	59-50-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
4-Chloro-3-methylphenol	59-50-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
4-Chloro-3-methylphenol	59-50-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
4-Chloro-3-methylphenol	59-50-7	ug/L	5/8/2025	<10.0	<10.9								
4-Chloroaniline	106-47-8	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
4-Chloroaniline	106-47-8	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
4-Chloroaniline	106-47-8	ug/L	5/8/2025	<10.0	<10.9								
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/8/2025	<10.0	<10.9								
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	7/7/2009							<10	<10	<200	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	9/2/2009							<10	<10	<100	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/25/2009	<10	<10	<10	<10	<10	<10	<10	<10	120	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	1/2/2010							<10	<10	<100	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	3/3/2010							<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	11/1/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/13/2011	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	3/30/2013	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/7/2013		<10	<10	<10	<10	<10	<10	<10		<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	6/2/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/15/2014	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10

Table 9A
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Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/6/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/4/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/17/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/17/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/11/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/23/2018					<10		<10			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/24/2018				<10				<10		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/25/2018			<10						<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/27/2018	<10	<10								
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/16/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/16/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	3/30/2020	<10	<10	<10	<10	<10	<100	<10	<10	<50	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/20/2021	<5	<5	<5	<5	<5		<5	<5	<5	<5
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/2/2022	1.5J	<5	<5	<5	<5		1.5J	<5	<5	<5
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/14/2022	<5	1.4J	<5	<5	<5		<5	<5	<5	<5
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/1/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/16/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/29/2024	<10	<10	<10	<10	<10		<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/9/2024			<10.0					<10.0	<10.0	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/10/2024				<10.0	<10.0		<10.0			<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/14/2024	<10.0	<10.0								
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/8/2025	<10.0	<10.0								
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/20/2025					<10.0	<10.0			<10.0	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/21/2025				<10.0			<10.0	<10.0		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/24/2025	<10.0	<10.0								
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/4/2026				<10.0						
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/12/2026	<10.0	<10.0	<10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
4-Nitroaniline	100-01-6	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
4-Nitroaniline	100-01-6	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Nitroaniline	100-01-6	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
4-Nitroaniline	100-01-6	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
4-Nitroaniline	100-01-6	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
4-Nitroaniline	100-01-6	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
4-Nitroaniline	100-01-6	ug/L	5/8/2025	<10.0	<10.9								
4-Nitrophenol	100-02-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
4-Nitrophenol	100-02-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Nitrophenol	100-02-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
4-Nitrophenol	100-02-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
4-Nitrophenol	100-02-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
4-Nitrophenol	100-02-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
4-Nitrophenol	100-02-7	ug/L	5/8/2025	<10.0	<10.9								
5-Nitro-o-toluidine	99-55-8	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
5-Nitro-o-toluidine	99-55-8	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
5-Nitro-o-toluidine	99-55-8	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
5-Nitro-o-toluidine	99-55-8	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
5-Nitro-o-toluidine	99-55-8	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
5-Nitro-o-toluidine	99-55-8	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
5-Nitro-o-toluidine	99-55-8	ug/L	5/8/2025	<10.0	<10.9								
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	5/8/2025	<10.0	<10.9								
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				

Table 9A
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Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Acenaphthene	83-32-9	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Acenaphthene	83-32-9	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthene	83-32-9	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Acenaphthene	83-32-9	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Acenaphthene	83-32-9	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Acenaphthene	83-32-9	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Acenaphthene	83-32-9	ug/L	5/8/2025	<10.0	<10.9								
Acenaphthylene	208-96-8	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Acenaphthylene	208-96-8	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acenaphthylene	208-96-8	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Acenaphthylene	208-96-8	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Acenaphthylene	208-96-8	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Acenaphthylene	208-96-8	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Acenaphthylene	208-96-8	ug/L	5/8/2025	<10.0	<10.9								
Acetone	67-64-1	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	7/7/2009							<10	<10	858	<10
Acetone	67-64-1	ug/L	9/2/2009							<10	<10	2370	<10
Acetone	67-64-1	ug/L	10/25/2009	<10	<10	<10	<10	<10	<10	<10	<10	1570	<10
Acetone	67-64-1	ug/L	1/2/2010							<10	<10	<100	<10
Acetone	67-64-1	ug/L	3/3/2010							<10	<10	96.2	<10
Acetone	67-64-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	196	<10
Acetone	67-64-1	ug/L	7/8/2010									108	
Acetone	67-64-1	ug/L	9/13/2010									54.6	
Acetone	67-64-1	ug/L	11/1/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
Acetone	67-64-1	ug/L	1/10/2011									<50	
Acetone	67-64-1	ug/L	4/4/2011									<50	
Acetone	67-64-1	ug/L	10/13/2011	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
Acetone	67-64-1	ug/L	4/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Acetone	67-64-1	ug/L	10/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Acetone	67-64-1	ug/L	3/30/2013	<10	<10	<10	<10	<10	<10	<10	<10	<17.9	<10
Acetone	67-64-1	ug/L	10/7/2013		<10	<10	<10	<10	<10	<10	<10		<10
Acetone	67-64-1	ug/L	6/2/2014	<10	<10	<10	<10	<10	<10	<10	<10	3.53J	<10
Acetone	67-64-1	ug/L	10/15/2014	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Acetone	67-64-1	ug/L	4/6/2015	<10	<10	2.29J; <10	<10	<10	<10	<10	<10	4.67J	<10
Acetone	67-64-1	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	7.23J	2.81J
Acetone	67-64-1	ug/L	4/4/2016	<10	<10	1.97J	<10	<10	<10	<10	3.32J	5.15J	<10
Acetone	67-64-1	ug/L	10/17/2016	<10	<10	2.9J	2.13J	<10	<10	<10	<10	9.7J	<10
Acetone	67-64-1	ug/L	4/17/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/11/2017	2.79J	3.99J	7.73J	3.64J	3.05J	4.84J	4.4J	5.34J	4.99J	5.95J; 2.75J
Acetone	67-64-1	ug/L	4/23/2018					<10		<10			
Acetone	67-64-1	ug/L	4/24/2018				2.08J				<10		
Acetone	67-64-1	ug/L	4/25/2018			2.97J						10.5	2.96J
Acetone	67-64-1	ug/L	4/27/2018	2.24J	2.06J								
Acetone	67-64-1	ug/L	10/16/2018	3.69J	4.44J	3.34J	<10	<10	3.14J	<10	<10	7.03J	<10
Acetone	67-64-1	ug/L	4/16/2019	<10	3.62J	<10	<10	<10	<10	<10	<10	4.03J	<10
Acetone	67-64-1	ug/L	10/1/2019	<10	3.94J	9.18J	<10	4.62J	<10	<10	<10	38.9J	<10
Acetone	67-64-1	ug/L	3/30/2020	<10	<10	<10	<10	<10	<100	<10	<10	<50	<10
Acetone	67-64-1	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	4/13/2021	<10	<10	<10	<10	<10	18.2	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/20/2021	<10	<10	<10	<10	<10		<10	<10	<10	<10

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Acetone	67-64-1	ug/L	5/2/2022	<10	<10	<10	<10	<10		<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/14/2022	<10	<10	<10	<10	<10		<10	<10	<10	<10
Acetone	67-64-1	ug/L	5/1/2023	<10	<10	9.12J	<10	<10		<10	<10	5.74J	8.8J
Acetone	67-64-1	ug/L	10/16/2023	<10	<10	<10	<10	<10		<10	<10	3.54J	79.3
Acetone	67-64-1	ug/L	4/29/2024	<10	<10	3.61J	<10	<10		<10	<10	<10	8.39J
Acetone	67-64-1	ug/L	10/9/2024			<10.0					<10.0	3.55J	
Acetone	67-64-1	ug/L	10/10/2024				<10.0	<10.0		<10.0			10.9
Acetone	67-64-1	ug/L	10/14/2024	<10.0	<10.0								
Acetone	67-64-1	ug/L	4/28/2025			<10.0					<10.0	6.54	<10.0
Acetone	67-64-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Acetone	67-64-1	ug/L	5/8/2025	<10.0	<10.0								
Acetone	67-64-1	ug/L	10/20/2025					<10.0	<10.0			4.48	
Acetone	67-64-1	ug/L	10/21/2025				<10.0			<10.0	<10.0		
Acetone	67-64-1	ug/L	10/24/2025	<10.0	<10.0								
Acetone	67-64-1	ug/L	5/4/2026				<10.0						
Acetone	67-64-1	ug/L	5/12/2026	<10.0	<10.0	<10.0		<10.0	<10.0	<10.0	<10.0	5.97	<10.0
Acetonitrile	75-05-8	mg/L	4/14/2009	<10	<10	<10	<10	<10	<10				
Acetonitrile	75-05-8	mg/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetonitrile	75-05-8	mg/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetonitrile	75-05-8	mg/L	3/30/2020	<10	<10	<10	<10	<10	<10	<10	0.48J	<10	<10
Acetonitrile	75-05-8	mg/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
Acetonitrile	75-05-8	mg/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Acetonitrile	75-05-8	mg/L	5/8/2025	<10.0	<10.0								
Acetophenone	98-86-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Acetophenone	98-86-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetophenone	98-86-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Acetophenone	98-86-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Acetophenone	98-86-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Acetophenone	98-86-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Acetophenone	98-86-2	ug/L	5/8/2025	<10.0	<10.9								
Acrolein	107-02-8	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
Acrolein	107-02-8	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
Acrolein	107-02-8	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acrolein	107-02-8	ug/L	3/30/2020	<10	<10	<10	<10	<10	<100	<10	<10	<50	<10
Acrolein	107-02-8	ug/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
Acrolein	107-02-8	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Acrolein	107-02-8	ug/L	5/8/2025	<10.0	<10.0								
Acrylonitrile	107-13-1	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	7/7/2009							<10	<10	<200	<10
Acrylonitrile	107-13-1	ug/L	9/2/2009							<10	<10	<100	<10
Acrylonitrile	107-13-1	ug/L	10/25/2009	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Acrylonitrile	107-13-1	ug/L	1/2/2010							<10	<10	<100	<10
Acrylonitrile	107-13-1	ug/L	3/3/2010							<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
Acrylonitrile	107-13-1	ug/L	11/1/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
Acrylonitrile	107-13-1	ug/L	10/13/2011	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
Acrylonitrile	107-13-1	ug/L	4/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Acrylonitrile	107-13-1	ug/L	10/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Acrylonitrile	107-13-1	ug/L	3/30/2013	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	10/7/2013		<10	<10	<10	<10	<10	<10	<10		<10
Acrylonitrile	107-13-1	ug/L	6/2/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	10/15/2014	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Acrylonitrile	107-13-1	ug/L	4/6/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Acrylonitrile	107-13-1	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	4/4/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	10/17/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	4/17/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/11/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	4/23/2018					<5		<5			
Acrylonitrile	107-13-1	ug/L	4/24/2018				<5				<5		
Acrylonitrile	107-13-1	ug/L	4/25/2018			<5						<5	<5
Acrylonitrile	107-13-1	ug/L	4/27/2018	<5	<5								
Acrylonitrile	107-13-1	ug/L	10/16/2018	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	4/16/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Acrylonitrile	107-13-1	ug/L	3/30/2020	<5	<5	<5	<5	<5	<50	<5	<5	<25	<5
Acrylonitrile	107-13-1	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/20/2021	<5	<5	<5	<5	<5		<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	5/2/2022	<5	<5	<5	<5	<5		<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/14/2022	<5	<5	<5	<5	<5		<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	5/1/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/16/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	4/29/2024	<5	<5	<5	<5	<5		<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/9/2024			<5.00					<5.00	<5.00	
Acrylonitrile	107-13-1	ug/L	10/10/2024				<5.00	<5.00		<5.00			<5.00
Acrylonitrile	107-13-1	ug/L	10/14/2024	<5.00	<5.00								
Acrylonitrile	107-13-1	ug/L	4/28/2025			<5.00					<5.00	<5.00	<5.00
Acrylonitrile	107-13-1	ug/L	4/29/2025				<5.00	<5.00	<5.00	<5.00			
Acrylonitrile	107-13-1	ug/L	5/8/2025	<5.00	<5.00								
Acrylonitrile	107-13-1	ug/L	10/20/2025					<5.00	<5.00			<5.00	
Acrylonitrile	107-13-1	ug/L	10/21/2025				<5.00			<5.00	<5.00		
Acrylonitrile	107-13-1	ug/L	10/24/2025	<5.00	<5.00								
Acrylonitrile	107-13-1	ug/L	5/4/2026				<5.00						
Acrylonitrile	107-13-1	ug/L	5/12/2026	<5.00	<5.00	<5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Aldrin	309-00-2	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Aldrin	309-00-2	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Aldrin	309-00-2	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	<0.0333	<0.0333	<0.0323	<0.032	0.00649J	<0.032
Aldrin	309-00-2	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	<0.0333	<0.033	<0.0333	<0.00464	0.00499J	<0.0333
Aldrin	309-00-2	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
Aldrin	309-00-2	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
Aldrin	309-00-2	ug/L	5/8/2025	<0.0911	<0.0902								
Alkalinity, Phenol [CaCO3]	PALK	mg/L	6/2/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5
Alkalinity, Phenol [CaCO3]	PALK	mg/L	10/15/2014			<5	<5	<5	<5	<5	<5	<5	<5
Alkalinity, Phenol [CaCO3]	PALK	mg/L	3/30/2020				<10						
Alkalinity, Total [CaCO3]	TALK	mg/L	6/2/2014	712	697	1200	759		784	599	624	1820	619
Alkalinity, Total [CaCO3]	TALK	mg/L	10/15/2014	717	692	1210	764	444	790	597	592	1800	642
Alkalinity, Total [CaCO3]	TALK	mg/L	3/30/2020				601						
Allyl Chloride	107-05-1	ug/L	4/14/2009	<2	<2	<2	<2	<2	<2				
Allyl Chloride	107-05-1	ug/L	5/10/2010	<2	<2	<2	<2	<2	<2	<2	<2	<10	<2
Allyl Chloride	107-05-1	ug/L	10/5/2015	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Allyl Chloride	107-05-1	ug/L	3/30/2020	<2	<2	<2	<2	<2	<20	<2	<2	<10	<2
Allyl chloride	107-05-1	ug/L	4/28/2025			<2.00					<2.00	<2.00	<2.00
Allyl chloride	107-05-1	ug/L	4/29/2025				<2.00	<2.00	<2.00	<2.00			
Allyl chloride	107-05-1	ug/L	5/8/2025	<2.00	<2.00								
Alpha-BHC	319-84-6	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Alpha-BHC	319-84-6	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Alpha-BHC	319-84-6	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	0.00173J	0.00652J	<0.0333	0.00382J	<0.032	0.00365J	0.0025J
Alpha-BHC	319-84-6	ug/L	3/30/2020	<0.0356	<0.034	0.00297J	0.00432J	0.00569J	<0.033	0.00283J	<0.033	<0.0333	<0.0333
Alpha-Chlordane	5103-71-9	ug/L	5/10/2010				<0.032			<0.032			
Ammonia as N	7664-41-7	mg/L	4/6/2015	0.539	0.635	0.386	0.154J	<0.2	<0.2	<0.2	0.243	120	5.63

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Ammonia as N	7664-41-7	mg/L	10/5/2015	0.464	0.481	0.617	0.17J	<0.2	<0.2	<0.2	0.297	134	5.22
Ammonia as N	7664-41-7	mg/L	4/4/2016	0.689	1.29	0.397	0.109J	<0.2	<0.2	<0.2	0.249	135	6.57
Ammonia as N	7664-41-7	mg/L	10/17/2016	0.69	1.21	0.727	0.164J	<0.2	<0.2	<0.2	0.357	150	5.22
Anthracene	120-12-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Anthracene	120-12-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Anthracene	120-12-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Anthracene	120-12-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Anthracene	120-12-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Anthracene	120-12-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Anthracene	120-12-7	ug/L	5/8/2025	<10.0	<10.9								
Antimony	7440-36-0	mg/L	2/27/2008	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	5/12/2008	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	7/13/2008	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	9/14/2008	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	11/17/2008	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	4/14/2009	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	7/7/2009							<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	9/2/2009							<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	10/25/2009	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	1/2/2010							<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	3/3/2010							<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	5/10/2010	<0.002	<0.002	<0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002
Antimony	7440-36-0	mg/L	11/1/2010	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.012	<0.006
Antimony	7440-36-0	mg/L	4/4/2011	<0.006	<0.006	<0.006	<0.006						
Antimony	7440-36-0	mg/L	10/13/2011	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	4/11/2012	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	10/11/2012	<0.006	<0.006	<0.012	<0.006	<0.018	<0.012	<0.012	<0.012	<0.012	<0.006
Antimony	7440-36-0	mg/L	3/30/2013	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	10/7/2013	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	6/2/2014	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	10/15/2014	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	4/6/2015	<0.001	<0.001	<0.001	<0.001	0.000182J	<0.001	<0.001	<0.001	0.000578J	<0.001
Antimony	7440-36-0	mg/L	10/5/2015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000573J	<0.001
Antimony	7440-36-0	mg/L	4/4/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000578J	<0.001
Antimony	7440-36-0	mg/L	10/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000549J	<0.001
Antimony	7440-36-0	mg/L	4/17/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000517J	<0.001
Antimony	7440-36-0	mg/L	10/11/2017	<0.001	<0.001	0.000425J	0.000227J	<0.001	0.000307J	0.000227J	0.000217J	0.000992J	<0.001
Antimony	7440-36-0	mg/L	4/23/2018					<0.001		<0.001			
Antimony	7440-36-0	mg/L	4/24/2018				<0.001				<0.001		
Antimony	7440-36-0	mg/L	4/25/2018			<0.001						0.000563J	<0.001
Antimony	7440-36-0	mg/L	4/27/2018	<0.001	<0.001								
Antimony	7440-36-0	mg/L	10/16/2018	<0.001	<0.001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Antimony	7440-36-0	mg/L	4/16/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000578J	<0.001
Antimony	7440-36-0	mg/L	10/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00061J	<0.001
Antimony	7440-36-0	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000596J	<0.001
Antimony	7440-36-0	mg/L	10/7/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000678J	<0.001
Antimony	7440-36-0	mg/L	4/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0005J	<0.002
Antimony	7440-36-0	mg/L	10/20/2021	<0.002	<0.002	<0.002	<0.002	<0.002		0.0006J	<0.002	0.0006J	<0.002
Antimony	7440-36-0	mg/L	5/2/2022	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	0.0005J	<0.002
Antimony	7440-36-0	mg/L	10/14/2022	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	5/1/2023	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	10/16/2023	0.00115J	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	4/29/2024	<0.002	<0.002	<0.008	<0.002	<0.002		<0.002	<0.002	<0.002	<0.008
Antimony	7440-36-0	mg/L	10/9/2024			<0.00200					<0.00200	<0.00200	
Antimony	7440-36-0	mg/L	10/10/2024				<0.00200	<0.00200		<0.00200			<0.00200
Antimony	7440-36-0	mg/L	10/14/2024	<0.00200	<0.00200								
Antimony	7440-36-0	mg/L	4/28/2025			<0.00200					<0.0100	<0.00200	<0.00200
Antimony	7440-36-0	mg/L	4/29/2025				<0.00200	<0.00200	<0.00200	<0.00200			

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Antimony	7440-36-0	mg/L	5/8/2025	<0.00200	<0.00200								
Antimony	7440-36-0	mg/L	10/20/2025					<0.00200	<0.00200			<0.00200	
Antimony	7440-36-0	mg/L	10/21/2025				<0.00200			<0.00200	<0.00200		
Antimony	7440-36-0	mg/L	10/24/2025	<0.00200	<0.00200								
Antimony	7440-36-0	mg/L	5/4/2026				<0.00100						
Antimony	7440-36-0	mg/L	5/12/2026	<0.00100	<0.00100	<0.00100		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Arsenic	7440-38-2	mg/L	2/27/2008	0.164	0.001	0.032	0.177	<0.001	0.002				
Arsenic	7440-38-2	mg/L	5/12/2008	0.056	0.021	0.031	0.117	<0.001	<0.001				
Arsenic	7440-38-2	mg/L	7/13/2008	0.048	0.012	0.03	0.141	<0.001	0.002				
Arsenic	7440-38-2	mg/L	9/14/2008	0.049	0.002	0.037	0.192	<0.001	<0.001				
Arsenic	7440-38-2	mg/L	11/17/2008	0.0402	0.00126	0.042	0.172	<0.001	<0.001				
Arsenic	7440-38-2	mg/L	4/14/2009	0.033	0.0028	0.037	0.14	<0.001	<0.001				
Arsenic	7440-38-2	mg/L	7/7/2009	0.03	0.0041	0.032	0.122			0.002; <0.001	0.053; 0.054	0.043	0.0065
Arsenic	7440-38-2	mg/L	9/2/2009	0.04	0.0045	0.043	0.13			<0.001	0.058	0.092; 0.096	0.012
Arsenic	7440-38-2	mg/L	10/25/2009	0.032	0.005; 0.0052	0.039	0.13	<0.001	<0.001	<0.001	0.073	0.09	0.0068
Arsenic	7440-38-2	mg/L	1/2/2010	0.039	0.015	0.042	0.12			0.0056	0.076	0.12	0.0073
Arsenic	7440-38-2	mg/L	3/3/2010							0.003	0.086	0.079; 0.081	0.007
Arsenic	7440-38-2	mg/L	5/10/2010	0.038	0.0092	0.034	0.092	<0.001	<0.001	0.0061	0.057	0.071	0.0098
Arsenic	7440-38-2	mg/L	7/8/2010							0.0022	0.06	0.064	0.0096
Arsenic	7440-38-2	mg/L	9/13/2010							0.0061	0.073	0.094	0.0067
Arsenic	7440-38-2	mg/L	11/1/2010							<0.001	0.064	0.081	0.0037
Arsenic	7440-38-2	mg/L	1/10/2011							<0.001	0.0576	0.0684	
Arsenic	7440-38-2	mg/L	4/4/2011							0.0036	0.071	0.077	0.0025
Arsenic	7440-38-2	mg/L	10/13/2011	0.0414	0.0181	0.0594	0.115	<0.001	<0.001	0.00187	0.0737	0.079	0.00834
Arsenic	7440-38-2	mg/L	4/11/2012	0.0204	0.011	0.0073	0.0843	<0.001	<0.001	<0.001	0.0644	0.0705	0.00562
Arsenic	7440-38-2	mg/L	10/11/2012	0.0111	0.00689	0.0485	0.0969	<0.001	<0.001	<0.001	0.0787	0.0958	0.011
Arsenic	7440-38-2	mg/L	3/30/2013	0.00962	0.00344	0.0359	0.0696	<0.001	<0.001	<0.001	0.0677	0.0608	0.0075
Arsenic	7440-38-2	mg/L	10/7/2013	0.0102	0.00497	0.0472; 0.0456	0.0879	<0.001	<0.001	<0.001	0.0739	0.0806	0.00937
Arsenic	7440-38-2	mg/L	6/2/2014	0.0337; 0.0531	0.0147	0.0426	0.072	0.000377J	0.000844J	0.000267J	0.0619	0.191	0.0094
Arsenic	7440-38-2	mg/L	10/15/2014	0.0291	0.00479	0.0551	0.1	<0.001	<0.001	<0.001	0.0757	<0.005	0.0156
Arsenic	7440-38-2	mg/L	4/6/2015	0.0249	0.00553	0.0458; 0.0488	0.0649	<0.002	<0.002	<0.002	0.0632	0.0586	0.0326
Arsenic	7440-38-2	mg/L	10/5/2015	0.0273	0.0129	0.0621	0.0773	<0.002	0.00181J	<0.002	0.0589	0.0724	0.0389
Arsenic	7440-38-2	mg/L	4/4/2016	0.0424	0.0113	0.0516	0.0739	<0.002	0.00479	<0.002	0.0756	0.0662	0.0522
Arsenic	7440-38-2	mg/L	10/17/2016	0.0375	0.014	0.0604	0.0807	<0.002	0.00125J	<0.002	0.0622; 0.0653	0.0517	0.047
Arsenic	7440-38-2	mg/L	4/17/2017	0.0592	0.0165	0.0483	0.0613	<0.002	0.00447	<0.002	0.055	0.0468	0.0201
Arsenic	7440-38-2	mg/L	10/11/2017	0.0497	0.00794	0.0589	0.116	<0.002	0.00236	0.000935J	0.0643	0.0684	0.0585; 0.0565
Arsenic	7440-38-2	mg/L	4/23/2018					<0.002		<0.002			
Arsenic	7440-38-2	mg/L	4/24/2018				0.0386				0.0671		
Arsenic	7440-38-2	mg/L	4/25/2018			0.0654						0.0668	0.0369
Arsenic	7440-38-2	mg/L	4/27/2018	0.0817	0.00613								
Arsenic	7440-38-2	mg/L	10/16/2018	0.0915	0.0103	0.0565	0.0639	0.000579J	0.00429	0.00155	0.0625	0.0457	0.0131
Arsenic	7440-38-2	mg/L	4/16/2019	0.0812	0.0421	0.0521	0.0325	<0.002	0.00155J	<0.002	0.0612	0.0368	0.00546
Arsenic	7440-38-2	mg/L	10/1/2019	0.0494; 0.0558	0.0166	0.0641	0.0792	<0.002	0.00495	<0.002	0.0649	0.0573	0.0106
Arsenic	7440-38-2	mg/L	3/30/2020	0.0435	0.0129	0.0455	0.0412	<0.002	0.00258	<0.002	0.0632	0.0345	0.0018J
Arsenic	7440-38-2	mg/L	10/7/2020	0.0418	0.0196	0.0569	0.0983	<0.002	0.004	<0.002	0.0619	0.0467	0.074
Arsenic	7440-38-2	mg/L	4/13/2021	0.0695	0.0209	0.0424	0.0362; 0.0349	<0.004	0.005	<0.004	0.0561	0.0283	0.0027J
Arsenic	7440-38-2	mg/L	10/20/2021	0.0937	0.0124	0.0555	0.085	<0.004	0.0102	0.0024J	0.0624	0.0452	0.0259
Arsenic	7440-38-2	mg/L	5/2/2022	0.0577	0.023	0.0435	0.0379	0.0013J	0.0066	0.001J	0.0515	0.0285	0.0015J
Arsenic	7440-38-2	mg/L	10/14/2022	0.019	0.0229	0.0598	0.0742	0.0011J	0.0042	0.0012J	0.0535	0.0385	0.0173
Arsenic	7440-38-2	mg/L	5/1/2023	0.0961	0.0226	0.0417	0.0379	<0.002	0.00376	<0.002	0.0514	0.0316	0.00188J
Arsenic	7440-38-2	mg/L	10/16/2023	0.0185	0.0148	0.0496	0.0882	<0.002	0.00163J	<0.002	0.0581	0.0417	0.0038
Arsenic	7440-38-2	mg/L	4/29/2024	0.0349	0.00299	0.0236	0.0464	<0.002	0.000677J	<0.002	0.0579	0.036	0.00409J
Arsenic	7440-38-2	mg/L	10/9/2024			0.0338			0.00305		0.0617	0.0297	
Arsenic	7440-38-2	mg/L	10/10/2024				0.0896	<0.00200		<0.00200			0.00233
Arsenic	7440-38-2	mg/L	10/14/2024	0.0115	0.00444								
Arsenic	7440-38-2	mg/L	4/28/2025			0.0279					0.259	0.0295	0.00186
Arsenic	7440-38-2	mg/L	4/29/2025				0.0433	<0.00200	0.00184	<0.00200			
Arsenic	7440-38-2	mg/L	5/8/2025	0.0146	0.00232								

Table 9A
Analytical Data Summary - Source Characterization Wells
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Arsenic	7440-38-2	mg/L	10/20/2025					0.000580	0.00134			0.0261	
Arsenic	7440-38-2	mg/L	10/21/2025				0.0736			0.000585	0.0533		
Arsenic	7440-38-2	mg/L	10/24/2025	0.0102	0.0147								
Arsenic	7440-38-2	mg/L	5/4/2026				0.0495						
Arsenic	7440-38-2	mg/L	5/12/2026	0.0260	0.00278	0.0218		0.000259	0.000944	0.000269	0.0489	0.0329	0.00196
Barium	7440-39-3	mg/L	2/27/2008	1.05	0.316	0.956	0.666	0.456	0.932				
Barium	7440-39-3	mg/L	5/12/2008	0.573	0.368	0.696	0.552	0.405	1.06				
Barium	7440-39-3	mg/L	7/13/2008	0.642	0.361	0.722	0.561	0.411	0.807				
Barium	7440-39-3	mg/L	9/14/2008	0.407	0.288	0.698	0.676	0.467	0.835				
Barium	7440-39-3	mg/L	11/17/2008	0.464	0.289	0.758	0.741	0.469	0.836				
Barium	7440-39-3	mg/L	4/14/2009	0.451	0.305	0.685	0.594	0.438	1.06				
Barium	7440-39-3	mg/L	7/7/2009	0.445	0.334	0.701	0.535	0.413	0.892	0.305; 0.319	0.46; 0.526	1.06	0.328
Barium	7440-39-3	mg/L	9/2/2009	0.469	0.318	0.662	0.56	0.44	1.07	0.258	0.489	1.74	0.702
Barium	7440-39-3	mg/L	10/25/2009	0.464	0.332	0.707	0.552	0.43	0.997	0.283	0.501	2.18	0.659
Barium	7440-39-3	mg/L	1/2/2010	0.554	0.483	0.725	0.569	0.516	0.951	0.381	0.497	1.79	0.6
Barium	7440-39-3	mg/L	3/3/2010							0.38	0.645	1.47	0.541
Barium	7440-39-3	mg/L	5/10/2010	0.565	0.38	0.666	0.506	0.418	0.96	0.411	0.461	1.22	0.535
Barium	7440-39-3	mg/L	7/8/2010							0.369	0.458	0.988	0.591
Barium	7440-39-3	mg/L	9/13/2010							0.386	0.459	1	0.649
Barium	7440-39-3	mg/L	11/1/2010	0.559	0.36	0.736	0.538	0.474	1.14	0.416	0.447	0.868	0.581
Barium	7440-39-3	mg/L	1/10/2011							0.358	0.452	1.01	
Barium	7440-39-3	mg/L	4/4/2011							0.401	0.427	0.87	0.371
Barium	7440-39-3	mg/L	10/13/2011	0.431	0.365	0.766	0.573	0.531	0.889	0.423	0.499	0.839	2.33
Barium	7440-39-3	mg/L	4/11/2012	0.4	0.345	0.722	0.459	0.428	1.07	0.322	0.421	0.838	0.707
Barium	7440-39-3	mg/L	10/11/2012	0.413	0.269	0.765	0.536	0.574	1.15	0.36	0.462	0.723	0.99
Barium	7440-39-3	mg/L	3/30/2013	0.382	0.316	0.678	0.507	0.543	1.25	0.311	0.477	1.03	0.687
Barium	7440-39-3	mg/L	10/7/2013	0.411	0.324	0.835; 0.878	0.527	0.554; 0.552	1.05	0.383	0.408	2.4	0.798
Barium	7440-39-3	mg/L	6/2/2014	0.443; 0.402	0.309	0.769	0.478	0.429	0.964	0.361	0.322	1.11	0.793
Barium	7440-39-3	mg/L	10/15/2014	0.407	0.343	0.829	0.517	0.484	0.925	0.397	0.409	0.961	1
Barium	7440-39-3	mg/L	4/6/2015	0.401	0.367	0.818; 0.876	0.48	0.449	1.08	0.319	0.396	0.984	1.05
Barium	7440-39-3	mg/L	10/5/2015	0.467	0.428	0.946	0.547	0.658	1.13	0.367	0.404	0.89	1.16
Barium	7440-39-3	mg/L	4/4/2016	0.488	0.378	0.914	0.531	0.484	0.998	0.284	0.514	0.824	0.779
Barium	7440-39-3	mg/L	10/17/2016	0.382	0.341	0.933	0.456	0.556	1.13	0.325	0.392; 0.406	0.628	0.875
Barium	7440-39-3	mg/L	4/17/2017	0.463	0.45	0.974	0.459	0.551	1.13	0.278	0.471	0.622	0.29
Barium	7440-39-3	mg/L	10/11/2017	0.41	0.366	0.697	0.621	0.6	0.887	0.219	0.415	0.585	0.772; 0.812
Barium	7440-39-3	mg/L	4/23/2018					0.507		0.247			
Barium	7440-39-3	mg/L	4/24/2018				0.353				0.481		
Barium	7440-39-3	mg/L	4/25/2018			0.857						0.84	0.335
Barium	7440-39-3	mg/L	4/27/2018	0.604	0.283								
Barium	7440-39-3	mg/L	10/16/2018	0.531	0.28	0.827	0.525	0.569	1.31	0.326	0.435	0.574	0.281
Barium	7440-39-3	mg/L	4/16/2019	0.796	0.687	0.78	0.412	0.625	1.16	0.21	0.594	0.665	0.219
Barium	7440-39-3	mg/L	10/1/2019	0.353; 0.412	0.329	0.902	0.533	0.473	1.03	0.31	0.463	0.87	0.379
Barium	7440-39-3	mg/L	3/30/2020	0.433	0.279	0.806	0.396	0.457	1.26	0.192	0.56	0.713	0.102
Barium	7440-39-3	mg/L	10/7/2020	0.424	0.329	0.695	0.502	0.594	1.17	0.237	0.472	0.718	1.18
Barium	7440-39-3	mg/L	4/13/2021	0.445	0.32	0.652	0.399; 0.387	0.423	1.09	0.184	0.453	0.59	0.0641
Barium	7440-39-3	mg/L	10/20/2021	0.456	0.456	0.61	0.453	0.554		0.509	0.439	0.633	0.768
Barium	7440-39-3	mg/L	5/2/2022	0.488	0.347	0.653	0.339	0.465		0.179	0.43	0.603	0.118
Barium	7440-39-3	mg/L	10/14/2022	0.251	0.374	0.668	0.508	0.564		0.183	0.415	0.696	0.401
Barium	7440-39-3	mg/L	5/1/2023	0.705	0.391	0.862	0.346	0.487		0.15	0.413	0.551	0.061
Barium	7440-39-3	mg/L	10/16/2023	0.37	0.306	0.593	0.471	0.563		0.182	0.379	0.647	0.155
Barium	7440-39-3	mg/L	4/29/2024	0.126	0.228	0.472	0.314	0.376		0.144	0.383	0.803	0.0855
Barium	7440-39-3	mg/L	10/9/2024			0.595					0.423	0.659	
Barium	7440-39-3	mg/L	10/10/2024				0.461	0.556		0.122			0.668
Barium	7440-39-3	mg/L	10/14/2024	0.274	0.323								
Barium	7440-39-3	mg/L	4/28/2025			0.467					1.96	0.686	0.358
Barium	7440-39-3	mg/L	4/29/2025				0.322	0.431	0.754	0.0774			
Barium	7440-39-3	mg/L	5/8/2025	0.0909	0.197								
Barium	7440-39-3	mg/L	10/20/2025					0.502	0.653			0.585	

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Barium	7440-39-3	mg/L	10/21/2025				0.399			0.110	0.354		
Barium	7440-39-3	mg/L	10/24/2025	0.233	0.385								
Barium	7440-39-3	mg/L	5/4/2026				0.335						
Barium	7440-39-3	mg/L	5/12/2026	0.181	0.191	0.442		0.419	0.672	0.120	0.431	0.804	0.116
Benzene	71-43-2	ug/L	2/27/2008	<0.5	<0.5	0.59	1.42	0.64	<0.5				
Benzene	71-43-2	ug/L	5/12/2008	<0.5	<0.5	<0.5	1.11	<0.5	<0.5				
Benzene	71-43-2	ug/L	7/13/2008	<0.5	<0.5	<0.5	1.59	<0.5	<0.5				
Benzene	71-43-2	ug/L	9/14/2008	<0.5	<0.5	0.6	1.46	0.66	<0.5				
Benzene	71-43-2	ug/L	11/17/2008	<0.5	<0.5	0.72	1.48	0.65	<0.5				
Benzene	71-43-2	ug/L	4/14/2009	<0.5	<0.5	<0.5	1.11	0.54	<0.5				
Benzene	71-43-2	ug/L	7/7/2009				1.08	0.56		<0.5; 0.53	3.48; 3.54	<10	<0.5
Benzene	71-43-2	ug/L	9/2/2009				0.97	0.53		<0.5	2.67	9.2	<0.5
Benzene	71-43-2	ug/L	10/25/2009	<0.5	<0.5	0.67	1.14	0.5	<0.5	<0.5	3.12	8.4	<0.5
Benzene	71-43-2	ug/L	1/2/2010				1.14	0.56		<0.5	3.4	7.7	<0.5
Benzene	71-43-2	ug/L	3/3/2010							<0.5	4.65	8.49	<0.5
Benzene	71-43-2	ug/L	5/10/2010	<0.5	<0.5	0.56	0.8	<0.5	<0.5	<0.5	3.08	8.05	<0.5
Benzene	71-43-2	ug/L	7/8/2010								2.96	11.1	
Benzene	71-43-2	ug/L	9/13/2010								2.85	9.08	
Benzene	71-43-2	ug/L	11/1/2010	<0.5	<0.5	<0.5	0.73	0.61	<0.5	<0.5	3.1	11.4	<0.5
Benzene	71-43-2	ug/L	1/10/2011								2.99	7.6	
Benzene	71-43-2	ug/L	4/4/2011				0.67	0.61			4.15	9.85	
Benzene	71-43-2	ug/L	10/13/2011	<0.5	<0.5	0.72	0.68	0.7	<0.5	<0.5	3.26	9.75	<0.5
Benzene	71-43-2	ug/L	4/11/2012	<0.5	<0.5	0.55	0.67	<0.5	<0.5	<0.5	1.96	10.9	<0.5
Benzene	71-43-2	ug/L	10/11/2012	<0.5	<0.5	<0.5	0.71	0.8	<0.5	<0.5	2.4	12.6	<0.5
Benzene	71-43-2	ug/L	3/30/2013	<0.5	<0.5	<0.5	0.54	0.504	<0.5	<0.5	1.4	7.84	<0.5
Benzene	71-43-2	ug/L	10/7/2013		<0.5	<0.5	<0.5	0.748; 0.665	<0.5	<0.5	0.782		<0.5
Benzene	71-43-2	ug/L	6/2/2014	<0.5	<0.5	0.508	0.354J	0.598	0.169J	<0.5	0.631	7.16	<0.5
Benzene	71-43-2	ug/L	10/15/2014	<0.5	<0.5	0.529	0.464J	0.505	<0.5	<0.5	<0.5	9.3	<0.5
Benzene	71-43-2	ug/L	4/6/2015	<0.5	<0.5	0.576; 0.442J	0.226J	0.463J	0.277J	<0.5	0.428J	8.6	<0.5
Benzene	71-43-2	ug/L	10/5/2015	<0.5	<0.5	0.675	0.198J	0.745	0.272J	<0.5	<0.5	10.6	<0.5
Benzene	71-43-2	ug/L	4/4/2016	<0.5	<0.5	0.526	0.226J	0.38J	0.378J	<0.5	0.11J	10.2	0.141J
Benzene	71-43-2	ug/L	10/17/2016	<0.5	<0.5	0.659	<0.5	0.747	0.589	0.138J	<0.5	11.8	<0.5
Benzene	71-43-2	ug/L	4/17/2017	<0.5	<0.5	0.505	<0.5	0.475J	<0.5	<0.5	<0.5	9.59	<0.5
Benzene	71-43-2	ug/L	10/11/2017	<0.5	<0.5	0.344J	<0.5	0.63	0.471J	<0.5	<0.5	13.2	0.121J; <0.5
Benzene	71-43-2	ug/L	4/23/2018					0.525		<0.5			
Benzene	71-43-2	ug/L	4/24/2018				<0.5				0.157J		
Benzene	71-43-2	ug/L	4/25/2018			0.174J						9.89	<0.5
Benzene	71-43-2	ug/L	4/27/2018	<0.5	<0.5								
Benzene	71-43-2	ug/L	10/16/2018	<0.5	<0.5	<0.5	<0.5	0.553	0.548	<0.5	<0.5	10.1	<0.5
Benzene	71-43-2	ug/L	4/16/2019	<0.5	<0.5	<0.5	<0.5	0.446J	0.843	<0.5	0.22J	8.97	<0.5
Benzene	71-43-2	ug/L	10/1/2019	<0.5	<0.5	<0.5	<0.5	0.462J	1.74	<0.5	<0.5	8.93	<0.5
Benzene	71-43-2	ug/L	3/30/2020	<0.5	<0.5	<0.5	<0.5	0.349J	<5	<0.5	<0.5	9.17	<0.5
Benzene	71-43-2	ug/L	10/7/2020	<0.5	<0.5	<0.5	<0.5	0.348J	2.5	<0.5	<0.5	8.88	<0.5
Benzene	71-43-2	ug/L	4/13/2021	<1	<1	<1	<1	0.3J	2.5	<1	<1	11.4	<1
Benzene	71-43-2	ug/L	10/20/2021	<1	<1	<1	<1	0.3J	4.2	<1	<1	10.7	<1
Benzene	71-43-2	ug/L	5/2/2022	<1	<1	<1	<1	0.3J	4.6	<1	<1	11.2	<1
Benzene	71-43-2	ug/L	10/14/2022	<1	<1	<1	<1	0.4J	4.7	<1	<1	9.7	<1
Benzene	71-43-2	ug/L	5/1/2023	<0.5	<0.5	<0.5	<0.5	0.349J	4.93	<0.5	<0.5	8.47	<0.5
Benzene	71-43-2	ug/L	10/16/2023	<0.5	<0.5	<0.5	<0.5	0.359J	3.73	<0.5	<0.5	9.31	<0.5
Benzene	71-43-2	ug/L	4/29/2024	<0.5	<0.5	<0.5	<0.5	<0.5	1.97	<0.5	<0.5	8.43	<0.5
Benzene	71-43-2	ug/L	10/9/2024			<0.500			1.74		<0.500	9.27	
Benzene	71-43-2	ug/L	10/10/2024				<0.500	0.437J		<0.500			<0.500
Benzene	71-43-2	ug/L	10/14/2024	<0.500	<0.500								
Benzene	71-43-2	ug/L	4/28/2025			<0.500					<0.500	9.20	<0.500
Benzene	71-43-2	ug/L	4/29/2025				<0.500	<0.500	1.96	<0.500			
Benzene	71-43-2	ug/L	5/8/2025	<0.500	<0.500								
Benzene	71-43-2	ug/L	10/20/2025					0.260	1.42			11.1	
Benzene	71-43-2	ug/L	10/21/2025				<0.500			<0.500	<0.500		

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Benzene	71-43-2	ug/L	10/24/2025	<0.500	<0.500								
Benzene	71-43-2	ug/L	5/4/2026				<0.500						
Benzene	71-43-2	ug/L	5/12/2026	<0.500	<0.500	<0.500		0.402	1.94	<0.500	<0.500	11.5	<0.500
Benzo [k] fluoranthene	207-08-9	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Benzo [k] fluoranthene	207-08-9	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo [k] fluoranthene	207-08-9	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Benzo [k] fluoranthene	207-08-9	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Benzo[a]anthracene	56-55-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Benzo[a]anthracene	56-55-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo[a]anthracene	56-55-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Benzo[a]anthracene	56-55-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Benzo[a]anthracene	56-55-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Benzo[a]anthracene	56-55-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Benzo[a]anthracene	56-55-3	ug/L	5/8/2025	<10.0	<10.9								
Benzo[a]pyrene	50-32-8	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Benzo[a]pyrene	50-32-8	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo[a]pyrene	50-32-8	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Benzo[a]pyrene	50-32-8	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Benzo[a]pyrene	50-32-8	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Benzo[a]pyrene	50-32-8	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Benzo[a]pyrene	50-32-8	ug/L	5/8/2025	<10.0	<10.9								
Benzo[b]fluoranthene	205-99-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Benzo[b]fluoranthene	205-99-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo[b]fluoranthene	205-99-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Benzo[b]fluoranthene	205-99-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Benzo[b]fluoranthene	205-99-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Benzo[b]fluoranthene	205-99-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Benzo[b]fluoranthene	205-99-2	ug/L	5/8/2025	<10.0	<10.9								
Benzo[g,h,i]perylene	191-24-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Benzo[g,h,i]perylene	191-24-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo[g,h,i]perylene	191-24-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Benzo[g,h,i]perylene	191-24-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Benzo[g,h,i]perylene	191-24-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Benzo[g,h,i]perylene	191-24-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Benzo[g,h,i]perylene	191-24-2	ug/L	5/8/2025	<10.0	<10.9								
Benzo[k]fluoranthene	207-08-9	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Benzo[k]fluoranthene	207-08-9	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Benzo[k]fluoranthene	207-08-9	ug/L	5/8/2025	<10.0	<10.9								
Benzyl alcohol	100-51-6	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Benzyl alcohol	100-51-6	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzyl alcohol	100-51-6	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Benzyl alcohol	100-51-6	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Benzyl alcohol	100-51-6	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Benzyl alcohol	100-51-6	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Benzyl alcohol	100-51-6	ug/L	5/8/2025	<10.0	<10.9								
Beryllium	7440-41-7	mg/L	2/27/2008	0.0028	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	5/12/2008	0.00104	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	7/13/2008	0.00111	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	9/14/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	11/17/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	4/14/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	7/7/2009							<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	9/2/2009							<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/25/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	1/2/2010							<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	3/3/2010							<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	5/10/2010	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0008	<0.0004
Beryllium	7440-41-7	mg/L	11/1/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

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Beryllium	7440-41-7	mg/L	10/13/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/11/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/11/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	3/30/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/7/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00106	<0.001
Beryllium	7440-41-7	mg/L	6/2/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/15/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/6/2015	<0.001	0.000044J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/5/2015	<0.001	<0.001	<0.001	0.000048J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/4/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/17/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/11/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/23/2018					<0.001		<0.001			
Beryllium	7440-41-7	mg/L	4/24/2018				<0.001				<0.001		
Beryllium	7440-41-7	mg/L	4/25/2018			<0.001						<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/27/2018	<0.001	<0.001								
Beryllium	7440-41-7	mg/L	10/16/2018	<0.001	<0.001	<0.001	0.000573J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/16/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/7/2020	<0.001	<0.001	<0.001	<0.001	<0.001	0.000288J	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Beryllium	7440-41-7	mg/L	10/20/2021	<0.004	<0.004	<0.004	<0.004	<0.004		0.0001J	<0.004	<0.004	0.0002J
Beryllium	7440-41-7	mg/L	5/2/2022	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004
Beryllium	7440-41-7	mg/L	10/14/2022	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004
Beryllium	7440-41-7	mg/L	5/1/2023	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/16/2023	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/29/2024	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/9/2024			<0.00100					<0.00100	<0.00100	
Beryllium	7440-41-7	mg/L	10/10/2024				<0.00100	<0.00100		<0.00100			<0.00100
Beryllium	7440-41-7	mg/L	10/14/2024	<0.00100	<0.00100								
Beryllium	7440-41-7	mg/L	4/28/2025			<0.00100					<0.00500	<0.00100	<0.00100
Beryllium	7440-41-7	mg/L	4/29/2025				<0.00100	<0.00100	<0.00100	<0.00100			
Beryllium	7440-41-7	mg/L	5/8/2025	<0.00100	<0.00100								
Beryllium	7440-41-7	mg/L	10/20/2025					<0.00100	<0.00100			<0.00100	
Beryllium	7440-41-7	mg/L	10/21/2025				<0.00100			<0.00100	<0.00100		
Beryllium	7440-41-7	mg/L	10/24/2025	<0.00100	<0.00100								
Beryllium	7440-41-7	mg/L	5/4/2026				<0.000400						
Beryllium	7440-41-7	mg/L	5/12/2026	<0.000400	<0.000400	<0.000400		<0.000400	<0.000400	<0.000400	<0.000400	<0.000400	<0.000400
Beta-BHC	319-85-7	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Beta-BHC	319-85-7	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	0.143	<0.032
Beta-BHC	319-85-7	ug/L	7/8/2010									<0.032	
Beta-BHC	319-85-7	ug/L	9/13/2010									<0.032	
Beta-BHC	319-85-7	ug/L	11/1/2010									<0.032	
Beta-BHC	319-85-7	ug/L	1/10/2011									<0.032	
Beta-BHC	319-85-7	ug/L	4/4/2011									<0.032	
Beta-BHC	319-85-7	ug/L	4/11/2012									<0.032	
Beta-BHC	319-85-7	ug/L	10/11/2012									<0.032	
Beta-BHC	319-85-7	ug/L	12/13/2012									<0.0077	
Beta-BHC	319-85-7	ug/L	3/30/2013									<0.032	
Beta-BHC	319-85-7	ug/L	6/2/2014									0.0734	
Beta-BHC	319-85-7	ug/L	10/15/2014									0.0703	
Beta-BHC	319-85-7	ug/L	4/6/2015									<0.16	
Beta-BHC	319-85-7	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	0.00974J	<0.0333	0.00601J	<0.032	0.0191J	<0.032
Beta-BHC	319-85-7	ug/L	4/4/2016									<0.032	
Beta-BHC	319-85-7	ug/L	10/17/2016									0.00992J	
Beta-BHC	319-85-7	ug/L	4/17/2017									<0.033	

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Beta-BHC	319-85-7	ug/L	10/11/2017									<0.0337	
Beta-BHC	319-85-7	ug/L	4/25/2018									<0.0337	
Beta-BHC	319-85-7	ug/L	10/16/2018									0.0223J	
Beta-BHC	319-85-7	ug/L	4/16/2019									0.0722	
Beta-BHC	319-85-7	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	0.0171J	<0.033	<0.0333	<0.033	0.0195J	<0.0333
Beta-BHC	319-85-7	ug/L	5/2/2022									<0.05	
Beta-BHC	319-85-7	ug/L	10/14/2022									<0.05	
Beta-BHC	319-85-7	ug/L	5/1/2023									<0.0696	
Beta-BHC	319-85-7	ug/L	10/16/2023									<0.0604	
Beta-BHC	319-85-7	ug/L	4/29/2024									<0.08	
Bicarbonate	BICARB	mg/L	6/2/2014	712	697	1200	759		784	599	624	1820	619
Bicarbonate	BICARB	mg/L	10/15/2014	717	692	1210	764	444	790	597	592	1800	642
Bicarbonate	BICARB	mg/L	3/30/2020				601						
Bis(2-chloroethoxy)methane	111-91-1	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Bis(2-chloroethoxy)methane	111-91-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5/8/2025	<10.0	<10.9								
Bis(2-chloroethyl)ether	111-44-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Bis(2-chloroethyl)ether	111-44-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Bis(2-chloroethyl)ether	111-44-4	ug/L	5/8/2025	<10.0	<10.9								
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/8/2025	<10.0	<10.9								
Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Bis[2-chloroethyl]ether	111-44-4	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Bis[2-chloroethyl]ether	111-44-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis[2-chloroethyl]ether	111-44-4	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Bis[2-chloroethyl]ether	111-44-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/5/2015	5.05J	9.77J	0.697J	2.6J	1.99J	14.6	0.75J	3.61J	8.16J	9.33J
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Bromochloromethane	74-97-5	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	4/14/2009	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	7/7/2009							<5	<5	<100	<5
Bromochloromethane	74-97-5	ug/L	9/2/2009							<5	<5	<50	<5
Bromochloromethane	74-97-5	ug/L	10/25/2009	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Bromochloromethane	74-97-5	ug/L	1/2/2010							<5	<5	<50	<5
Bromochloromethane	74-97-5	ug/L	3/3/2010							<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	5/10/2010	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Bromochloromethane	74-97-5	ug/L	11/1/2010	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Bromochloromethane	74-97-5	ug/L	10/13/2011	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Bromochloromethane	74-97-5	ug/L	4/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Bromochloromethane	74-97-5	ug/L	10/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Bromochloromethane	74-97-5	ug/L	3/30/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/7/2013		<5	<5	<5	<5	<5	<5	<5		<5
Bromochloromethane	74-97-5	ug/L	6/2/2014	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/15/2014	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Bromochloromethane	74-97-5	ug/L	4/6/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/5/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/4/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/17/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/17/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/11/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/23/2018					<5		<5			
Bromochloromethane	74-97-5	ug/L	4/24/2018				<5				<5		
Bromochloromethane	74-97-5	ug/L	4/25/2018			<5						<5	<5
Bromochloromethane	74-97-5	ug/L	4/27/2018	<5	<5								
Bromochloromethane	74-97-5	ug/L	10/16/2018	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/16/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Bromochloromethane	74-97-5	ug/L	3/30/2020	<5	<5	<5	<5	<5	<50	<5	<5	<25	<5
Bromochloromethane	74-97-5	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	74-97-5	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromochloromethane	74-97-5	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromochloromethane	74-97-5	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromochloromethane	74-97-5	ug/L	5/1/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/16/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/29/2024	<5	<5	<5	<5	<5		<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/9/2024			<5.00					<5.00	<5.00	
Bromochloromethane	74-97-5	ug/L	10/10/2024				<5.00	<5.00		<5.00			<5.00
Bromochloromethane	74-97-5	ug/L	10/14/2024	<5.00	<5.00								
Bromochloromethane	74-97-5	ug/L	4/28/2025			<5.00					<5.00	<5.00	<5.00
Bromochloromethane	74-97-5	ug/L	4/29/2025				<5.00	<5.00	<5.00	<5.00			
Bromochloromethane	74-97-5	ug/L	5/8/2025	<5.00	<5.00								
Bromochloromethane	74-97-5	ug/L	10/20/2025					<5.00	<5.00			<5.00	
Bromochloromethane	74-97-5	ug/L	10/21/2025				<5.00			<5.00	<5.00		
Bromochloromethane	74-97-5	ug/L	10/24/2025	<5.00	<5.00								
Bromochloromethane	74-97-5	ug/L	5/4/2026				<5.00						
Bromochloromethane	74-97-5	ug/L	5/12/2026	<5.00	<5.00	<5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromodichloromethane	75-27-4	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	7/7/2009							<1	<1	<20	<1
Bromodichloromethane	75-27-4	ug/L	9/2/2009							<1	<1	<10	<1
Bromodichloromethane	75-27-4	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
Bromodichloromethane	75-27-4	ug/L	1/2/2010							<10	<10	<100	<5
Bromodichloromethane	75-27-4	ug/L	3/3/2010							<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	5/10/2010	<1	<4	<4	<4	<4	<4	<4	<4	<20	<4
Bromodichloromethane	75-27-4	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Bromodichloromethane	75-27-4	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Bromodichloromethane	75-27-4	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Bromodichloromethane	75-27-4	ug/L	10/11/2012	<1	<1	<1	<1	<1	<2	<1	<1	<10	<1
Bromodichloromethane	75-27-4	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1.2	<1
Bromodichloromethane	75-27-4	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
Bromodichloromethane	75-27-4	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Bromodichloromethane	75-27-4	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Bromodichloromethane	75-27-4	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/23/2018					<1		<1			
Bromodichloromethane	75-27-4	ug/L	4/24/2018				<1				<1		
Bromodichloromethane	75-27-4	ug/L	4/25/2018			<1						<1	<1
Bromodichloromethane	75-27-4	ug/L	4/27/2018	<1	<1								
Bromodichloromethane	75-27-4	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Bromodichloromethane	75-27-4	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
Bromodichloromethane	75-27-4	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/9/2024			<1.00					<1.00	<1.00	
Bromodichloromethane	75-27-4	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
Bromodichloromethane	75-27-4	ug/L	10/14/2024	<1.00	<1.00								
Bromodichloromethane	75-27-4	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
Bromodichloromethane	75-27-4	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
Bromodichloromethane	75-27-4	ug/L	5/8/2025	<1.00	<1.00								
Bromodichloromethane	75-27-4	ug/L	10/20/2025					<1.00	<1.00			<1.00	
Bromodichloromethane	75-27-4	ug/L	10/21/2025				<1.00			<1.00	<1.00		
Bromodichloromethane	75-27-4	ug/L	10/24/2025	<1.00	<1.00								
Bromodichloromethane	75-27-4	ug/L	5/4/2026				<1.00						
Bromodichloromethane	75-27-4	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Bromoform	75-25-2	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	4/14/2009	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	7/7/2009							<5	<5	<100	<5
Bromoform	75-25-2	ug/L	9/2/2009							<5	<5	<50	<5
Bromoform	75-25-2	ug/L	10/25/2009	<10	<20	<10	<10	<10	<10	<10	<10	<100	<20
Bromoform	75-25-2	ug/L	1/2/2010							<50	<50	<500	<10
Bromoform	75-25-2	ug/L	3/3/2010							<5	<5	<5	<5
Bromoform	75-25-2	ug/L	5/10/2010	<20	<20	<20	<20	<20	<20	<20	<20	<100	<20
Bromoform	75-25-2	ug/L	11/1/2010	<10	<5	<10	<10	<10	<10	<10	<10	<25	<10
Bromoform	75-25-2	ug/L	10/13/2011	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Bromoform	75-25-2	ug/L	4/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Bromoform	75-25-2	ug/L	10/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Bromoform	75-25-2	ug/L	3/30/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/7/2013		<5	<5	<5	<5	<5	<5	<5		<5
Bromoform	75-25-2	ug/L	6/2/2014	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/15/2014	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Bromoform	75-25-2	ug/L	4/6/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/5/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/4/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/17/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/17/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/11/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/23/2018					<5		<5			
Bromoform	75-25-2	ug/L	4/24/2018				<5				<5		
Bromoform	75-25-2	ug/L	4/25/2018			<5						<5	<5
Bromoform	75-25-2	ug/L	4/27/2018	<5	<5								

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Bromoform	75-25-2	ug/L	10/16/2018	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/16/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Bromoform	75-25-2	ug/L	3/30/2020	<5	<5	<5	<5	<5	<50	<5	<5	<25	<5
Bromoform	75-25-2	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	75-25-2	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromoform	75-25-2	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromoform	75-25-2	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromoform	75-25-2	ug/L	5/1/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/16/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/29/2024	<5	<5	<5	<5	<5		<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/9/2024			<5.00					<5.00	<5.00	
Bromoform	75-25-2	ug/L	10/10/2024				<5.00	<5.00		<5.00			<5.00
Bromoform	75-25-2	ug/L	10/14/2024	<5.00	<5.00								
Bromoform	75-25-2	ug/L	4/28/2025			<5.00					<5.00	<5.00	<5.00
Bromoform	75-25-2	ug/L	4/29/2025				<5.00	<5.00	<5.00	<5.00			
Bromoform	75-25-2	ug/L	5/8/2025	<5.00	<5.00								
Bromoform	75-25-2	ug/L	10/20/2025					<5.00	<5.00			<5.00	
Bromoform	75-25-2	ug/L	10/21/2025				<5.00			<5.00	<5.00		
Bromoform	75-25-2	ug/L	10/24/2025	<5.00	<5.00								
Bromoform	75-25-2	ug/L	5/4/2026				<5.00						
Bromoform	75-25-2	ug/L	5/12/2026	<5.00	<5.00	<5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Bromomethane	74-83-9	ug/L	2/27/2008	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	5/12/2008	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	7/13/2008	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	9/14/2008	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	11/17/2008	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	4/14/2009	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	7/7/2009							<4	<4	<80	<4
Bromomethane	74-83-9	ug/L	9/2/2009							<4	<4	<40	<4
Bromomethane	74-83-9	ug/L	10/25/2009	<4	<4	<4	<4	<4	<4	<4	<4	<40	<4
Bromomethane	74-83-9	ug/L	1/2/2010							<4	<4	<40	<4
Bromomethane	74-83-9	ug/L	3/3/2010							<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	5/10/2010	<5	<4	<4	<4	<4	<4	<4	<4	<20	<4
Bromomethane	74-83-9	ug/L	11/1/2010	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4
Bromomethane	74-83-9	ug/L	10/13/2011	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4
Bromomethane	74-83-9	ug/L	4/11/2012	<4	<4	<4	<4	<4	<4	<4	<4	<40	<4
Bromomethane	74-83-9	ug/L	10/11/2012	<4	<4	<4	<4	<4	<5	<4	<4	<40	<4
Bromomethane	74-83-9	ug/L	3/30/2013	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/7/2013		<4	<4	<4	<4	<4	<4	<4		<4
Bromomethane	74-83-9	ug/L	6/2/2014	<4	0.23J	<4	<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/15/2014	<4	<4	<4	<4	<4	<4	<4	<4	<40	<4
Bromomethane	74-83-9	ug/L	4/6/2015	0.288J	<4	<4	<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/5/2015	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	4/4/2016	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/17/2016	<4	0.389J	<4	<4	<4	<4	<4	<4	<4	0.611J
Bromomethane	74-83-9	ug/L	4/17/2017	0.515J	0.414J	0.304J	0.442J	0.373J	0.251J	0.488J	0.554J	0.268J	0.432J
Bromomethane	74-83-9	ug/L	10/11/2017	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	4/23/2018					<4		<4			
Bromomethane	74-83-9	ug/L	4/24/2018				<4				<4		
Bromomethane	74-83-9	ug/L	4/25/2018			<4						<4	<4
Bromomethane	74-83-9	ug/L	4/27/2018	<4	<4								
Bromomethane	74-83-9	ug/L	10/16/2018	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	4/16/2019	<4	<4	<4	<4	<4	<40	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/1/2019	<4	<4	<4	<4	<4	<4	<4	<4	<40	<4
Bromomethane	74-83-9	ug/L	3/30/2020	<4	<4	<4	<4	<4	<40	<4	<4	<20	<4
Bromomethane	74-83-9	ug/L	10/7/2020	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4

Table 9A
Analytical Data Summary - Source Characterization Wells
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Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Bromomethane	74-83-9	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromomethane	74-83-9	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromomethane	74-83-9	ug/L	5/2/2022	<1	<1	<1	0.6J	<1		<1	<1	<1	0.7J
Bromomethane	74-83-9	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Bromomethane	74-83-9	ug/L	5/1/2023	<4	<4	<4	<4	<4		<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/16/2023	<4	<4	<4	<4	<4		<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	4/29/2024	<4	<4	<4	<4	<4		<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/9/2024			<4.00					<4.00	<4.00	
Bromomethane	74-83-9	ug/L	10/10/2024				<4.00	<4.00		<4.00			<4.00
Bromomethane	74-83-9	ug/L	10/14/2024	<4.00	<4.00								
Bromomethane	74-83-9	ug/L	4/28/2025			<4.00					<4.00	<4.00	<4.00
Bromomethane	74-83-9	ug/L	4/29/2025				<4.00	<4.00	<4.00	<4.00			
Bromomethane	74-83-9	ug/L	5/8/2025	<4.00	<4.00								
Bromomethane	74-83-9	ug/L	10/20/2025					<4.00	<4.00			<4.00	
Bromomethane	74-83-9	ug/L	10/21/2025				<4.00			<4.00	<4.00		
Bromomethane	74-83-9	ug/L	10/24/2025	<4.00	<4.00								
Bromomethane	74-83-9	ug/L	5/4/2026				<4.00						
Bromomethane	74-83-9	ug/L	5/12/2026	<4.00	<4.00	<4.00		<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
Butyl benzyl phthalate	85-68-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Butyl benzyl phthalate	85-68-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Butyl benzyl phthalate	85-68-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Butyl benzyl phthalate	85-68-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Butyl benzyl phthalate	85-68-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Butyl benzyl phthalate	85-68-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Butyl benzyl phthalate	85-68-7	ug/L	5/8/2025	<10.0	<10.9								
Cadmium	7440-43-9	mg/L	2/27/2008	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
Cadmium	7440-43-9	mg/L	5/12/2008	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
Cadmium	7440-43-9	mg/L	7/13/2008	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
Cadmium	7440-43-9	mg/L	9/14/2008	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
Cadmium	7440-43-9	mg/L	11/17/2008	<0.0005	<0.0005	<0.0005	<0.0005	0.000508	<0.0005				
Cadmium	7440-43-9	mg/L	4/14/2009	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
Cadmium	7440-43-9	mg/L	7/7/2009							<0.0025	<0.0025	<0.0025	<0.0025
Cadmium	7440-43-9	mg/L	9/2/2009							<0.0025	<0.0025	<0.0025	<0.0025
Cadmium	7440-43-9	mg/L	10/25/2009	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Cadmium	7440-43-9	mg/L	1/2/2010							<0.0025	<0.0025	<0.0025	<0.0025
Cadmium	7440-43-9	mg/L	3/3/2010							<0.0025	<0.0025	<0.0025	<0.0025
Cadmium	7440-43-9	mg/L	5/10/2010	<0.0004	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0008	<0.0004
Cadmium	7440-43-9	mg/L	11/1/2010							<0.0025	<0.0025	<0.0025	<0.0025
Cadmium	7440-43-9	mg/L	4/4/2011							<0.0025	<0.0025	<0.0025	<0.0025
Cadmium	7440-43-9	mg/L	10/13/2011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00388
Cadmium	7440-43-9	mg/L	4/11/2012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	10/11/2012	<0.0005	<0.0005	<0.0005	<0.0005	0.000524	<0.0005	<0.0005	<0.0005	<0.0005	0.000837
Cadmium	7440-43-9	mg/L	3/30/2013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000874
Cadmium	7440-43-9	mg/L	10/7/2013	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	6/2/2014	<0.0005	<0.0005	<0.0005	0.00015J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	10/15/2014	0.000682	<0.0005	<0.0005	<0.0005	0.000088J	<0.0005	<0.0005	0.0013	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	4/6/2015	<0.0005	<0.0005	<0.0005	<0.0005	0.000359J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	10/5/2015	<0.0005	<0.0005	<0.0005	<0.0005	0.00109	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	4/4/2016	<0.0005	<0.0005	<0.0005	<0.0005	0.000209J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	10/17/2016	<0.0005	<0.0005	<0.0005	<0.0005	0.000729	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	4/17/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	10/11/2017	<0.0005	0.000089J	0.000047J	0.000133J	0.000045J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	4/23/2018					<0.0005		<0.0005			
Cadmium	7440-43-9	mg/L	4/24/2018				<0.0005				<0.0005		
Cadmium	7440-43-9	mg/L	4/25/2018			<0.0005						<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	4/27/2018	<0.0005	0.000093J								
Cadmium	7440-43-9	mg/L	10/16/2018	<0.0005	0.000062J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Cadmium	7440-43-9	mg/L	4/16/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Table 9A
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Cadmium	7440-43-9	mg/L	10/1/2019	<0.0001	<0.0001	<0.0001	0.000056J	<0.0001	<0.0001	<0.0001	<0.0001	0.000073J	<0.0001
Cadmium	7440-43-9	mg/L	3/30/2020	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	7440-43-9	mg/L	10/7/2020	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.000253	<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	7440-43-9	mg/L	4/13/2021	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008
Cadmium	7440-43-9	mg/L	10/20/2021	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008		0.0002J	<0.0008	<0.0008	0.0002J
Cadmium	7440-43-9	mg/L	5/2/2022	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008		<0.0008	<0.0008	<0.0008	<0.0008
Cadmium	7440-43-9	mg/L	10/14/2022	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008		<0.0008	<0.0008	<0.0008	<0.0008
Cadmium	7440-43-9	mg/L	5/1/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
Cadmium	7440-43-9	mg/L	10/16/2023	0.000183J	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
Cadmium	7440-43-9	mg/L	4/29/2024	0.000145J	0.000149J	<0.0008	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0008
Cadmium	7440-43-9	mg/L	10/9/2024			<0.000200					<0.000200	<0.000200	
Cadmium	7440-43-9	mg/L	10/10/2024				<0.000200	<0.000200		<0.000200			<0.000200
Cadmium	7440-43-9	mg/L	10/14/2024	<0.000200	0.000167J								
Cadmium	7440-43-9	mg/L	4/28/2025			<0.000200					<0.00100	<0.000200	<0.000200
Cadmium	7440-43-9	mg/L	4/29/2025				<0.000200	0.000288	<0.000200	<0.000200			
Cadmium	7440-43-9	mg/L	5/8/2025	<0.000200	0.000123								
Cadmium	7440-43-9	mg/L	10/20/2025					<0.000200	<0.000200			<0.000200	
Cadmium	7440-43-9	mg/L	10/21/2025				<0.000200			<0.000200	<0.000200		
Cadmium	7440-43-9	mg/L	10/24/2025	<0.000200	<0.000200								
Cadmium	7440-43-9	mg/L	5/4/2026				<0.000500						
Cadmium	7440-43-9	mg/L	5/12/2026	<0.000500	<0.000500	<0.000500		0.000200	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Calcium	7440-70-2	mg/L	6/2/2014	168; 175	168	289	172		176	190	124	294	152
Calcium	7440-70-2	mg/L	10/15/2014	174	161	293	177	162	157	197	131	243	154
Calcium	7440-70-2	mg/L	3/30/2020				178						
Carbon Disulfide	75-15-0	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	7/7/2009							<1	<1	<20	<1
Carbon Disulfide	75-15-0	ug/L	9/2/2009							<1	<1	<10	<1
Carbon Disulfide	75-15-0	ug/L	10/25/2009	<5	<5	<5	<5	<5	<5	<5	<5	<50	<1
Carbon Disulfide	75-15-0	ug/L	1/2/2010							<5	<5	<50	<1
Carbon Disulfide	75-15-0	ug/L	3/3/2010							<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	5/10/2010	<1	<4	<4	<4	<4	<4	<4	<4	<20	<4
Carbon Disulfide	75-15-0	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Carbon Disulfide	75-15-0	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Carbon Disulfide	75-15-0	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Carbon Disulfide	75-15-0	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Carbon Disulfide	75-15-0	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1.5	<1
Carbon Disulfide	75-15-0	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
Carbon Disulfide	75-15-0	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Carbon Disulfide	75-15-0	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	0.332J	<1	0.399J
Carbon Disulfide	75-15-0	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/23/2018					<1		<1			
Carbon Disulfide	75-15-0	ug/L	4/24/2018				<1				<1		
Carbon Disulfide	75-15-0	ug/L	4/25/2018			<1						<1	<1
Carbon Disulfide	75-15-0	ug/L	4/27/2018	<1	<1								
Carbon Disulfide	75-15-0	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Carbon Disulfide	75-15-0	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Carbon Disulfide	75-15-0	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/29/2024	<1	<1	0.541J	<1	<1		<1	<1	<1	13.3
Carbon Tetrachloride	56-23-5	ug/L	2/27/2008	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	5/12/2008	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	7/13/2008	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	9/14/2008	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	11/17/2008	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	4/14/2009	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	7/7/2009							<2	<2	<40	<2
Carbon Tetrachloride	56-23-5	ug/L	9/2/2009							<2	<2	<20	<2
Carbon Tetrachloride	56-23-5	ug/L	10/25/2009	<2	<5	<2	<2	<2	<2	<2	<2	<20	<2
Carbon Tetrachloride	56-23-5	ug/L	1/2/2010							<5	<5	<50	<2
Carbon Tetrachloride	56-23-5	ug/L	3/3/2010							<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	5/10/2010	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4
Carbon Tetrachloride	56-23-5	ug/L	11/1/2010	<5	<2	<5	<5	<5	<5	<5	<5	<10	<5
Carbon Tetrachloride	56-23-5	ug/L	10/13/2011	<2	<2	<2	<2	<2	<2	<2	<2	<10	<2
Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2
Carbon Tetrachloride	56-23-5	ug/L	10/11/2012	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2
Carbon Tetrachloride	56-23-5	ug/L	3/30/2013	<2	<2	<2	<2	<2	<2	<2	<2	<2.4	<2
Carbon Tetrachloride	56-23-5	ug/L	10/7/2013		<2	<2	<2	<2	<2	<2	<2		<2
Carbon Tetrachloride	56-23-5	ug/L	6/2/2014	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/15/2014	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2
Carbon Tetrachloride	56-23-5	ug/L	4/6/2015	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/5/2015	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/4/2016	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/17/2016	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/17/2017	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/11/2017	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/23/2018					<2		<2			
Carbon Tetrachloride	56-23-5	ug/L	4/24/2018				<2				<2		
Carbon Tetrachloride	56-23-5	ug/L	4/25/2018			<2						<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/27/2018	<2	<2								
Carbon Tetrachloride	56-23-5	ug/L	10/16/2018	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/16/2019	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/1/2019	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2
Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	<2	<2	<2	<2	<2	<20	<2	<2	<10	<2
Carbon Tetrachloride	56-23-5	ug/L	10/7/2020	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	56-23-5	ug/L	10/20/2021	<1	<1	<1	<1	<1		0.4J	<1	<1	<1
Carbon Tetrachloride	56-23-5	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	0.4J	<1
Carbon Tetrachloride	56-23-5	ug/L	10/14/2022	<1	<1	0.4J	<1	<1		<1	<1	<1	<1
Carbon Tetrachloride	56-23-5	ug/L	5/1/2023	<2	<2	<2	<2	<2		<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/16/2023	<2	<2	<2	<2	<2		<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/29/2024	<2	<2	<2	<2	<2		<2	<2	<2	<2
Carbon disulfide	75-15-0	ug/L	10/9/2024			<1.00					<1.00	<1.00	
Carbon disulfide	75-15-0	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
Carbon disulfide	75-15-0	ug/L	10/14/2024	<1.00	<1.00								
Carbon disulfide	75-15-0	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
Carbon disulfide	75-15-0	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
Carbon disulfide	75-15-0	ug/L	5/8/2025	<1.00	<1.00								
Carbon disulfide	75-15-0	ug/L	10/20/2025					<1.00	<1.00			<1.00	
Carbon disulfide	75-15-0	ug/L	10/21/2025				<1.00			<1.00	<1.00		

Table 9A
Analytical Data Summary - Source Characterization Wells
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Carbon disulfide	75-15-0	ug/L	10/24/2025	<1.00	<1.00								
Carbon disulfide	75-15-0	ug/L	5/4/2026				<1.00						
Carbon disulfide	75-15-0	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Carbon tetrachloride	56-23-5	ug/L	10/9/2024			<2.00					<2.00	<2.00	
Carbon tetrachloride	56-23-5	ug/L	10/10/2024				<2.00	<2.00		<2.00			<2.00
Carbon tetrachloride	56-23-5	ug/L	10/14/2024	<2.00	<2.00								
Carbon tetrachloride	56-23-5	ug/L	4/28/2025			<2.00					<2.00	<2.00	<2.00
Carbon tetrachloride	56-23-5	ug/L	4/29/2025				<2.00	<2.00	<2.00	<2.00			
Carbon tetrachloride	56-23-5	ug/L	5/8/2025	<2.00	<2.00								
Carbon tetrachloride	56-23-5	ug/L	10/20/2025					<2.00	<2.00			<2.00	
Carbon tetrachloride	56-23-5	ug/L	10/21/2025				<2.00			<2.00	<2.00		
Carbon tetrachloride	56-23-5	ug/L	10/24/2025	<2.00	<2.00								
Carbon tetrachloride	56-23-5	ug/L	5/4/2026				<2.00						
Carbon tetrachloride	56-23-5	ug/L	5/12/2026	<2.00	<2.00	<2.00		<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
Carbonate	CARB	mg/L	6/2/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5
Carbonate	CARB	mg/L	10/15/2014	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbonate	CARB	mg/L	3/30/2020				<10						
Chlordane	57-74-9	ug/L	4/14/2009	<2	<2	<2	<2	<2	<2				
Chlordane	57-74-9	ug/L	5/10/2010	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chlordane	57-74-9	ug/L	10/5/2015	<2.13	<2.08	<2.04	<2.02	<2.08	<2.08	<2.02	<2	<2	<2
Chlordane	57-74-9	ug/L	3/30/2020	<2.22	<2.13	<2.08	<2.08	<2.08	<2.06	<2.08	<2.06	<2.08	<2.08
Chlordane (technical)	12789-03-6	ug/L	4/28/2025			<1.81					<1.80	<1.81	<1.79
Chlordane (technical)	12789-03-6	ug/L	4/29/2025				<1.79	<1.81	<1.81	<1.80			
Chlordane (technical)	12789-03-6	ug/L	5/8/2025	<1.82	<1.80								
Chloride	16887-00-6	mg/L	6/2/2014	8.52	11.3	69.9	59.7		6.05	107	12.5	550	7.27
Chloride	16887-00-6	mg/L	10/15/2014	8.83	10.2	69.6	61.9	232	6.46	105	10.3	367	9.42
Chloride	16887-00-6	mg/L	3/30/2020				43.3						
Chlorobenzene	108-90-7	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	7/7/2009							<1	<1	<20	<1
Chlorobenzene	108-90-7	ug/L	9/2/2009							<1	<1	<10	<1
Chlorobenzene	108-90-7	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
Chlorobenzene	108-90-7	ug/L	1/2/2010							<1	<1	<10	<1
Chlorobenzene	108-90-7	ug/L	3/3/2010							<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Chlorobenzene	108-90-7	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Chlorobenzene	108-90-7	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Chlorobenzene	108-90-7	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Chlorobenzene	108-90-7	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Chlorobenzene	108-90-7	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1.9	<1
Chlorobenzene	108-90-7	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
Chlorobenzene	108-90-7	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	0.777J	<1
Chlorobenzene	108-90-7	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Chlorobenzene	108-90-7	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	0.805J	<1
Chlorobenzene	108-90-7	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	1.24	<1
Chlorobenzene	108-90-7	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	0.936J	<1
Chlorobenzene	108-90-7	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	4/23/2018					<1		<1			
Chlorobenzene	108-90-7	ug/L	4/24/2018				<1				<1		
Chlorobenzene	108-90-7	ug/L	4/25/2018			<1						0.737J	<1
Chlorobenzene	108-90-7	ug/L	4/27/2018	<1	<1								
Chlorobenzene	108-90-7	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Chlorobenzene	108-90-7	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	0.691J	<1
Chlorobenzene	108-90-7	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Chlorobenzene	108-90-7	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
Chlorobenzene	108-90-7	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	0.7J	<1
Chlorobenzene	108-90-7	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	0.8J	<1
Chlorobenzene	108-90-7	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	0.7J	<1
Chlorobenzene	108-90-7	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	0.8J	<1
Chlorobenzene	108-90-7	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	0.644J	<1
Chlorobenzene	108-90-7	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	0.75J	<1
Chlorobenzene	108-90-7	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	0.677J	<1
Chlorobenzene	108-90-7	ug/L	10/9/2024			<1.00					<1.00	0.750J	
Chlorobenzene	108-90-7	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
Chlorobenzene	108-90-7	ug/L	10/14/2024	<1.00	<1.00								
Chlorobenzene	108-90-7	ug/L	4/28/2025			<1.00					<1.00	0.651	<1.00
Chlorobenzene	108-90-7	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
Chlorobenzene	108-90-7	ug/L	5/8/2025	<1.00	<1.00								
Chlorobenzene	108-90-7	ug/L	10/20/2025					<1.00	<1.00			0.822	
Chlorobenzene	108-90-7	ug/L	10/21/2025				<1.00			<1.00	<1.00		
Chlorobenzene	108-90-7	ug/L	10/24/2025	<1.00	<1.00								
Chlorobenzene	108-90-7	ug/L	5/4/2026				<1.00						
Chlorobenzene	108-90-7	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	0.726	<1.00
Chlorobenzilate	510-15-6	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Chlorobenzilate	510-15-6	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chlorobenzilate	510-15-6	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Chlorobenzilate	510-15-6	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Chlorobenzilate	510-15-6	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Chlorobenzilate	510-15-6	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Chlorobenzilate	510-15-6	ug/L	5/8/2025	<10.0	<10.9								
Chlorodibromomethane	124-48-1	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	4/14/2009	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	7/7/2009							<5	<5	<100	<5
Chlorodibromomethane	124-48-1	ug/L	9/2/2009							<5	<5	<50	<5
Chlorodibromomethane	124-48-1	ug/L	10/25/2009	<5	<10	<5	<5	<5	<5	<5	<5	<50	<5
Chlorodibromomethane	124-48-1	ug/L	1/2/2010							<50	<50	<500	<10
Chlorodibromomethane	124-48-1	ug/L	3/3/2010							<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	5/10/2010	<10	<5	<5	<5	<5	<5	<5	<5	<25	<5
Chlorodibromomethane	124-48-1	ug/L	11/1/2010	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Chlorodibromomethane	124-48-1	ug/L	10/13/2011	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Chlorodibromomethane	124-48-1	ug/L	4/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Chlorodibromomethane	124-48-1	ug/L	10/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Chlorodibromomethane	124-48-1	ug/L	3/30/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/7/2013		<5	<5	<5	<5	<5	<5	<5		<5
Chlorodibromomethane	124-48-1	ug/L	6/2/2014	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/15/2014	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Chlorodibromomethane	124-48-1	ug/L	4/6/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/5/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/4/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/17/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/17/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/11/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/23/2018					<5		<5			
Chlorodibromomethane	124-48-1	ug/L	4/24/2018				<5				<5		
Chlorodibromomethane	124-48-1	ug/L	4/25/2018			<5						<5	<5

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Chlorodibromomethane	124-48-1	ug/L	4/27/2018	<5	<5								
Chlorodibromomethane	124-48-1	ug/L	10/16/2018	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/16/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Chlorodibromomethane	124-48-1	ug/L	3/30/2020	<5	<5	<5	<5	<5	<50	<5	<5	<25	<5
Chlorodibromomethane	124-48-1	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorodibromomethane	124-48-1	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chlorodibromomethane	124-48-1	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chlorodibromomethane	124-48-1	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chlorodibromomethane	124-48-1	ug/L	5/1/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/16/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/29/2024	<5	<5	<5	<5	<5		<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/9/2024			<5.00					<5.00	<5.00	
Chlorodibromomethane	124-48-1	ug/L	10/10/2024				<5.00	<5.00		<5.00			<5.00
Chlorodibromomethane	124-48-1	ug/L	10/14/2024	<5.00	<5.00								
Chlorodibromomethane	124-48-1	ug/L	4/28/2025			<5.00					<5.00	<5.00	<5.00
Chlorodibromomethane	124-48-1	ug/L	4/29/2025				<5.00	<5.00	<5.00	<5.00			
Chlorodibromomethane	124-48-1	ug/L	5/8/2025	<5.00	<5.00								
Chlorodibromomethane	124-48-1	ug/L	10/20/2025					<5.00	<5.00			<5.00	
Chlorodibromomethane	124-48-1	ug/L	10/21/2025				<5.00			<5.00	<5.00		
Chlorodibromomethane	124-48-1	ug/L	10/24/2025	<5.00	<5.00								
Chlorodibromomethane	124-48-1	ug/L	5/4/2026				<5.00						
Chlorodibromomethane	124-48-1	ug/L	5/12/2026	<5.00	<5.00	<5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Chloroethane	75-00-3	ug/L	2/27/2008	<4	<4	<4	12.2	<4	<4				
Chloroethane	75-00-3	ug/L	5/12/2008	<4	<4	<4	15.7	<4	<4				
Chloroethane	75-00-3	ug/L	7/13/2008	<4	<4	<4	11.9	<4	<4				
Chloroethane	75-00-3	ug/L	9/14/2008	<4	<4	<4	12.3	<4	<4				
Chloroethane	75-00-3	ug/L	11/17/2008	<4	<4	<4	10.1	<4	<4				
Chloroethane	75-00-3	ug/L	4/14/2009	<4	<4	<4	7.12	<4	<4				
Chloroethane	75-00-3	ug/L	7/7/2009				7.87			<4	<4	<80	<4
Chloroethane	75-00-3	ug/L	9/2/2009				6.33			<4	<4	<40	<4
Chloroethane	75-00-3	ug/L	10/25/2009	<4	<4	<4	5.51	<4	<4	<4	<4	<40	<4
Chloroethane	75-00-3	ug/L	1/2/2010				6.13			<4	<4	<40	<4
Chloroethane	75-00-3	ug/L	3/3/2010							4.53	4.25	<4	<4
Chloroethane	75-00-3	ug/L	5/10/2010	<4	<4	<4	5.59	<4	<4	4.51	<4	<20	<4
Chloroethane	75-00-3	ug/L	7/8/2010							4.17			
Chloroethane	75-00-3	ug/L	9/13/2010							6.05			
Chloroethane	75-00-3	ug/L	11/1/2010	<4	<4	<4	5.4	<4	<4	5.91	<4	<20	<4
Chloroethane	75-00-3	ug/L	1/10/2011							4.35			
Chloroethane	75-00-3	ug/L	4/4/2011				<4			<4			
Chloroethane	75-00-3	ug/L	10/13/2011	<4	<4	<4	<4	<4	<4	5	<4	<20	<4
Chloroethane	75-00-3	ug/L	4/11/2012	<4	<4	<4	<4	<4	<4	<4	<4	<40	<4
Chloroethane	75-00-3	ug/L	10/11/2012	<4	<4	<4	<4	<4	<4	4.83	<4	<40	<4
Chloroethane	75-00-3	ug/L	3/30/2013	<4	<4	<4	5.1	<4	<4	5.74	4.6	<4	<4
Chloroethane	75-00-3	ug/L	10/7/2013		<4	<4	<4	<4	<4	<4	<4		<4
Chloroethane	75-00-3	ug/L	6/2/2014	<4	<4	<4	4.9	1.36J	2.4J	3.17J	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/15/2014	<4	<4	<4	<4	<4	1.77J	3.22J	<4	<40	<4
Chloroethane	75-00-3	ug/L	4/6/2015	<4	<4	<4	4.01	1.26J	1.99J	2.87J	1.58J	<4	<4
Chloroethane	75-00-3	ug/L	10/5/2015	<4	<4	<4	2.92J	1.02J	1.91J	2.67J	<4	0.499J	<4
Chloroethane	75-00-3	ug/L	4/4/2016	<4	<4	<4	2.23J	1.53J	2.75J	1.96J	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/17/2016	<4	<4	<4	2.79J	1.72J	4.05	2.8J	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/17/2017	<4	<4	<4	2.28J	0.985J	<4	1.18J	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/11/2017	<4	<4	<4	2.24J	1.19J	6	0.717J	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/23/2018					0.884J		0.921J			
Chloroethane	75-00-3	ug/L	4/24/2018				0.937J				<4		
Chloroethane	75-00-3	ug/L	4/25/2018			<4						<4	<4
Chloroethane	75-00-3	ug/L	4/27/2018	<4	<4								

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Chloroethane	75-00-3	ug/L	10/16/2018	<4	<4	<4	1.93J	1.86J	3.71J	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/16/2019	<4	<4	<4	0.815J	<4	4.63	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/1/2019	<4	<4	<4	1.85J	1.19J	6.57	1.36J	<4	<40	<4
Chloroethane	75-00-3	ug/L	3/30/2020	<4	<4	<4	1.39J	<4	<40	<4	<4	<20	<4
Chloroethane	75-00-3	ug/L	10/7/2020	<4	<4	<4	1.32J	0.922J	10.3	0.85J	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/13/2021	<1	<1	<1	0.6J; <1	<1	9.4	<1	<1	<1	<1
Chloroethane	75-00-3	ug/L	10/20/2021	<1	<1	<1	1	0.8J		<1	<1	<1	<1
Chloroethane	75-00-3	ug/L	5/2/2022	<1	<1	<1	0.7J	<1		<1	<1	<1	<1
Chloroethane	75-00-3	ug/L	10/14/2022	0.8J	0.6J	<1	0.7J	0.6J		<1	<1	<1	<1
Chloroethane	75-00-3	ug/L	5/1/2023	<4	<4	<4	<4	1.32J		<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/16/2023	<4	<4	<4	0.833J	0.823J		<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/29/2024	<4	<4	<4	<4	0.824J		<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/9/2024			<4.00					<4.00	<4.00	
Chloroethane	75-00-3	ug/L	10/10/2024				<4.00	<4.00		<4.00			<4.00
Chloroethane	75-00-3	ug/L	10/14/2024	<4.00	<4.00								
Chloroethane	75-00-3	ug/L	4/28/2025			<4.00					<4.00	<4.00	<4.00
Chloroethane	75-00-3	ug/L	4/29/2025				<4.00	<4.00	9.70	<4.00			
Chloroethane	75-00-3	ug/L	5/8/2025	<4.00	<4.00								
Chloroethane	75-00-3	ug/L	10/20/2025					<4.00	6.87			<4.00	
Chloroethane	75-00-3	ug/L	10/21/2025				<4.00			<4.00	<4.00		
Chloroethane	75-00-3	ug/L	10/24/2025	<4.00	<4.00								
Chloroethane	75-00-3	ug/L	5/4/2026				<4.00						
Chloroethane	75-00-3	ug/L	5/12/2026	<4.00	<4.00	<4.00		<4.00	7.02	<4.00	<4.00	<4.00	<4.00
Chloroform	67-66-3	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	11/17/2008	<1	<1	<2.5	<2.5	<1	<1				
Chloroform	67-66-3	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	7/7/2009							<1	<1	<20	<1
Chloroform	67-66-3	ug/L	9/2/2009							<1	<1	<10	<1
Chloroform	67-66-3	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
Chloroform	67-66-3	ug/L	1/2/2010							<1	<1	<10	<1
Chloroform	67-66-3	ug/L	3/3/2010							<1	<1	<1	<1
Chloroform	67-66-3	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Chloroform	67-66-3	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Chloroform	67-66-3	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Chloroform	67-66-3	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Chloroform	67-66-3	ug/L	10/11/2012	<1	<1	<1	<1	<1	<2	<1	<1	<10	<1
Chloroform	67-66-3	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<2.8	<1
Chloroform	67-66-3	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
Chloroform	67-66-3	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	4.16J	<1
Chloroform	67-66-3	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	4/23/2018					<1		<1			
Chloroform	67-66-3	ug/L	4/24/2018				<1				<1		
Chloroform	67-66-3	ug/L	4/25/2018			<1						<1	<1
Chloroform	67-66-3	ug/L	4/27/2018	<1	<1								
Chloroform	67-66-3	ug/L	10/16/2018	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	4/16/2019	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	10/1/2019	<3	<3	<3	<3	<3	<3	<3	<3	<30	<3
Chloroform	67-66-3	ug/L	3/30/2020	<3	<3	<3	<3	<3	<30	<3	<3	<15	<3
Chloroform	67-66-3	ug/L	10/7/2020	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Chloroform	67-66-3	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chloroform	67-66-3	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chloroform	67-66-3	ug/L	5/1/2023	<3	<3	<3	<3	<3		<3	<3	<3	<3
Chloroform	67-66-3	ug/L	10/16/2023	<3	<3	<3	<3	<3		<3	<3	<3	<3
Chloroform	67-66-3	ug/L	4/29/2024	<3	<3	<3	<3	<3		<3	<3	<3	<3
Chloroform	67-66-3	ug/L	10/9/2024			<3.00					<3.00	<3.00	
Chloroform	67-66-3	ug/L	10/10/2024				<3.00	<3.00		<3.00			<3.00
Chloroform	67-66-3	ug/L	10/14/2024	<3.00	<3.00								
Chloroform	67-66-3	ug/L	4/28/2025			<3.00					<3.00	<3.00	<3.00
Chloroform	67-66-3	ug/L	4/29/2025				<3.00	<3.00	<3.00	<3.00			
Chloroform	67-66-3	ug/L	5/8/2025	<3.00	<3.00								
Chloroform	67-66-3	ug/L	10/20/2025					<3.00	<3.00			<3.00	
Chloroform	67-66-3	ug/L	10/21/2025				<3.00			<3.00	<3.00		
Chloroform	67-66-3	ug/L	10/24/2025	<3.00	<3.00								
Chloroform	67-66-3	ug/L	5/4/2026				<3.00						
Chloroform	67-66-3	ug/L	5/12/2026	<3.00	<3.00	<3.00		<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
Chloromethane	74-87-3	ug/L	2/27/2008	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	5/12/2008	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	7/13/2008	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	9/14/2008	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	11/17/2008	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	4/14/2009	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	7/7/2009							<3	<3	<60	<3
Chloromethane	74-87-3	ug/L	9/2/2009							<3	<3	<30	<3
Chloromethane	74-87-3	ug/L	10/25/2009	<3	<3	<3	<3	<3	<3	<3	<3	<30	<3
Chloromethane	74-87-3	ug/L	1/2/2010							<3	<3	<30	<3
Chloromethane	74-87-3	ug/L	3/3/2010							<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	5/10/2010	<3	<3	<3	<3	<3	<3	<3	<3	<15	<3
Chloromethane	74-87-3	ug/L	11/1/2010	<3	<3	<3	<3	<3	<3	<3	<3	<15	<3
Chloromethane	74-87-3	ug/L	10/13/2011	<3	<3	<3	<3	<3	<3	<3	<3	<15	<3
Chloromethane	74-87-3	ug/L	4/11/2012	<3	<3	<3	<3	<3	<3	<3	<3	<30	<3
Chloromethane	74-87-3	ug/L	10/11/2012	<3	<3	<3	<3	<3	<3	<3	<3	<30	<3
Chloromethane	74-87-3	ug/L	3/30/2013	<3	<3	<3	<3	<3	<3	<3	<3	<3.1	<3
Chloromethane	74-87-3	ug/L	10/7/2013		<3	<3	<3	<3	<3	<3	<3		<3
Chloromethane	74-87-3	ug/L	6/2/2014	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/15/2014	<3	<3	<3	<3	<3	<3	<3	<3	<30	<3
Chloromethane	74-87-3	ug/L	4/6/2015	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/5/2015	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/4/2016	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/17/2016	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/17/2017	0.315J	<3	<3	0.368J	0.389J	0.426J	0.348J	0.571J	<3	<3
Chloromethane	74-87-3	ug/L	10/11/2017	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/23/2018					<3		<3			
Chloromethane	74-87-3	ug/L	4/24/2018				<3				<3		
Chloromethane	74-87-3	ug/L	4/25/2018			<3						<3	<3
Chloromethane	74-87-3	ug/L	4/27/2018	<3	<3								
Chloromethane	74-87-3	ug/L	10/16/2018	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/16/2019	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/1/2019	<3	<3	<3	<3	<3	<3	<3	<3	<30	<3
Chloromethane	74-87-3	ug/L	3/30/2020	<3	<3	<3	<3	<3	<30	<3	<3	<15	<3
Chloromethane	74-87-3	ug/L	10/7/2020	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	74-87-3	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chloromethane	74-87-3	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chloromethane	74-87-3	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Chloromethane	74-87-3	ug/L	5/1/2023	<3	<3	<3	<3	<3		<3	<3	<3	<3

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Chloromethane	74-87-3	ug/L	10/16/2023	<3	<3	<3	<3	<3		<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/29/2024	<3	<3	<3	<3	<3		0.862J	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/9/2024			<3.00					<3.00	<3.00	
Chloromethane	74-87-3	ug/L	10/10/2024				<3.00	<3.00		<3.00			<3.00
Chloromethane	74-87-3	ug/L	10/14/2024	<3.00	<3.00								
Chloromethane	74-87-3	ug/L	4/28/2025			<3.00					<3.00	<3.00	<3.00
Chloromethane	74-87-3	ug/L	4/29/2025				<3.00	<3.00	<3.00	<3.00			
Chloromethane	74-87-3	ug/L	5/8/2025	<3.00	<3.00								
Chloromethane	74-87-3	ug/L	10/20/2025					<3.00	<3.00			<3.00	
Chloromethane	74-87-3	ug/L	10/21/2025				<3.00			<3.00	<3.00		
Chloromethane	74-87-3	ug/L	10/24/2025	<3.00	<3.00								
Chloromethane	74-87-3	ug/L	5/4/2026				<3.00						
Chloromethane	74-87-3	ug/L	5/12/2026	<3.00	<3.00	<3.00		<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
Chloroprene	126-99-8	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
Chloroprene	126-99-8	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Chloroprene	126-99-8	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroprene	126-99-8	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
Chloroprene	126-99-8	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
Chloroprene	126-99-8	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
Chloroprene	126-99-8	ug/L	5/8/2025	<1.00	<1.00								
Chromium	7440-47-3	mg/L	2/27/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Chromium	7440-47-3	mg/L	5/12/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Chromium	7440-47-3	mg/L	7/13/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Chromium	7440-47-3	mg/L	9/14/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Chromium	7440-47-3	mg/L	11/17/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Chromium	7440-47-3	mg/L	4/14/2009	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Chromium	7440-47-3	mg/L	7/7/2009							<0.1	<0.1	<0.1	<0.1
Chromium	7440-47-3	mg/L	9/2/2009							<0.1	<0.1	<0.1	<0.1
Chromium	7440-47-3	mg/L	10/25/2009	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	7440-47-3	mg/L	1/2/2010							<0.1	<0.1	<0.1	<0.1
Chromium	7440-47-3	mg/L	3/3/2010							<0.1	<0.1	<0.1	<0.1
Chromium	7440-47-3	mg/L	5/10/2010	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	11/1/2010							<0.1	<0.1	<0.1	<0.1
Chromium	7440-47-3	mg/L	4/4/2011							<0.1	<0.1	<0.1	<0.1
Chromium	7440-47-3	mg/L	10/13/2011	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	4/11/2012	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	10/11/2012	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	3/30/2013	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	10/7/2013	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	6/2/2014	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	10/15/2014	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	4/6/2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00207J	<0.005
Chromium	7440-47-3	mg/L	10/5/2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00195J	<0.005
Chromium	7440-47-3	mg/L	4/4/2016	0.000365J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00102J	<0.005	0.0018J	<0.005
Chromium	7440-47-3	mg/L	10/17/2016	<0.005	<0.005	0.000397J	<0.005	<0.005	<0.005	0.0012J	<0.005	0.00139J	0.000385J
Chromium	7440-47-3	mg/L	4/17/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00074J	<0.005	0.00161J	<0.005
Chromium	7440-47-3	mg/L	10/11/2017	<0.005	<0.005	<0.005	0.000786J	<0.005	<0.005	0.00115J	<0.005	0.00215J	<0.005
Chromium	7440-47-3	mg/L	4/23/2018					<0.005		<0.005			
Chromium	7440-47-3	mg/L	4/24/2018				<0.005				<0.005		
Chromium	7440-47-3	mg/L	4/25/2018			<0.005						0.00162J	<0.005
Chromium	7440-47-3	mg/L	4/27/2018	<0.005	<0.005								
Chromium	7440-47-3	mg/L	10/16/2018	<0.005	<0.005	0.0036J	0.00786	<0.005	0.00148J	0.00411J	0.00232J	0.00519	0.00155J
Chromium	7440-47-3	mg/L	4/16/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00157J	<0.005
Chromium	7440-47-3	mg/L	10/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00191J	<0.005
Chromium	7440-47-3	mg/L	3/30/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00154J	<0.005
Chromium	7440-47-3	mg/L	10/7/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00157J	<0.005
Chromium	7440-47-3	mg/L	4/13/2021	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	0.0006J	<0.008	0.0014J	<0.008
Chromium	7440-47-3	mg/L	10/20/2021	<0.008	<0.008	<0.008	<0.008	<0.008		0.0037J	<0.008	0.0015J	<0.008

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Chromium	7440-47-3	mg/L	5/2/2022	<0.008	<0.008	<0.008	<0.008	<0.008		0.0007J	<0.008	0.0013J	<0.008
Chromium	7440-47-3	mg/L	10/14/2022	<0.008	<0.008	<0.008	<0.008	<0.008		0.0012J	<0.008	0.0016J	<0.008
Chromium	7440-47-3	mg/L	5/1/2023	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	10/16/2023	<0.005	<0.005	<0.005	<0.005	<0.005		0.00121J	<0.005	0.00145J	<0.005
Chromium	7440-47-3	mg/L	4/29/2024	<0.005	<0.005	<0.02	<0.005	<0.005		<0.005	<0.005	0.00133J	<0.02
Chromium	7440-47-3	mg/L	10/9/2024			<0.00500					<0.00500	<0.00500	
Chromium	7440-47-3	mg/L	10/10/2024				<0.00500	<0.00500		<0.00500			<0.00500
Chromium	7440-47-3	mg/L	10/14/2024	<0.00500	<0.00500								
Chromium	7440-47-3	mg/L	4/28/2025			<0.00500					<0.0250	<0.00500	<0.00500
Chromium	7440-47-3	mg/L	4/29/2025				<0.00500	<0.00500	<0.00500	<0.00500			
Chromium	7440-47-3	mg/L	5/8/2025	<0.00500	<0.00500								
Chromium	7440-47-3	mg/L	10/20/2025					0.00603	0.00196			0.00399	
Chromium	7440-47-3	mg/L	10/21/2025				<0.00500			<0.00500	<0.00500		
Chromium	7440-47-3	mg/L	10/24/2025	<0.00500	<0.00500								
Chromium	7440-47-3	mg/L	5/4/2026				<0.00500						
Chromium	7440-47-3	mg/L	5/12/2026	<0.00500	<0.00500	<0.00500		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chrysene	218-01-9	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Chrysene	218-01-9	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Chrysene	218-01-9	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Chrysene	218-01-9	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Chrysene	218-01-9	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Chrysene	218-01-9	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Chrysene	218-01-9	ug/L	5/8/2025	<10.0	<10.9								
Cobalt	7440-48-4	mg/L	2/27/2008	0.0411	0.0247	0.0653	<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	5/12/2008	<0.02	0.0203	0.0553	<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	7/13/2008	0.02	0.0219	0.058	<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	9/14/2008	<0.02	0.0204	0.0547	0.0226	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	11/17/2008	<0.02	0.0229	0.0595	<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	4/14/2009	<0.02	0.0253	0.0595	<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	7/7/2009		0.0214	0.0569				<0.02	<0.02	<0.02	<0.02
Cobalt	7440-48-4	mg/L	9/2/2009		<0.02	0.056				<0.02	<0.02	<0.02	<0.02
Cobalt	7440-48-4	mg/L	10/25/2009	<0.02	0.0212	0.0597	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Cobalt	7440-48-4	mg/L	1/2/2010		0.0265	0.0606				<0.02	<0.02	<0.02	<0.02
Cobalt	7440-48-4	mg/L	3/3/2010							<0.02	<0.02	<0.02	<0.02
Cobalt	7440-48-4	mg/L	5/10/2010	0.00546	0.0236	0.0564	0.0067	<0.02	<0.02	0.00164	0.00159	0.00279	0.0134
Cobalt	7440-48-4	mg/L	7/8/2010							<0.02	<0.02	<0.02	0.0129
Cobalt	7440-48-4	mg/L	9/13/2010							<0.02	<0.02	0.00303	0.00952
Cobalt	7440-48-4	mg/L	11/1/2010	0.00755	0.0219	0.0586	0.00608	<0.02	<0.02	0.0017	<0.02	0.00209	0.00911
Cobalt	7440-48-4	mg/L	1/10/2011							<0.02	<0.02	<0.02	
Cobalt	7440-48-4	mg/L	4/4/2011							<0.02	0.00305	0.0024	<0.02
Cobalt	7440-48-4	mg/L	10/13/2011	0.00615	0.0213	0.0585	0.00628	<0.02	<0.02	<0.02	<0.02	<0.02	0.133
Cobalt	7440-48-4	mg/L	4/11/2012	0.00451	0.0201	0.0612	0.00454	<0.02	<0.02	<0.02	<0.02	<0.02	0.145
Cobalt	7440-48-4	mg/L	8/1/2012		0.0252								
Cobalt	7440-48-4	mg/L	10/11/2012	0.00492	0.0186	0.0605	0.00316	<0.02	<0.02	<0.02	<0.02	<0.02	0.0731
Cobalt	7440-48-4	mg/L	3/30/2013	0.00342	0.0258	0.0585	0.00558	0.00215	0.00213	<0.00132	0.00262	0.00482	0.0605
Cobalt	7440-48-4	mg/L	10/7/2013	<0.007	0.023	0.0717; 0.0686	<0.007	<0.007	0.0119	<0.007	<0.007	<0.007	0.0509
Cobalt	7440-48-4	mg/L	6/2/2014	0.00328; 0.00343	0.0253	0.0604	0.00265	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	0.0447
Cobalt	7440-48-4	mg/L	10/15/2014	0.00311	0.0215	0.0646	0.00314	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	0.0313
Cobalt	7440-48-4	mg/L	4/6/2015	0.00485	0.0252	0.0731; 0.0686	0.00389	0.0013	0.00109	<0.0005	0.00146	0.00231	0.0127
Cobalt	7440-48-4	mg/L	10/5/2015	0.0049	0.0281	0.0671	0.00301	0.00105	0.00386	0.000074J	0.00108	0.00198	0.0222
Cobalt	7440-48-4	mg/L	4/4/2016	0.0061	0.0231	0.0736	0.00391	0.00169	0.0092	0.00004J	0.00125	0.00193	0.018
Cobalt	7440-48-4	mg/L	10/17/2016	0.00392	0.0194	0.065	0.00273	0.000585	0.0025	0.000084J	0.000974; 0.00109	0.00165	0.0133
Cobalt	7440-48-4	mg/L	4/17/2017	0.0052	0.0256	0.0619	0.00232	0.000878	0.00634	<0.0005	0.000875	0.00137	0.00252
Cobalt	7440-48-4	mg/L	10/11/2017	0.00512	0.0214	0.0452	0.00419	0.00127	0.00327	0.000061J	0.00129	0.00155	0.0137; 0.016
Cobalt	7440-48-4	mg/L	4/23/2018					0.0011		<0.0005			
Cobalt	7440-48-4	mg/L	4/24/2018				0.00251				0.000949		
Cobalt	7440-48-4	mg/L	4/25/2018			0.0485						0.00141	0.00938
Cobalt	7440-48-4	mg/L	4/27/2018	0.00576	0.0178								

Table 9A
Analytical Data Summary - Source Characterization Wells
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Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Cobalt	7440-48-4	mg/L	10/16/2018	0.00507	0.0228	0.048	0.00308	0.00127	0.00425	0.000622J	0.000911J	0.0021	0.00517
Cobalt	7440-48-4	mg/L	4/16/2019	0.00556	0.034	0.0407	0.00329	0.00102	0.00289	<0.0005	0.000825	0.00161	0.000655
Cobalt	7440-48-4	mg/L	10/1/2019	0.00419; 0.0046	0.0259	0.0299	0.00319	0.00113	0.00398	0.000225J	0.000778	0.00202	0.00257
Cobalt	7440-48-4	mg/L	3/30/2020	0.00388	0.0172	0.0289	0.00278	0.000823	0.00405	<0.0005	0.000812	0.00213	0.000422J
Cobalt	7440-48-4	mg/L	10/7/2020	0.00461	0.025	0.0109	0.00224	0.00184	0.0031	<0.0005	0.000828	0.00213	0.00247
Cobalt	7440-48-4	mg/L	4/13/2021	0.0041	0.0228	0.0182	0.0027; 0.0026	0.0011	0.0038	<0.0004	0.0008	0.0017	0.0008
Cobalt	7440-48-4	mg/L	10/20/2021	0.0036	0.018	0.009	0.0019	0.0039	0.006	0.0003J	0.0008	0.002	0.0029
Cobalt	7440-48-4	mg/L	5/2/2022	0.0042	0.0246	0.0176	0.0021	0.0011	0.0029	<0.0004	0.0007	0.0018	0.0006
Cobalt	7440-48-4	mg/L	10/14/2022	0.004	0.0244	0.0108	0.0029	0.01	0.0038	0.0071	0.0018J	0.0036	0.0009
Cobalt	7440-48-4	mg/L	5/1/2023	0.00499	0.0213	0.0126	0.00218	0.00198	0.00245	<0.0005	0.00108	0.00177	0.000352J
Cobalt	7440-48-4	mg/L	10/16/2023	0.00113	0.0226	0.0102	0.00165	0.00348	0.00167	<0.0005	0.00069	0.00207	0.000754
Cobalt	7440-48-4	mg/L	4/29/2024	0.0211	0.0156	0.0202	0.00137	0.000925	0.00126	<0.0005	0.000567	0.00227	0.000984
Cobalt	7440-48-4	mg/L	10/9/2024			0.0110			0.00281		0.000706	0.00192	
Cobalt	7440-48-4	mg/L	10/10/2024				0.00142	0.00184		<0.000500			0.000529
Cobalt	7440-48-4	mg/L	10/14/2024	0.00250	0.0213								
Cobalt	7440-48-4	mg/L	4/28/2025			0.0145					0.00324	0.00218	0.000423
Cobalt	7440-48-4	mg/L	4/29/2025				0.00215	0.00257	0.00164	<0.000500			
Cobalt	7440-48-4	mg/L	5/8/2025	0.00789	0.0115								
Cobalt	7440-48-4	mg/L	10/20/2025					0.00307	0.000876			0.00162	
Cobalt	7440-48-4	mg/L	10/21/2025				0.00141			<0.000500	0.000571		
Cobalt	7440-48-4	mg/L	10/24/2025	0.00180	0.0237								
Cobalt	7440-48-4	mg/L	5/4/2026				0.00115						
Cobalt	7440-48-4	mg/L	5/12/2026	0.0102	0.00680	0.00289		0.000881	0.00117	<0.00100	0.000728	0.00202	<0.00100
Copper	7440-50-8	mg/L	2/27/2008	0.092	<0.025	0.047	0.026	<0.025	0.034				
Copper	7440-50-8	mg/L	5/12/2008	0.077	0.073	0.031	<0.025	0.027	<0.025				
Copper	7440-50-8	mg/L	7/13/2008	0.037	0.038	<0.025	<0.025	<0.025	<0.025				
Copper	7440-50-8	mg/L	9/14/2008	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025				
Copper	7440-50-8	mg/L	11/17/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Copper	7440-50-8	mg/L	4/14/2009	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025				
Copper	7440-50-8	mg/L	7/7/2009							<0.025	<0.025	<0.025	<0.025
Copper	7440-50-8	mg/L	9/2/2009							<0.025	<0.025	<0.025	<0.025
Copper	7440-50-8	mg/L	10/25/2009	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	0.028	<0.025
Copper	7440-50-8	mg/L	1/2/2010							<0.025	<0.025	<0.025	<0.025
Copper	7440-50-8	mg/L	3/3/2010							<0.025	<0.025	<0.025	<0.025
Copper	7440-50-8	mg/L	5/10/2010	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Copper	7440-50-8	mg/L	11/1/2010							<0.025	<0.025	<0.025	<0.025
Copper	7440-50-8	mg/L	4/4/2011							<0.025	<0.025	<0.025	<0.025
Copper	7440-50-8	mg/L	10/13/2011	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.149
Copper	7440-50-8	mg/L	4/11/2012	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Copper	7440-50-8	mg/L	10/11/2012	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Copper	7440-50-8	mg/L	3/30/2013	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0208
Copper	7440-50-8	mg/L	10/7/2013	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Copper	7440-50-8	mg/L	6/2/2014	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.00984J
Copper	7440-50-8	mg/L	10/15/2014	<0.02	<0.02	<0.02	<0.02	0.00538J	0.0569	0.0135J	0.028	<0.02	0.00966J
Copper	7440-50-8	mg/L	4/6/2015	<0.002	0.000602J	<0.002	<0.002	<0.002	<0.002	0.000646J	<0.002	<0.002	0.00304
Copper	7440-50-8	mg/L	10/5/2015	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Copper	7440-50-8	mg/L	4/4/2016	0.00355J	0.00444J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Copper	7440-50-8	mg/L	10/17/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00216J	<0.005
Copper	7440-50-8	mg/L	4/17/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Copper	7440-50-8	mg/L	10/11/2017	0.00347J	0.00248J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Copper	7440-50-8	mg/L	4/23/2018					<0.005		<0.005			
Copper	7440-50-8	mg/L	4/24/2018				<0.005				<0.005		
Copper	7440-50-8	mg/L	4/25/2018			<0.005						<0.005	0.00483J
Copper	7440-50-8	mg/L	4/27/2018	0.00351J	<0.005								
Copper	7440-50-8	mg/L	10/16/2018	<0.005	<0.005	0.000929J	0.00178J	<0.002	0.000873J	0.00117J	0.000765J	0.00149J	0.0229
Copper	7440-50-8	mg/L	4/16/2019	<0.005	<0.005	<0.005	<0.005	0.00202J	<0.005	<0.005	<0.005	<0.005	<0.005
Copper	7440-50-8	mg/L	10/1/2019	<0.005; 0.0111	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Copper	7440-50-8	mg/L	3/30/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Table 9A
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Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Copper	7440-50-8	mg/L	10/7/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Copper	7440-50-8	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0042
Copper	7440-50-8	mg/L	10/20/2021	0.002J	0.0027J	<0.004	<0.004	<0.004		0.0024J	<0.004	0.001J	0.0041
Copper	7440-50-8	mg/L	5/2/2022	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	0.0013J	0.0034J
Copper	7440-50-8	mg/L	10/14/2022	<0.004	0.0021J	<0.004	<0.004	<0.004		0.002J	<0.004	<0.004	0.0014J
Copper	7440-50-8	mg/L	5/1/2023	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0.00287J	0.00755
Copper	7440-50-8	mg/L	10/16/2023	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	0.00252J	<0.005	0.00389J
Copper	7440-50-8	mg/L	4/29/2024	<0.005	0.00241J	0.002J	<0.005	<0.005		<0.005	<0.005	<0.005	0.00753
Copper	7440-50-8	mg/L	10/9/2024			<0.00500					<0.00500	<0.00500	
Copper	7440-50-8	mg/L	10/10/2024				<0.00500	<0.00500		<0.00500			0.00555
Copper	7440-50-8	mg/L	10/14/2024	<0.00500	<0.00500								
Copper	7440-50-8	mg/L	4/28/2025			<0.00500					<0.0250	<0.00500	<0.00500
Copper	7440-50-8	mg/L	4/29/2025				<0.00500	<0.00500	<0.00500	<0.00500			
Copper	7440-50-8	mg/L	5/8/2025	<0.00500	<0.00500								
Copper	7440-50-8	mg/L	10/20/2025					<0.00500	<0.00500			<0.00500	
Copper	7440-50-8	mg/L	10/21/2025				<0.00500			<0.00500	<0.00500		
Copper	7440-50-8	mg/L	10/24/2025	<0.00500	<0.00500								
Copper	7440-50-8	mg/L	5/4/2026				<0.00200						
Copper	7440-50-8	mg/L	5/12/2026	0.000877	0.00245	<0.00200		0.000648	0.00111	0.000759	<0.00200	<0.00200	0.00216
Cyanide	57-12-5	mg/L	4/14/2009	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Cyanide	57-12-5	mg/L	5/10/2010	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanide	57-12-5	mg/L	10/5/2015	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanide	57-12-5	mg/L	3/30/2020	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanide, Total	57-12-5	mg/L	4/28/2025			<0.0100					<0.0100	<0.0100	<0.0100
Cyanide, Total	57-12-5	mg/L	4/29/2025				<0.0100	<0.0100	<0.0100	<0.0100			
Cyanide, Total	57-12-5	mg/L	5/8/2025	<0.0100	<0.0100								
DCAA	19719-28-9	ug/L	10/9/2024									1.82; 1.46	
DCAA	19719-28-9	ug/L	4/28/2025			1.45; 1.34					1.03; 0.993	1.29; 1.51	1.42; 1.24
DCAA	19719-28-9	ug/L	4/29/2025				1.61; 1.55	1.85; 1.77	1.87; 1.82	1.40; 1.33			
DCAA	19719-28-9	ug/L	5/8/2025	1.08; 1.15	1.19; 1.15								
DCAA	19719-28-9	ug/L	10/20/2025					2.08				1.97	
DCAA	19719-28-9	ug/L	5/12/2026					18.4				18.1	
DCB Decachlorobiphenyl (Surr)	2051-24-3	ug/L	10/9/2024									13.9	
Delta-BHC	319-86-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Delta-BHC	319-86-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Delta-BHC	319-86-8	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	<0.0333	<0.0333	<0.0323	<0.032	<0.032	<0.032
Delta-BHC	319-86-8	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	0.022J	<0.033	<0.0333	<0.033	0.00456J	0.00381J
Di-n-butyl phthalate	84-74-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Di-n-butyl phthalate	84-74-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Di-n-butyl phthalate	84-74-2	ug/L	10/5/2015	<10	<10.4	1.41J	<10.3	<10.5	<10.2	3.87J	<10	<10	<10
Di-n-butyl phthalate	84-74-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Di-n-butyl phthalate	84-74-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Di-n-butyl phthalate	84-74-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Di-n-butyl phthalate	84-74-2	ug/L	5/8/2025	<10.0	<10.9								
Di-n-octyl phthalate	117-84-0	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Di-n-octyl phthalate	117-84-0	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Di-n-octyl phthalate	117-84-0	ug/L	10/5/2015	<20	<20.8	<20	<20.6	<21.1	<20.4	<20.4	<20	1.91J	<20
Di-n-octyl phthalate	117-84-0	ug/L	3/30/2020	<23	<23.5	<20.2	<20.6	<20.8	<20.8	<20.4	<20.2	<21.3	<20.2
Di-n-octyl phthalate	117-84-0	ug/L	4/28/2025			<20.4					<21.3	<20.8	<21.3
Di-n-octyl phthalate	117-84-0	ug/L	4/29/2025				<20.0	<20.0	<20.0	<20.0			
Di-n-octyl phthalate	117-84-0	ug/L	5/8/2025	<20.0	<21.7								
Diallate	2303-16-4	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Diallate	2303-16-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Diallate	2303-16-4	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Diallate	2303-16-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Diallate	2303-16-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Diallate	2303-16-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Diallate	2303-16-4	ug/L	5/8/2025	<10.0	<10.9								

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Dibenz [a,h] anthracene	53-70-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Dibenz [a,h] anthracene	53-70-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenz [a,h] anthracene	53-70-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Dibenz [a,h] anthracene	53-70-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Dibenzo(a,h)anthracene	53-70-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Dibenzo(a,h)anthracene	53-70-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Dibenzo(a,h)anthracene	53-70-3	ug/L	5/8/2025	<10.0	<10.9								
Dibenzofuran	132-64-9	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Dibenzofuran	132-64-9	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dibenzofuran	132-64-9	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Dibenzofuran	132-64-9	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Dibenzofuran	132-64-9	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Dibenzofuran	132-64-9	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Dibenzofuran	132-64-9	ug/L	5/8/2025	<10.0	<10.9								
Dibromomethane	74-95-3	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	7/7/2009							<1	<1	<20	<1
Dibromomethane	74-95-3	ug/L	9/2/2009							<1	<1	<10	<1
Dibromomethane	74-95-3	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
Dibromomethane	74-95-3	ug/L	1/2/2010							<1	<1	<10	<1
Dibromomethane	74-95-3	ug/L	3/3/2010							<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Dibromomethane	74-95-3	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Dibromomethane	74-95-3	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Dibromomethane	74-95-3	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Dibromomethane	74-95-3	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Dibromomethane	74-95-3	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1.8	<1
Dibromomethane	74-95-3	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
Dibromomethane	74-95-3	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Dibromomethane	74-95-3	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/23/2018					<1		<1			
Dibromomethane	74-95-3	ug/L	4/24/2018				<1				<1		
Dibromomethane	74-95-3	ug/L	4/25/2018			<1						<1	<1
Dibromomethane	74-95-3	ug/L	4/27/2018	<1	<1								
Dibromomethane	74-95-3	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Dibromomethane	74-95-3	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
Dibromomethane	74-95-3	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/9/2024			<1.00					<1.00	<1.00	
Dibromomethane	74-95-3	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Dibromomethane	74-95-3	ug/L	10/14/2024	<1.00	<1.00								
Dibromomethane	74-95-3	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
Dibromomethane	74-95-3	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
Dibromomethane	74-95-3	ug/L	5/8/2025	<1.00	<1.00								
Dibromomethane	74-95-3	ug/L	10/20/2025					<1.00	<1.00			<1.00	
Dibromomethane	74-95-3	ug/L	10/21/2025				<1.00			<1.00	<1.00		
Dibromomethane	74-95-3	ug/L	10/24/2025	<1.00	<1.00								
Dibromomethane	74-95-3	ug/L	5/4/2026				<1.00						
Dibromomethane	74-95-3	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Dichlorodifluoromethane	75-71-8	ug/L	4/14/2009	<3	<3	<3	<3	32	37.4				
Dichlorodifluoromethane	75-71-8	ug/L	7/7/2009					24.7	33.4				
Dichlorodifluoromethane	75-71-8	ug/L	9/2/2009					35.4	35.1				
Dichlorodifluoromethane	75-71-8	ug/L	1/2/2010					35.2	37.5				
Dichlorodifluoromethane	75-71-8	ug/L	5/10/2010	<4	<3	<3	<3	20.6	23.5	39.8	<3	<15	<3
Dichlorodifluoromethane	75-71-8	ug/L	7/8/2010							17.2			
Dichlorodifluoromethane	75-71-8	ug/L	9/13/2010							32.7			
Dichlorodifluoromethane	75-71-8	ug/L	11/1/2010					22.4	32.2	31.1			
Dichlorodifluoromethane	75-71-8	ug/L	1/10/2011							23.7			
Dichlorodifluoromethane	75-71-8	ug/L	4/4/2011					24.5	13.7	20.6			
Dichlorodifluoromethane	75-71-8	ug/L	10/13/2011					47.3	15.6	32.2			
Dichlorodifluoromethane	75-71-8	ug/L	4/11/2012					23.9	7.37	28.2			
Dichlorodifluoromethane	75-71-8	ug/L	10/11/2012					45.8	10.4	26.4			
Dichlorodifluoromethane	75-71-8	ug/L	3/30/2013						7.82	22.6			
Dichlorodifluoromethane	75-71-8	ug/L	10/7/2013					43.5; 42.6	8.29	26.6			
Dichlorodifluoromethane	75-71-8	ug/L	6/2/2014					49	5.68	32.8			
Dichlorodifluoromethane	75-71-8	ug/L	10/15/2014					28.9	8.73	30			
Dichlorodifluoromethane	75-71-8	ug/L	4/6/2015					31.6	6.27	31.5			
Dichlorodifluoromethane	75-71-8	ug/L	10/5/2015	<3	<3	<3	<3	38.9	4.62	20.2	<3	<3	<3
Dichlorodifluoromethane	75-71-8	ug/L	4/4/2016					24.5	5.99	17.6			
Dichlorodifluoromethane	75-71-8	ug/L	10/17/2016					13	11.9	25.7			
Dichlorodifluoromethane	75-71-8	ug/L	4/17/2017					36	<3	23.6			
Dichlorodifluoromethane	75-71-8	ug/L	10/11/2017					38.7	3.01	17			
Dichlorodifluoromethane	75-71-8	ug/L	4/23/2018					24.5		12.9			
Dichlorodifluoromethane	75-71-8	ug/L	10/16/2018					25.3	6.4	13.7			
Dichlorodifluoromethane	75-71-8	ug/L	4/16/2019					17.9	1.99J	10.1			
Dichlorodifluoromethane	75-71-8	ug/L	10/1/2019					<3	1.74J	18.7			
Dichlorodifluoromethane	75-71-8	ug/L	3/30/2020	<3	<3	<3	0.3J	10.4	<30	12.6	<3	<15	<3
Dichlorodifluoromethane	75-71-8	ug/L	10/7/2020					7.16	0.983J	10.2			
Dichlorodifluoromethane	75-71-8	ug/L	4/13/2021					4.5	1.3	8			
Dichlorodifluoromethane	75-71-8	ug/L	5/2/2022					4.1		11.4			
Dichlorodifluoromethane	75-71-8	ug/L	10/14/2022					2.2		5.2			
Dichlorodifluoromethane	75-71-8	ug/L	5/1/2023					3.19		7.66			
Dichlorodifluoromethane	75-71-8	ug/L	10/16/2023					2.8J		6.54			
Dichlorodifluoromethane	75-71-8	ug/L	4/29/2024					1.84J		<3			
Dichlorodifluoromethane	75-71-8	ug/L	10/10/2024					1.86J		2.88J			
Dichlorodifluoromethane	75-71-8	ug/L	4/28/2025			<3.00					<3.00	<3.00	<3.00
Dichlorodifluoromethane	75-71-8	ug/L	4/29/2025				<3.00	1.83	1.78	0.963			
Dichlorodifluoromethane	75-71-8	ug/L	5/8/2025	<3.00	<3.00								
Dieldrin	60-57-1	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Dieldrin	60-57-1	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Dieldrin	60-57-1	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	<0.0333	<0.0333	0.0034J	<0.032	0.00456J	0.00351J
Dieldrin	60-57-1	ug/L	3/30/2020	0.00317J	0.00319J	<0.0333	<0.0333	0.00267J	<0.033	<0.0333	<0.033	0.00947J	<0.0333
Dieldrin	60-57-1	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
Dieldrin	60-57-1	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
Dieldrin	60-57-1	ug/L	5/8/2025	<0.0911	<0.0902								
Diethyl phthalate	84-66-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Diethyl phthalate	84-66-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Diethyl phthalate	84-66-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Diethyl phthalate	84-66-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Diethyl phthalate	84-66-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Diethyl phthalate	84-66-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Diethyl phthalate	84-66-2	ug/L	5/8/2025	<10.0	<10.9								
Dimethoate	60-51-5	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Dimethoate	60-51-5	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dimethoate	60-51-5	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Dimethoate	60-51-5	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Dimethoate	60-51-5	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Dimethoate	60-51-5	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Dimethoate	60-51-5	ug/L	5/8/2025	<10.0	<10.9								
Dimethyl phthalate	131-11-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Dimethyl phthalate	131-11-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dimethyl phthalate	131-11-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Dimethyl phthalate	131-11-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Dimethyl phthalate	131-11-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Dimethyl phthalate	131-11-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Dimethyl phthalate	131-11-3	ug/L	5/8/2025	<10.0	<10.9								
Dimethylaminoazobenzene	60-11-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Dimethylaminoazobenzene	60-11-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dimethylaminoazobenzene	60-11-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Dimethylaminoazobenzene	60-11-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Dinoseb	88-85-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Dinoseb	88-85-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Dinoseb	88-85-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Dinoseb	88-85-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Dinoseb	88-85-7	ug/L	10/14/2022									<0.5	
Dinoseb	88-85-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Dinoseb	88-85-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Dinoseb	88-85-7	ug/L	5/8/2025	<10.0	<10.9								
Diphenylamine	122-39-4	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Diphenylamine	122-39-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Diphenylamine	122-39-4	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Diphenylamine	122-39-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Diphenylamine	122-39-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Diphenylamine	122-39-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Diphenylamine	122-39-4	ug/L	5/8/2025	<10.0	<10.9								
Disulfoton	298-04-4	ug/L	4/14/2009	<70	<70	<70	<350	<70	<70				
Disulfoton	298-04-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Disulfoton	298-04-4	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Disulfoton	298-04-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Disulfoton	298-04-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Disulfoton	298-04-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Disulfoton	298-04-4	ug/L	5/8/2025	<10.0	<10.9								
Endosulfan I	959-98-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Endosulfan I	959-98-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Endosulfan I	959-98-8	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	<0.0333	<0.0333	<0.0323	<0.032	<0.032	<0.032
Endosulfan I	959-98-8	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	0.00475J	<0.033	<0.0333	<0.033	<0.0333	<0.0333
Endosulfan I	959-98-8	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
Endosulfan I	959-98-8	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
Endosulfan I	959-98-8	ug/L	5/8/2025	<0.0911	<0.0902								
Endosulfan II	33213-65-9	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Endosulfan II	33213-65-9	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Endosulfan II	33213-65-9	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	0.00473J	<0.0333	<0.0323	<0.032	<0.032	<0.032
Endosulfan II	33213-65-9	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	<0.0333	<0.033	<0.0333	<0.033	<0.0333	<0.0333
Endosulfan II	33213-65-9	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
Endosulfan II	33213-65-9	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
Endosulfan II	33213-65-9	ug/L	5/8/2025	<0.0911	<0.0902								

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Endosulfan sulfate	1031-07-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Endosulfan sulfate	1031-07-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Endosulfan sulfate	1031-07-8	ug/L	10/5/2015	<0.034	0.00505J	<0.0327	<0.0323	0.00502J	<0.0333	0.00336J	<0.032	0.0139J	0.00528J
Endosulfan sulfate	1031-07-8	ug/L	3/30/2020	<0.0356	0.00429J	<0.0333	<0.0333	0.00553J	<0.033	<0.0333	<0.033	0.0041J	<0.0333
Endosulfan sulfate	1031-07-8	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
Endosulfan sulfate	1031-07-8	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
Endosulfan sulfate	1031-07-8	ug/L	5/8/2025	<0.0911	<0.0902								
Endrin	72-20-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Endrin	72-20-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Endrin	72-20-8	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	0.00207J	0.00206J	0.00437J	<0.032	0.00201J	<0.032
Endrin	72-20-8	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	0.00242J	<0.033	<0.0333	<0.033	<0.0333	<0.0333
Endrin	72-20-8	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
Endrin	72-20-8	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
Endrin	72-20-8	ug/L	5/8/2025	<0.0911	<0.0902								
Endrin aldehyde	7421-93-4	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Endrin aldehyde	7421-93-4	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Endrin aldehyde	7421-93-4	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	<0.0333	<0.0333	<0.0323	0.00864J	0.012J	<0.032
Endrin aldehyde	7421-93-4	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	<0.0333	<0.033	<0.0333	<0.033	<0.0333	<0.0333
Endrin aldehyde	7421-93-4	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
Endrin aldehyde	7421-93-4	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
Endrin aldehyde	7421-93-4	ug/L	5/8/2025	<0.0911	<0.0902								
Ethyl Methacrylate	97-63-2	ug/L	4/14/2009	<2	<2	<2	<2	<2	<2				
Ethyl Methacrylate	97-63-2	ug/L	5/10/2010	<4	<20	<20	<20	<20	<20	<20	<20	<100	<20
Ethyl Methacrylate	97-63-2	ug/L	10/5/2015	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Ethyl Methacrylate	97-63-2	ug/L	3/30/2020	<2	<2	<2	<2	<2	<20	<2	<2	<10	<2
Ethyl Methanesulfonate	62-50-0	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Ethyl Methanesulfonate	62-50-0	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Ethyl Methanesulfonate	62-50-0	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Ethyl Methanesulfonate	62-50-0	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Ethyl Parathion	56-38-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Ethyl Parathion	56-38-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Ethyl Parathion	56-38-2	ug/L	5/8/2025	<10.0	<10.9								
Ethyl methacrylate	97-63-2	ug/L	4/28/2025			<2.00					<2.00	<2.00	<2.00
Ethyl methacrylate	97-63-2	ug/L	4/29/2025				<2.00	<2.00	<2.00	<2.00			
Ethyl methacrylate	97-63-2	ug/L	5/8/2025	<2.00	<2.00								
Ethyl methanesulfonate	62-50-0	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Ethyl methanesulfonate	62-50-0	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Ethyl methanesulfonate	62-50-0	ug/L	5/8/2025	<10.0	<10.9								
Ethylbenzene	100-41-4	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	7/7/2009							<1	<1	<20	<1
Ethylbenzene	100-41-4	ug/L	9/2/2009							<1	<1	<10	<1
Ethylbenzene	100-41-4	ug/L	10/25/2009	<2	<1	<2	<2	<2	<2	<2	<2	<20	<1
Ethylbenzene	100-41-4	ug/L	1/2/2010							<1	<1	<10	<1
Ethylbenzene	100-41-4	ug/L	3/3/2010							<1	<1	5.6	<1
Ethylbenzene	100-41-4	ug/L	5/10/2010	<2	<1	<1	<1	<1	<1	<1	<1	5.2	<1
Ethylbenzene	100-41-4	ug/L	7/8/2010									7.08	
Ethylbenzene	100-41-4	ug/L	9/13/2010									5.78	
Ethylbenzene	100-41-4	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	7.8	<1
Ethylbenzene	100-41-4	ug/L	1/10/2011									<5	
Ethylbenzene	100-41-4	ug/L	4/4/2011									6.55	
Ethylbenzene	100-41-4	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	6.75	<1
Ethylbenzene	100-41-4	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Ethylbenzene	100-41-4	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1

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Ethylbenzene	100-41-4	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<2.1	<1
Ethylbenzene	100-41-4	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
Ethylbenzene	100-41-4	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	0.656J	<1
Ethylbenzene	100-41-4	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Ethylbenzene	100-41-4	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	0.423J	<1
Ethylbenzene	100-41-4	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	0.726J	<1
Ethylbenzene	100-41-4	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	0.21J	<1
Ethylbenzene	100-41-4	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	0.216J	<1
Ethylbenzene	100-41-4	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/23/2018					<1		<1			
Ethylbenzene	100-41-4	ug/L	4/24/2018				<1				<1		
Ethylbenzene	100-41-4	ug/L	4/25/2018			<1						<1	<1
Ethylbenzene	100-41-4	ug/L	4/27/2018	<1	<1								
Ethylbenzene	100-41-4	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Ethylbenzene	100-41-4	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
Ethylbenzene	100-41-4	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/9/2024			<1.00					<1.00	<1.00	
Ethylbenzene	100-41-4	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
Ethylbenzene	100-41-4	ug/L	10/14/2024	<1.00	<1.00								
Ethylbenzene	100-41-4	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
Ethylbenzene	100-41-4	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
Ethylbenzene	100-41-4	ug/L	5/8/2025	<1.00	<1.00								
Ethylbenzene	100-41-4	ug/L	10/20/2025					<1.00	<1.00			<1.00	
Ethylbenzene	100-41-4	ug/L	10/21/2025				<1.00			<1.00	<1.00		
Ethylbenzene	100-41-4	ug/L	10/24/2025	<1.00	<1.00								
Ethylbenzene	100-41-4	ug/L	5/4/2026				<1.00						
Ethylbenzene	100-41-4	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Famphur	52-85-7	ug/L	4/14/2009	<20	<20	<20	<100	<20	<20				
Famphur	52-85-7	ug/L	5/10/2010	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Famphur	52-85-7	ug/L	10/5/2015	<20	<20.8	<20	<20.6	<21.1	<20.4	<20.4	<20	<20	<20
Famphur	52-85-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Famphur	52-85-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Famphur	52-85-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Famphur	52-85-7	ug/L	5/8/2025	<10.0	<10.9								
Fluoranthene	206-44-0	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Fluoranthene	206-44-0	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluoranthene	206-44-0	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Fluoranthene	206-44-0	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Fluoranthene	206-44-0	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Fluoranthene	206-44-0	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Fluoranthene	206-44-0	ug/L	5/8/2025	<10.0	<10.9								
Fluorene	86-73-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Fluorene	86-73-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Fluorene	86-73-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Fluorene	86-73-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Fluorene	86-73-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Fluorene	86-73-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Fluorene	86-73-7	ug/L	5/8/2025	<10.0	<10.9								

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Gamma-BHC [Lindane]	58-89-9	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Gamma-BHC [Lindane]	58-89-9	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Gamma-BHC [Lindane]	58-89-9	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	<0.0333	<0.0333	<0.0323	<0.032	0.00361J	0.00235J
Gamma-BHC [Lindane]	58-89-9	ug/L	3/30/2020	0.00308J	<0.034	0.00412J	<0.0333	0.00501J	0.00202J	0.00437J	<0.033	<0.0333	<0.0333
Gamma-Chlordane	5566-34-7	ug/L	5/10/2010				<0.032			<0.032			
Heptachlor	76-44-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Heptachlor	76-44-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Heptachlor	76-44-8	ug/L	10/5/2015	<0.034	0.00359J	<0.0327	<0.0323	<0.0333	0.00323J	<0.0323	<0.032	<0.032	<0.032
Heptachlor	76-44-8	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	<0.0333	<0.033	<0.0333	<0.033	0.00478J	<0.0333
Heptachlor	76-44-8	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
Heptachlor	76-44-8	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
Heptachlor	76-44-8	ug/L	5/8/2025	<0.0911	<0.0902								
Heptachlor Epoxide	1024-57-3	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Heptachlor Epoxide	1024-57-3	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Heptachlor Epoxide	1024-57-3	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	<0.0333	<0.0333	<0.0323	<0.032	<0.032	<0.032
Heptachlor Epoxide	1024-57-3	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	<0.0333	<0.033	<0.0333	<0.033	<0.0333	<0.0333
Heptachlor epoxide	1024-57-3	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
Heptachlor epoxide	1024-57-3	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
Heptachlor epoxide	1024-57-3	ug/L	5/8/2025	<0.0911	<0.0902								
Hexachlorobenzene	118-74-1	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Hexachlorobenzene	118-74-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hexachlorobenzene	118-74-1	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Hexachlorobenzene	118-74-1	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Hexachlorobenzene	118-74-1	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Hexachlorobenzene	118-74-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Hexachlorobenzene	118-74-1	ug/L	5/8/2025	<10.0	<10.9								
Hexachlorobutadiene	87-68-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Hexachlorobutadiene	87-68-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hexachlorobutadiene	87-68-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Hexachlorobutadiene	87-68-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Hexachlorobutadiene	87-68-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Hexachlorobutadiene	87-68-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Hexachlorobutadiene	87-68-3	ug/L	5/8/2025	<10.0	<10.9								
Hexachlorocyclopentadiene	77-47-4	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Hexachlorocyclopentadiene	77-47-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hexachlorocyclopentadiene	77-47-4	ug/L	10/5/2015	<20	<20.8	<20	<20.6	<21.1	<20.4	<20.4	<20	<20	<20
Hexachlorocyclopentadiene	77-47-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Hexachlorocyclopentadiene	77-47-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Hexachlorocyclopentadiene	77-47-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Hexachlorocyclopentadiene	77-47-4	ug/L	5/8/2025	<10.0	<10.9								
Hexachloroethane	67-72-1	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Hexachloroethane	67-72-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hexachloroethane	67-72-1	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Hexachloroethane	67-72-1	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Hexachloroethane	67-72-1	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Hexachloroethane	67-72-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Hexachloroethane	67-72-1	ug/L	5/8/2025	<10.0	<10.9								
Hexachloropropene	1888-71-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Hexachloropropene	1888-71-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Hexachloropropene	1888-71-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Hexachloropropene	1888-71-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Hexachloropropene	1888-71-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Hexachloropropene	1888-71-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Hexachloropropene	1888-71-7	ug/L	5/8/2025	<10.0	<10.9								
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	5/8/2025	<10.0	<10.9								
Iodomethane	74-88-4	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	7/7/2009							<20	<10	<200	<10
Iodomethane	74-88-4	ug/L	9/2/2009							<10	<10	<100	<10
Iodomethane	74-88-4	ug/L	10/25/2009	<10	<50	<10	<10	<10	<10	<10	<10	<100	<20
Iodomethane	74-88-4	ug/L	1/2/2010							<10	<10	<100	<20
Iodomethane	74-88-4	ug/L	3/3/2010							<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
Iodomethane	74-88-4	ug/L	11/1/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
Iodomethane	74-88-4	ug/L	10/13/2011	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
Iodomethane	74-88-4	ug/L	4/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Iodomethane	74-88-4	ug/L	10/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Iodomethane	74-88-4	ug/L	3/30/2013	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/7/2013		<10	<10	<10	<10	<10	<10	<10		<10
Iodomethane	74-88-4	ug/L	6/2/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/15/2014	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Iodomethane	74-88-4	ug/L	4/6/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/4/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/17/2016	<10	<10	<10	<10	<10	<100	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/17/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/11/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/23/2018					<10		<10			
Iodomethane	74-88-4	ug/L	4/24/2018				<10				<10		
Iodomethane	74-88-4	ug/L	4/25/2018			<10						<10	<10
Iodomethane	74-88-4	ug/L	4/27/2018	<10	<10								
Iodomethane	74-88-4	ug/L	10/16/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/16/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Iodomethane	74-88-4	ug/L	3/30/2020	<10	<10	<10	<10	<10	<100	<10	<10	<50	<10
Iodomethane	74-88-4	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Iodomethane	74-88-4	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Iodomethane	74-88-4	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Iodomethane	74-88-4	ug/L	10/14/2022	<1	<1								<1
Iodomethane	74-88-4	ug/L	5/1/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/16/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/29/2024	<10	<10	<10	<10	<10		<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/9/2024			<10.0					<10.0	<10.0	
Iodomethane	74-88-4	ug/L	10/10/2024				<10.0	<10.0		<10.0			<10.0
Iodomethane	74-88-4	ug/L	10/14/2024	<10.0	<10.0								
Iodomethane	74-88-4	ug/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
Iodomethane	74-88-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Iodomethane	74-88-4	ug/L	5/8/2025	<10.0	<10.0								
Iodomethane	74-88-4	ug/L	10/20/2025					<10.0	<10.0			<10.0	
Iodomethane	74-88-4	ug/L	10/21/2025				<10.0			<10.0	<10.0		
Iodomethane	74-88-4	ug/L	10/24/2025	<10.0	<10.0								
Iodomethane	74-88-4	ug/L	5/4/2026				<10.0						
Iodomethane	74-88-4	ug/L	5/12/2026	<10.0	<10.0	<10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Iron	7439-89-6	mg/L	4/28/2025			28.2					136	60.1	12.2
Iron	7439-89-6	mg/L	4/29/2025				20.7	<0.100	1.39	<0.100			

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Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Iron	7439-89-6	mg/L	5/8/2025	12.8	2.79								
Iron	7439-89-6	ug/L	5/4/2026				18900						
Iron	7439-89-6	ug/L	5/12/2026	24400	1850	33900		64.3	235	54.7	29000	63300	16400
Iron, Total	7439-89-6	mg/L	4/6/2015	25.3	12.4	63.3	35.1	<0.1	0.184	<0.1	27.2	56.6	82.4
Iron, Total	7439-89-6	mg/L	10/5/2015	22.5	26.6	61.2	36.7	<0.1	0.725	0.221	28.6	60.1	63.6
Iron, Total	7439-89-6	mg/L	4/4/2016	24.8	16.8	64.2	36.2	<0.1	8.88	0.0767J	23.9	57.6	75.1
Iron, Total	7439-89-6	mg/L	10/17/2016	23.2	23.1	61.3	36.1	<0.1	0.638	<0.1	25.8	50.8	68.8
Iron, Total	7439-89-6	mg/L	10/20/2021	31.9	3.54	35.5	34	0.072J		<0.1	31.1	54.7	46.5
Iron, Total	7439-89-6	mg/L	5/2/2022	29	25.7	40.8	20.4	<0.1		<0.1	30.8	56.1	20.1
Iron, Total	7439-89-6	mg/L	5/1/2023	39.5	20.9	39.6	18.2	0.0426J		<0.1	32.5	51.6	27.4
Iron, Total	7439-89-6	mg/L	4/29/2024	62.5	0.916	25.6	18.3	<0.1		0.0571J	27.4	60.3	5.92
Isobutanol	78-83-1	mg/L	4/14/2009	<10	<10	<10	<10	<10	<10				
Isobutanol	78-83-1	mg/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Isobutanol	78-83-1	mg/L	10/5/2015	<10	<10	<10	13.1	<10	<10	<10	<10	<10	<10
Isobutanol	78-83-1	mg/L	4/4/2016				<10						
Isobutanol	78-83-1	mg/L	10/11/2016				<10						
Isobutanol	78-83-1	mg/L	10/17/2016				<20						
Isobutanol	78-83-1	mg/L	11/14/2016				<10						
Isobutanol	78-83-1	mg/L	4/17/2017				<10						
Isobutanol	78-83-1	mg/L	10/11/2017				<10						
Isobutanol	78-83-1	mg/L	4/24/2018				<10						
Isobutanol	78-83-1	mg/L	10/16/2018				<10						
Isobutanol	78-83-1	mg/L	4/16/2019				<10						
Isobutanol	78-83-1	mg/L	3/30/2020	<10	<10	<10	<10	<10	<10	<10	<10	0.844J	<10
Isobutanol	78-83-1	mg/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
Isobutanol	78-83-1	mg/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Isobutanol	78-83-1	mg/L	5/8/2025	<10.0	<10.0								
Isodrin	465-73-6	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Isodrin	465-73-6	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Isodrin	465-73-6	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Isodrin	465-73-6	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Isodrin	465-73-6	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Isodrin	465-73-6	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Isodrin	465-73-6	ug/L	5/8/2025	<10.0	<10.9								
Isophorone	78-59-1	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Isophorone	78-59-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Isophorone	78-59-1	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Isophorone	78-59-1	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Isophorone	78-59-1	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Isophorone	78-59-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Isophorone	78-59-1	ug/L	5/8/2025	<10.0	<10.9								
Isosafrole	120-58-1	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Isosafrole	120-58-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Isosafrole	120-58-1	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Isosafrole	120-58-1	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Isosafrole	120-58-1	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Isosafrole	120-58-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Isosafrole	120-58-1	ug/L	5/8/2025	<10.0	<10.9								
Kepone	143-50-0	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Kepone	143-50-0	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Kepone	143-50-0	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Kepone	143-50-0	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Kepone	143-50-0	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Kepone	143-50-0	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Kepone	143-50-0	ug/L	5/8/2025	<10.0	<10.9								
Lead	7439-92-1	mg/L	2/27/2008	0.07	<0.005	0.01	0.011	<0.005	<0.005				
Lead	7439-92-1	mg/L	5/12/2008	0.039	0.018	<0.005	<0.005	<0.005	<0.005				
Lead	7439-92-1	mg/L	7/13/2008	0.03	0.013	<0.005	<0.005	<0.005	<0.005				

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Lead	7439-92-1	mg/L	9/14/2008	0.013	<0.005	<0.005	0.023	<0.005	<0.005				
Lead	7439-92-1	mg/L	11/17/2008	0.00903	<0.004	<0.004	0.00679	<0.004	<0.004				
Lead	7439-92-1	mg/L	4/14/2009	<0.005	<0.005	<0.005	0.0093	<0.005	<0.005				
Lead	7439-92-1	mg/L	7/7/2009				0.006			<0.005	<0.005	<0.005	<0.005
Lead	7439-92-1	mg/L	9/2/2009				<0.005			<0.005; <0.004	<0.004; <0.005	<0.005; <0.004	0.0052
Lead	7439-92-1	mg/L	10/25/2009	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.015	<0.005
Lead	7439-92-1	mg/L	1/2/2010				<0.005			<0.005	<0.005	<0.005	<0.005
Lead	7439-92-1	mg/L	3/3/2010							<0.005	<0.005	<0.005	<0.005
Lead	7439-92-1	mg/L	5/10/2010	0.0037	<0.002	<0.004	0.0024	<0.002	<0.002	0.0038	<0.002	<0.004	<0.002
Lead	7439-92-1	mg/L	7/8/2010							<0.005			
Lead	7439-92-1	mg/L	9/13/2010							0.011			
Lead	7439-92-1	mg/L	11/1/2010							<0.005	0.0078	<0.005	<0.005
Lead	7439-92-1	mg/L	1/10/2011							<0.004			
Lead	7439-92-1	mg/L	4/4/2011							<0.005	<0.005	<0.005	<0.005
Lead	7439-92-1	mg/L	10/13/2011	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0349
Lead	7439-92-1	mg/L	4/11/2012	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	10/11/2012	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0131
Lead	7439-92-1	mg/L	3/30/2013	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0109
Lead	7439-92-1	mg/L	10/7/2013	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	6/2/2014	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.00118J
Lead	7439-92-1	mg/L	10/15/2014	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.00769	<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	4/6/2015	<0.0005	<0.0005	<0.0005	0.000585	0.000106J	<0.0005	<0.0005	<0.0005	0.00025J	0.000238J
Lead	7439-92-1	mg/L	10/5/2015	<0.0005	<0.0005	<0.0005	<0.0005	0.000147J	<0.0005	0.00019J	<0.0005	0.000188J	0.000164J
Lead	7439-92-1	mg/L	4/4/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00116	<0.0005	<0.0005	<0.0005	0.000238J
Lead	7439-92-1	mg/L	10/17/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000394J
Lead	7439-92-1	mg/L	4/17/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	10/11/2017	<0.0005	<0.0005	0.000476J	0.00188	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	4/23/2018					<0.0005		<0.0005			
Lead	7439-92-1	mg/L	4/24/2018				<0.0005				<0.0005		
Lead	7439-92-1	mg/L	4/25/2018			<0.0005						0.000257J	0.000278J
Lead	7439-92-1	mg/L	4/27/2018	0.000477J	<0.0005								
Lead	7439-92-1	mg/L	10/16/2018	0.000292J	<0.0005	<0.0005	0.000545	<0.0005	<0.0005	<0.0005	<0.0005	0.000553	0.00181
Lead	7439-92-1	mg/L	4/16/2019	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000321J	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	10/1/2019	<0.0005; 0.00161	0.00104	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000584
Lead	7439-92-1	mg/L	3/30/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000726
Lead	7439-92-1	mg/L	10/7/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000594	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	10/20/2021	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	0.001J	<0.004
Lead	7439-92-1	mg/L	5/2/2022	<0.004	<0.004	<0.004	0.0011J	<0.004		<0.004	<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	10/14/2022	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	5/1/2023	<0.0005	<0.0005	0.000245J	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	10/16/2023	0.000429J	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	0.000644
Lead	7439-92-1	mg/L	4/29/2024	<0.0005	<0.0005	0.000706	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	0.000605
Lead	7439-92-1	mg/L	10/9/2024			0.000316J					<0.000500	<0.000500	
Lead	7439-92-1	mg/L	10/10/2024				<0.000500	<0.000500		<0.000500			<0.000500
Lead	7439-92-1	mg/L	10/14/2024	<0.000500	<0.000500								
Lead	7439-92-1	mg/L	4/28/2025			<0.000500					<0.00250	<0.000500	<0.000500
Lead	7439-92-1	mg/L	4/29/2025				<0.000500	<0.000500	<0.000500	<0.000500			
Lead	7439-92-1	mg/L	5/8/2025	<0.000500	<0.000500								
Lead	7439-92-1	mg/L	10/20/2025					<0.000500	<0.000500			<0.000500	
Lead	7439-92-1	mg/L	10/21/2025				<0.000500			<0.000500	<0.000500		
Lead	7439-92-1	mg/L	10/24/2025	<0.000500	<0.000500								
Lead	7439-92-1	mg/L	5/4/2026				<0.000500						
Lead	7439-92-1	mg/L	5/12/2026	<0.000500	<0.000500	<0.000500		<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Magnesium	7439-95-4	mg/L	6/2/2014	66.6; 67.9	54.4	126	86.2		94.2	72.5	46	131	61.2
Magnesium	7439-95-4	mg/L	10/15/2014	66.7	50	124	87.1	76.7	89.4	72	57.7	101	61.2
Magnesium	7439-95-4	mg/L	3/30/2020				80.3						
Manganese	7439-96-5	mg/L	4/6/2015	4.44	10.5	20	1.66	0.406	0.0365	<0.01	0.872	4.1	19

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Manganese	7439-96-5	mg/L	10/5/2015	3.94	11.8	19.5	1.81	0.261	0.105	0.0153	1.04	4.66	19.3
Manganese	7439-96-5	mg/L	4/4/2016	4.31	8.36	21.2	1.64	0.474	0.215	0.00697J	0.931	4.77	15.2
Manganese	7439-96-5	mg/L	10/17/2016	4.13	8.5	19.7	1.43	0.163	0.0825	0.00939J	1.1	3.87	17.6
Manganese	7439-96-5	mg/L	10/20/2021	4.02	5.27	12.1	2.03	0.513		0.008	1.34	4.41	10.7
Manganese	7439-96-5	mg/L	5/2/2022	3.89	10.5	13.7	0.929	0.185		<0.005	1.28	4.13	3.92
Manganese	7439-96-5	mg/L	5/1/2023	4.49	8.66	13.8	1.19	0.317		<0.01	1.41	4.58	4.96
Manganese	7439-96-5	mg/L	4/29/2024	4.46	7.61	13.1	1.08	0.14		<0.01	1.32	4.88	10.1
Manganese	7439-96-5	mg/L	4/28/2025			13.2					6.64	4.45	12.5
Manganese	7439-96-5	mg/L	4/29/2025				1.08	0.318	0.0499	<0.0100			
Manganese	7439-96-5	mg/L	5/8/2025	4.43	7.40								
Manganese	7439-96-5	ug/L	5/4/2026				1100						
Manganese	7439-96-5	ug/L	5/12/2026	3440	4940	5750		153	57.5	2.03	1380	5540	7640
Mercury	7439-97-6	mg/L	4/14/2009	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
Mercury	7439-97-6	mg/L	5/10/2010	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury	7439-97-6	mg/L	10/5/2015	<0.0002	<0.0002	<0.0002	0.000109J	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury	7439-97-6	mg/L	3/30/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mercury	7439-97-6	mg/L	4/28/2025			<0.000200					<0.000200	<0.000200	<0.000200
Mercury	7439-97-6	mg/L	4/29/2025				<0.000200	<0.000200	<0.000200	<0.000200			
Mercury	7439-97-6	mg/L	5/8/2025	<0.000200	<0.000200								
Methacrylonitrile	126-98-7	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
Methacrylonitrile	126-98-7	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Methacrylonitrile	126-98-7	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methacrylonitrile	126-98-7	ug/L	3/30/2020	<10	<10	<10	<10	<10	<100	<10	<10	<50	<10
Methacrylonitrile	126-98-7	ug/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
Methacrylonitrile	126-98-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Methacrylonitrile	126-98-7	ug/L	5/8/2025	<10.0	<10.0								
Methane, Dissolved	74-82-8	mg/L	4/6/2015	0.274	0.209	1.97	0.437	3.1	0.0562	0.0039J	4.69	38.7	5.45
Methane, Dissolved	74-82-8	mg/L	10/5/2015	0.944	0.19	2.02	0.309	2.55	0.156	0.0744	2.67	6.96	3.07
Methane, Dissolved	74-82-8	mg/L	4/4/2016	0.293	0.306	0.00566	0.00468	3.31	0.658	0.00784	1.41	12.8	6.5
Methane, Dissolved	74-82-8	mg/L	10/17/2016	0.293	0.304	2.02	0.266	0.561	0.606	0.153	1.32	6.71	3.05
Methapyrilene	91-80-5	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Methapyrilene	91-80-5	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methapyrilene	91-80-5	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Methapyrilene	91-80-5	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Methapyrilene	91-80-5	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Methapyrilene	91-80-5	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Methapyrilene	91-80-5	ug/L	5/8/2025	<10.0	<10.9								
Methoxychlor	72-43-5	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032				
Methoxychlor	72-43-5	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Methoxychlor	72-43-5	ug/L	10/5/2015	<0.034	<0.0333	<0.0327	<0.0323	<0.0333	<0.0333	0.00255J	<0.032	<0.032	<0.032
Methoxychlor	72-43-5	ug/L	3/30/2020	<0.0356	<0.034	<0.0333	<0.0333	<0.0333	<0.033	<0.0333	<0.033	<0.0333	<0.0333
Methoxychlor	72-43-5	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
Methoxychlor	72-43-5	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
Methoxychlor	72-43-5	ug/L	5/8/2025	<0.0911	<0.0902								
Methyl Methacrylate	80-62-6	ug/L	4/14/2009	<2	<2	<2	<2	<2	<2				
Methyl Methacrylate	80-62-6	ug/L	5/10/2010	<2	<5	<5	<5	<5	<5	<5	<5	<25	<5
Methyl Methacrylate	80-62-6	ug/L	10/5/2015	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Methyl Methacrylate	80-62-6	ug/L	3/30/2020	<2	<2	<2	<2	<2	<20	<2	<2	<10	<2
Methyl Methanesulfonate	66-27-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Methyl Methanesulfonate	66-27-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methyl Methanesulfonate	66-27-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Methyl Methanesulfonate	66-27-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Methyl methacrylate	80-62-6	ug/L	4/28/2025			<2.00					<2.00	<2.00	<2.00
Methyl methacrylate	80-62-6	ug/L	4/29/2025				<2.00	<2.00	<2.00	<2.00			
Methyl methacrylate	80-62-6	ug/L	5/8/2025	<2.00	<2.00								
Methyl methanesulfonate	66-27-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Methyl methanesulfonate	66-27-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Methyl methanesulfonate	66-27-3	ug/L	5/8/2025	<10.0	<10.9								

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Methyl parathion	298-00-0	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Methyl parathion	298-00-0	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Methyl parathion	298-00-0	ug/L	5/8/2025	<10.0	<10.9								
Methylene Chloride	75-09-2	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	4/14/2009	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	7/7/2009							<5	<5	<100	<5
Methylene Chloride	75-09-2	ug/L	9/2/2009							<5	<5	<50	<5
Methylene Chloride	75-09-2	ug/L	10/25/2009	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Methylene Chloride	75-09-2	ug/L	1/2/2010							<5	<5	<50	<5
Methylene Chloride	75-09-2	ug/L	3/3/2010							<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	5/10/2010	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Methylene Chloride	75-09-2	ug/L	11/1/2010	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Methylene Chloride	75-09-2	ug/L	10/13/2011	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Methylene Chloride	75-09-2	ug/L	4/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Methylene Chloride	75-09-2	ug/L	10/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Methylene Chloride	75-09-2	ug/L	3/30/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/7/2013		<5	<5	<5	<5	<5	<5	<5		<5
Methylene Chloride	75-09-2	ug/L	6/2/2014	<5	<5	<5	<5	<5	<5	<5	0.268J	<5	<5
Methylene Chloride	75-09-2	ug/L	10/15/2014	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Methylene Chloride	75-09-2	ug/L	4/6/2015	<5	<5	<5	0.25J	0.478J	<5	0.327J	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/5/2015	0.935J	0.265J	0.809J	0.974J	1.48J	0.673J	0.362J	0.344J	0.5J	0.285J
Methylene Chloride	75-09-2	ug/L	4/4/2016	<5	<5	<5	0.302J	0.338J	0.523J	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/17/2016	0.315J	0.435J	0.429J	0.847J	0.791J	1.3J	0.556J	0.431J; 0.443J	0.572J	0.282J
Methylene Chloride	75-09-2	ug/L	4/17/2017	0.405J	0.491J	0.257J	0.754J	1.03J	<5	0.745J	0.676J	<5	<5
Methylene Chloride	75-09-2	ug/L	10/11/2017	<5	<5	<5	<5	0.481J	0.727J	<5	<5	0.204J	<5
Methylene Chloride	75-09-2	ug/L	4/23/2018					0.644J		0.343J			
Methylene Chloride	75-09-2	ug/L	4/24/2018				0.414J				0.518J		
Methylene Chloride	75-09-2	ug/L	4/25/2018			0.448J						0.451J	0.373J
Methylene Chloride	75-09-2	ug/L	4/27/2018	<5	<5								
Methylene Chloride	75-09-2	ug/L	10/16/2018	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	4/16/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
Methylene Chloride	75-09-2	ug/L	3/30/2020	<5	<5	<5	<5	<5	<50	<5	<5	<25	<5
Methylene Chloride	75-09-2	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/20/2021	<5	<5	<5	<5	<5		<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	5/2/2022	<5	<5	<5	<5	<5		<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/14/2022	<5	<5	<5	<5	<5		<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	5/1/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/16/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	4/29/2024	<5	<5	<5	<5	<5		<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/9/2024			<5.00					<5.00	<5.00	
Methylene Chloride	75-09-2	ug/L	10/10/2024				<5.00	<5.00		<5.00			<5.00
Methylene Chloride	75-09-2	ug/L	10/14/2024	<5.00	<5.00								
Methylene Chloride	75-09-2	ug/L	4/28/2025			<5.00					<5.00	<5.00	<5.00
Methylene Chloride	75-09-2	ug/L	4/29/2025				<5.00	<5.00	<5.00	<5.00			
Methylene Chloride	75-09-2	ug/L	5/8/2025	<5.00	<5.00								
Methylene Chloride	75-09-2	ug/L	10/20/2025					<5.00	<5.00			<5.00	
Methylene Chloride	75-09-2	ug/L	10/21/2025				<5.00			<5.00	<5.00		
Methylene Chloride	75-09-2	ug/L	10/24/2025	<5.00	<5.00								
Methylene Chloride	75-09-2	ug/L	5/4/2026				<5.00						
Methylene Chloride	75-09-2	ug/L	5/12/2026	<5.00	<5.00	<5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
Methylphenol, 3 & 4	106-44-5	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Methylphenol, 3 & 4	106-44-5	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Methylphenol, 3 & 4	106-44-5	ug/L	5/8/2025	<10.0	<10.9								
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/8/2025	<10.0	<10.9								
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/8/2025	<10.0	<10.9								
N-Nitrosodiethylamine	55-18-5	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
N-Nitrosodiethylamine	55-18-5	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N-Nitrosodiethylamine	55-18-5	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
N-Nitrosodiethylamine	55-18-5	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
N-Nitrosodiethylamine	55-18-5	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
N-Nitrosodiethylamine	55-18-5	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
N-Nitrosodiethylamine	55-18-5	ug/L	5/8/2025	<10.0	<10.9								
N-Nitrosodimethylamine	62-75-9	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
N-Nitrosodimethylamine	62-75-9	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N-Nitrosodimethylamine	62-75-9	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
N-Nitrosodimethylamine	62-75-9	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
N-Nitrosodimethylamine	62-75-9	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
N-Nitrosodimethylamine	62-75-9	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
N-Nitrosodimethylamine	62-75-9	ug/L	5/8/2025	<10.0	<10.9								
N-Nitrosodiphenylamine	86-30-6	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
N-Nitrosodiphenylamine	86-30-6	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N-Nitrosodiphenylamine	86-30-6	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
N-Nitrosodiphenylamine	86-30-6	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
N-Nitrosodiphenylamine	86-30-6	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
N-Nitrosodiphenylamine	86-30-6	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
N-Nitrosodiphenylamine	86-30-6	ug/L	5/8/2025	<10.0	<10.9								
N-Nitrosomethylethalamine	10595-95-6	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
N-Nitrosomethylethalamine	10595-95-6	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N-Nitrosomethylethalamine	10595-95-6	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
N-Nitrosomethylethalamine	10595-95-6	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
N-Nitrosomethylethylamine	10595-95-6	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
N-Nitrosomethylethylamine	10595-95-6	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
N-Nitrosomethylethylamine	10595-95-6	ug/L	5/8/2025	<10.0	<10.9								
N-Nitrosopiperidine	100-75-4	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
N-Nitrosopiperidine	100-75-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N-Nitrosopiperidine	100-75-4	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
N-Nitrosopiperidine	100-75-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
N-Nitrosopiperidine	100-75-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
N-Nitrosopiperidine	100-75-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
N-Nitrosopiperidine	100-75-4	ug/L	5/8/2025	<10.0	<10.9								
N-Nitrosopyrrolidine	930-55-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
N-Nitrosopyrrolidine	930-55-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
N-Nitrosopyrrolidine	930-55-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
N-Nitrosopyrrolidine	930-55-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
N-Nitrosopyrrolidine	930-55-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
N-Nitrosopyrrolidine	930-55-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
N-Nitrosopyrrolidine	930-55-2	ug/L	5/8/2025	<10.0	<10.9								
Naphthalene	91-20-3	ug/L	4/14/2009	<5	<5	<5	<5	<5	<5				

Table 9A
Analytical Data Summary - Source Characterization Wells
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Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Naphthalene	91-20-3	ug/L	5/10/2010	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
Naphthalene	91-20-3	ug/L	10/7/2013							<5			
Naphthalene	91-20-3	ug/L	10/5/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	91-20-3	ug/L	3/30/2020	<5	<5	<5	<5	<5	<50	<5	<5	<25	<5
Naphthalene	91-20-3	ug/L	4/28/2025			<5.00					<5.00	<5.00	<5.00
Naphthalene	91-20-3	ug/L	4/29/2025				<5.00	<5.00	<5.00	<5.00			
Naphthalene	91-20-3	ug/L	5/8/2025	<5.00	<5.00								
Nickel	7440-02-0	mg/L	2/27/2008	0.064	0.027	0.042	0.033	<0.01	<0.01				
Nickel	7440-02-0	mg/L	5/12/2008	0.052	0.064	0.038	0.025	<0.01	<0.01				
Nickel	7440-02-0	mg/L	7/13/2008	0.038	0.042	0.031	0.021	<0.01	<0.01				
Nickel	7440-02-0	mg/L	9/14/2008	0.017	0.024	0.034	<0.01	<0.01	<0.01				
Nickel	7440-02-0	mg/L	11/17/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Nickel	7440-02-0	mg/L	4/14/2009	<0.01	0.021	0.033	0.031	0.03	0.016				
Nickel	7440-02-0	mg/L	7/7/2009		0.019	0.03; 0.028	0.023	<0.01	<0.01	0.011; <0.01	0.012	0.156	0.015
Nickel	7440-02-0	mg/L	9/2/2009		0.015	0.031	0.023	<0.01	<0.01	<0.01	0.011	0.148; 0.154	0.022
Nickel	7440-02-0	mg/L	10/25/2009	<0.01	0.015	0.034	0.027	<0.01	<0.01	<0.01	0.012	0.13	0.019
Nickel	7440-02-0	mg/L	1/2/2010		0.019	0.036	0.028	<0.01	<0.01	<0.01	0.016	0.17	0.018
Nickel	7440-02-0	mg/L	3/3/2010							<0.01	0.019	0.16; 0.15	0.012
Nickel	7440-02-0	mg/L	5/10/2010	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.13	<0.05
Nickel	7440-02-0	mg/L	7/8/2010									0.122	
Nickel	7440-02-0	mg/L	9/13/2010									0.129	
Nickel	7440-02-0	mg/L	11/1/2010							<0.01	<0.01	0.107	<0.01
Nickel	7440-02-0	mg/L	1/10/2011									0.122	
Nickel	7440-02-0	mg/L	4/4/2011							<0.01	<0.01	0.098	<0.01
Nickel	7440-02-0	mg/L	10/13/2011	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.09	0.195
Nickel	7440-02-0	mg/L	4/11/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0826	0.117
Nickel	7440-02-0	mg/L	10/11/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0805	0.0726
Nickel	7440-02-0	mg/L	3/30/2013	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0754	0.0622
Nickel	7440-02-0	mg/L	10/7/2013	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0821	0.0693
Nickel	7440-02-0	mg/L	6/2/2014	<0.05	0.0124J	0.0342J	0.0163J	<0.05	<0.05	<0.05	<0.05	0.0825	0.0558
Nickel	7440-02-0	mg/L	10/15/2014	<0.05	0.0185J	0.0476J	0.0257J	0.0189J	0.0155J	0.0135J	0.0154J	0.0897	0.0414J
Nickel	7440-02-0	mg/L	4/6/2015	0.00223J	0.0139	0.0392; 0.0359	0.013	0.00793	0.00294J	0.00142J	0.0064	0.0707	0.00738
Nickel	7440-02-0	mg/L	10/5/2015	0.00241J	0.0118	0.036	0.013	0.00539	0.00375J	0.00136J	0.00371J	0.0606	0.0162
Nickel	7440-02-0	mg/L	4/4/2016	0.003J	0.0103	0.0363	0.0138	0.00877	0.0046J	<0.005	0.00356J	0.0577	0.0146
Nickel	7440-02-0	mg/L	10/17/2016	0.00229J	0.00893	0.0319	0.0123	0.0043J	0.00324J	<0.005	0.00223J; 0.00237J	0.0474	0.00919
Nickel	7440-02-0	mg/L	4/17/2017	0.00279J	0.0128	0.0317	0.0118	0.00374J	0.00528	0.00167J	0.0026J	0.0437	0.00372J
Nickel	7440-02-0	mg/L	10/11/2017	0.00279J	0.0166	0.029	0.0131	0.00439J	0.00385J	0.000995J	0.0029J	0.0471	0.0103; 0.0134
Nickel	7440-02-0	mg/L	4/23/2018					0.00375J		0.00137J			
Nickel	7440-02-0	mg/L	4/24/2018				0.0119				0.00288J		
Nickel	7440-02-0	mg/L	4/25/2018			0.0205						0.0392	0.0105
Nickel	7440-02-0	mg/L	4/27/2018	0.00207J	0.0183								
Nickel	7440-02-0	mg/L	10/16/2018	0.00288J	0.012	0.0208	0.0124	0.00492	0.00552	0.00263	0.00235	0.0446	0.00701
Nickel	7440-02-0	mg/L	4/16/2019	0.00259J	0.0141	0.0167	0.0122	0.00399J	0.00385J	<0.005	0.00272J	0.0384	<0.005
Nickel	7440-02-0	mg/L	10/1/2019	<0.005	0.0113	0.0139	0.0115	0.00362J	0.0036J	0.0018J	0.00238J	0.0474	0.00344J
Nickel	7440-02-0	mg/L	3/30/2020	0.00207J	0.00993	0.0102	0.0101	0.00204J	0.00472J	<0.005	<0.005	0.0473	<0.005
Nickel	7440-02-0	mg/L	10/7/2020	0.00255J	0.012	0.00809	0.00993	0.0042J	0.00368J	<0.005	0.00276J	0.0484	0.00255J
Nickel	7440-02-0	mg/L	4/13/2021	0.0024J	0.012	0.008	0.0087; 0.0086	0.0034J	0.0047	0.0013J	0.0025J	0.0411	0.001J
Nickel	7440-02-0	mg/L	10/20/2021	0.0024J	0.0219	0.0079	0.0092	0.0067		0.0032J	0.0028J	0.0487	0.0029J
Nickel	7440-02-0	mg/L	5/2/2022	0.0019J	0.0116	0.0086	0.0085	0.004		<0.004	0.0032J	0.0454	<0.004
Nickel	7440-02-0	mg/L	10/14/2022	0.0024J	0.0115	0.0092	0.0086	0.0073		0.0015J	0.0024J	0.0536	0.0016J
Nickel	7440-02-0	mg/L	5/1/2023	0.00267J	0.0127	0.00898	0.00875	0.00534		<0.005	0.0021J	0.049	<0.005
Nickel	7440-02-0	mg/L	10/16/2023	0.00191J	0.0103	0.0112	0.00859	0.00714		<0.005	0.00219J	0.055	0.00349J
Nickel	7440-02-0	mg/L	4/29/2024	0.0123	0.0283	0.0104	0.00813	0.00321J		<0.005	<0.005	0.056	0.00356J
Nickel	7440-02-0	mg/L	10/9/2024			0.0104					<0.00500	0.0552	
Nickel	7440-02-0	mg/L	10/10/2024				0.00715	0.00402J		<0.00500			<0.00500
Nickel	7440-02-0	mg/L	10/14/2024	0.00275J	0.0103								
Nickel	7440-02-0	mg/L	4/28/2025			0.0102					<0.0250	0.0601	<0.0200
Nickel	7440-02-0	mg/L	4/29/2025				0.00665	0.00299	0.00351	<0.00500			

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Nickel	7440-02-0	mg/L	5/8/2025	0.00699	0.0157								
Nickel	7440-02-0	mg/L	10/20/2025					0.00917	0.00363			0.0726	
Nickel	7440-02-0	mg/L	10/21/2025				0.00859			<0.00500	<0.00500		
Nickel	7440-02-0	mg/L	10/24/2025	0.00296	0.00881								
Nickel	7440-02-0	mg/L	5/4/2026				0.00813						
Nickel	7440-02-0	mg/L	5/12/2026	0.00828	0.0117	0.00288		0.00364	0.00319	0.000648	0.00163	0.0741	<0.00200
Nitrate (NO3)	14797-55-8	mg/L	4/6/2015	<0.1	0.461	<0.1	0.301	<0.1	0.0614J	0.106	<0.1	<0.1	<0.1
Nitrate (NO3)	14797-55-8	mg/L	10/5/2015	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.12	<0.1	<0.1	<0.1
Nitrate (NO3)	14797-55-8	mg/L	4/4/2016	1.2	1.07	<0.1	<0.1	<0.1	<0.1	0.124	<0.1	0.098J	<0.1
Nitrate (NO3)	14797-55-8	mg/L	10/17/2016	<0.1	1.37	<0.1	<0.1	<0.1	<0.1	0.128	0.404	0.662	1.13
Nitrate (NO3)	14797-55-8	mg/L	10/20/2021	<0.1	0.6	<0.1	<0.1	<0.1		0.7	<0.1	0.3	<0.1
Nitrate (NO3)	14797-55-8	mg/L	5/2/2022	<0.1	<0.1	<0.1	<0.1	<0.1		1.1	<0.1	0.1	<0.1
Nitrate (NO3)	14797-55-8	mg/L	5/1/2023	<0.2	<0.2	0.278	0.228	<0.2		0.792	<0.2	1.69	<0.2
Nitrate (NO3)	14797-55-8	mg/L	4/29/2024	<0.2	0.395	<0.2	<0.2	0.238		2.1	<0.2	1.27	<0.2
Nitrate as N	14797-55-8	mg/L	4/28/2025			<0.200					<0.200	0.759	<0.200
Nitrate as N	14797-55-8	mg/L	4/29/2025				<0.200	0.469	<0.200	<0.200			
Nitrate as N	14797-55-8	mg/L	5/8/2025	<0.200	<0.200								
Nitrate as N	14797-55-8	mg/L	5/4/2026				<0.200						
Nitrate as N	14797-55-8	mg/L	5/12/2026	<0.200	0.175	<0.200		0.400	<0.200	1.01	<0.200	0.220	<0.200
Nitrobenzene	98-95-3	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Nitrobenzene	98-95-3	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Nitrobenzene	98-95-3	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Nitrobenzene	98-95-3	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Nitrobenzene	98-95-3	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Nitrobenzene	98-95-3	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Nitrobenzene	98-95-3	ug/L	5/8/2025	<10.0	<10.9								
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/14/2009	<30	<30	<30	<150	<30	<30				
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
O-Toluidine	95-53-4	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
O-Toluidine	95-53-4	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
O-Toluidine	95-53-4	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	0.474J	<10
O-Toluidine	95-53-4	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
PCB-1016	12674-11-2	ug/L	4/14/2009	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8				
PCB-1016	12674-11-2	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
PCB-1016	12674-11-2	ug/L	10/5/2015	<0.851	<0.833	<0.8	<0.808	<0.816	<0.825	<0.825	<0.8	<0.8	<0.8
PCB-1016	12674-11-2	ug/L	3/30/2020	<0.889	<0.851	<0.833	<0.833	<0.833	<0.825	<0.833	<0.825	<0.833	<0.833
PCB-1016	12674-11-2	ug/L	4/28/2025			<1.81					<1.80	<1.81	<1.79
PCB-1016	12674-11-2	ug/L	4/29/2025				<1.79	<1.81	<1.81	<1.80			
PCB-1016	12674-11-2	ug/L	5/8/2025	<1.82	<1.80								
PCB-1221	11104-28-2	ug/L	4/14/2009	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8				
PCB-1221	11104-28-2	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
PCB-1221	11104-28-2	ug/L	10/5/2015	<0.851	<0.833	<0.8	<0.808	<0.816	<0.825	<0.825	<0.8	<0.8	<0.8
PCB-1221	11104-28-2	ug/L	3/30/2020	<0.889	<0.851	<0.833	<0.833	<0.833	<0.825	<0.833	<0.825	<0.833	<0.833
PCB-1221	11104-28-2	ug/L	4/28/2025			<1.81					<1.80	<1.81	<1.79
PCB-1221	11104-28-2	ug/L	4/29/2025				<1.79	<1.81	<1.81	<1.80			
PCB-1221	11104-28-2	ug/L	5/8/2025	<1.82	<1.80								
PCB-1232	11141-16-5	ug/L	4/14/2009	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8				
PCB-1232	11141-16-5	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
PCB-1232	11141-16-5	ug/L	10/5/2015	<0.851	<0.833	<0.8	<0.808	<0.816	<0.825	<0.825	<0.8	<0.8	<0.8
PCB-1232	11141-16-5	ug/L	3/30/2020	<0.889	<0.851	<0.833	<0.833	<0.833	<0.825	<0.833	<0.825	<0.833	<0.833
PCB-1232	11141-16-5	ug/L	4/28/2025			<1.81					<1.80	<1.81	<1.79
PCB-1232	11141-16-5	ug/L	4/29/2025				<1.79	<1.81	<1.81	<1.80			
PCB-1232	11141-16-5	ug/L	5/8/2025	<1.82	<1.80								
PCB-1242	53469-21-9	ug/L	4/14/2009	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8				
PCB-1242	53469-21-9	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
PCB-1242	53469-21-9	ug/L	10/5/2015	<0.851	<0.833	<0.8	<0.808	<0.816	<0.825	<0.825	<0.8	<0.8	<0.8

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
PCB-1242	53469-21-9	ug/L	3/30/2020	<0.889	<0.851	<0.833	<0.833	<0.833	<0.825	<0.833	<0.825	<0.833	<0.833
PCB-1242	53469-21-9	ug/L	4/28/2025			<1.81					<1.80	<1.81	<1.79
PCB-1242	53469-21-9	ug/L	4/29/2025				<1.79	<1.81	<1.81	<1.80			
PCB-1242	53469-21-9	ug/L	5/8/2025	<1.82	<1.80								
PCB-1248	12672-29-6	ug/L	4/14/2009	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8				
PCB-1248	12672-29-6	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
PCB-1248	12672-29-6	ug/L	10/5/2015	<0.851	<0.833	<0.8	<0.808	<0.816	<0.825	<0.825	<0.8	<0.8	<0.8
PCB-1248	12672-29-6	ug/L	3/30/2020	<0.889	<0.851	<0.833	<0.833	<0.833	<0.825	<0.833	<0.825	<0.833	<0.833
PCB-1248	12672-29-6	ug/L	4/28/2025			<1.81					<1.80	<1.81	<1.79
PCB-1248	12672-29-6	ug/L	4/29/2025				<1.79	<1.81	<1.81	<1.80			
PCB-1248	12672-29-6	ug/L	5/8/2025	<1.82	<1.80								
PCB-1254	11097-69-1	ug/L	4/14/2009	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8				
PCB-1254	11097-69-1	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
PCB-1254	11097-69-1	ug/L	10/5/2015	<0.851	<0.833	<0.8	<0.808	<0.816	<0.825	<0.825	<0.8	<0.8	<0.8
PCB-1254	11097-69-1	ug/L	3/30/2020	<0.889	<0.851	<0.833	<0.833	<0.833	<0.825	<0.833	<0.825	<0.833	<0.833
PCB-1254	11097-69-1	ug/L	4/28/2025			<1.81					<1.80	<1.81	<1.79
PCB-1254	11097-69-1	ug/L	4/29/2025				<1.79	<1.81	<1.81	<1.80			
PCB-1254	11097-69-1	ug/L	5/8/2025	<1.82	<1.80								
PCB-1260	11096-82-5	ug/L	4/14/2009	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8				
PCB-1260	11096-82-5	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
PCB-1260	11096-82-5	ug/L	10/5/2015	<0.851	<0.833	<0.8	<0.808	<0.816	<0.825	<0.825	<0.8	<0.8	<0.8
PCB-1260	11096-82-5	ug/L	3/30/2020	<0.889	<0.851	<0.833	<0.833	<0.833	<0.825	<0.833	<0.825	<0.833	<0.833
PCB-1260	11096-82-5	ug/L	4/28/2025			<1.81					<1.80	<1.81	<1.79
PCB-1260	11096-82-5	ug/L	4/29/2025				<1.79	<1.81	<1.81	<1.80			
PCB-1260	11096-82-5	ug/L	5/8/2025	<1.82	<1.80								
Parathion-Ethyl	56-38-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Parathion-Ethyl	56-38-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Parathion-Ethyl	56-38-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Parathion-Ethyl	56-38-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Parathion-Methyl	298-00-0	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Parathion-Methyl	298-00-0	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Parathion-Methyl	298-00-0	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Parathion-Methyl	298-00-0	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Pentachlorobenzene	608-93-5	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Pentachlorobenzene	608-93-5	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pentachlorobenzene	608-93-5	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Pentachlorobenzene	608-93-5	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Pentachlorobenzene	608-93-5	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Pentachlorobenzene	608-93-5	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Pentachlorobenzene	608-93-5	ug/L	5/8/2025	<10.0	<10.9								
Pentachloronitrobenzene	82-68-8	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Pentachloronitrobenzene	82-68-8	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pentachloronitrobenzene	82-68-8	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Pentachloronitrobenzene	82-68-8	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Pentachloronitrobenzene	82-68-8	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Pentachloronitrobenzene	82-68-8	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Pentachloronitrobenzene	82-68-8	ug/L	5/8/2025	<10.0	<10.9								
Pentachlorophenol	87-86-5	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Pentachlorophenol	87-86-5	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Pentachlorophenol	87-86-5	ug/L	5/8/2025	<10.0	<10.9								
Pentachlorophenol [2C]	87-86-5	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Pentachlorophenol [2C]	87-86-5	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pentachlorophenol [2C]	87-86-5	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Pentachlorophenol [2C]	87-86-5	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Phenacetin	62-44-2	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Phenacetin	62-44-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenacetin	62-44-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Phenacetin	62-44-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1

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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Phenacetin	62-44-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Phenacetin	62-44-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Phenacetin	62-44-2	ug/L	5/8/2025	<10.0	<10.9								
Phenanthrene	85-01-8	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Phenanthrene	85-01-8	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenanthrene	85-01-8	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Phenanthrene	85-01-8	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Phenanthrene	85-01-8	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Phenanthrene	85-01-8	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Phenanthrene	85-01-8	ug/L	5/8/2025	<10.0	<10.9								
Phenol	108-95-2	ug/L	4/14/2009	<20	<20	<20	<100	<20	<20				
Phenol	108-95-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phenol	108-95-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Phenol	108-95-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Phenol	108-95-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Phenol	108-95-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Phenol	108-95-2	ug/L	5/8/2025	<10.0	<10.9								
Phorate	298-02-2	ug/L	4/14/2009	<60	<60	<60	<300	<60	<60				
Phorate	298-02-2	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Phorate	298-02-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Phorate	298-02-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Phorate	298-02-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Phorate	298-02-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Phorate	298-02-2	ug/L	5/8/2025	<10.0	<10.9								
Potassium	7440-09-7	mg/L	6/2/2014	<1	1.39	<1	1.27		<1	<1	<1	36.1	1.31
Potassium	7440-09-7	mg/L	10/15/2014	<1	1.42	<1	1.34	<1	<1	<1	0.817J	42.8	1.23
Potassium	7440-09-7	mg/L	3/30/2020				1.16						
Pronamide	23950-58-5	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Pronamide	23950-58-5	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pronamide	23950-58-5	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Pronamide	23950-58-5	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Pronamide	23950-58-5	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Pronamide	23950-58-5	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Pronamide	23950-58-5	ug/L	5/8/2025	<10.0	<10.9								
Propionitrile	107-12-0	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
Propionitrile	107-12-0	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
Propionitrile	107-12-0	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Propionitrile	107-12-0	ug/L	3/30/2020	<10	<10	<10	<10	<10	<100	<10	<10	<50	<10
Propionitrile	107-12-0	ug/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
Propionitrile	107-12-0	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Propionitrile	107-12-0	ug/L	5/8/2025	<10.0	<10.0								
Pyrene	129-00-0	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Pyrene	129-00-0	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pyrene	129-00-0	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Pyrene	129-00-0	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Pyrene	129-00-0	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Pyrene	129-00-0	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Pyrene	129-00-0	ug/L	5/8/2025	<10.0	<10.9								
Safrole	94-59-7	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
Safrole	94-59-7	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Safrole	94-59-7	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Safrole	94-59-7	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Safrole	94-59-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Safrole	94-59-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Safrole	94-59-7	ug/L	5/8/2025	<10.0	<10.9								
Selenium	7782-49-2	mg/L	2/27/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Selenium	7782-49-2	mg/L	5/12/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Selenium	7782-49-2	mg/L	7/13/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Selenium	7782-49-2	mg/L	9/14/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Selenium	7782-49-2	mg/L	11/17/2008	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	4/14/2009	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Selenium	7782-49-2	mg/L	7/7/2009							<0.01	<0.01	<0.01	<0.01
Selenium	7782-49-2	mg/L	9/2/2009							<0.01	<0.01	<0.01	<0.01
Selenium	7782-49-2	mg/L	10/25/2009	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Selenium	7782-49-2	mg/L	1/2/2010							<0.01	<0.01	<0.01	<0.01
Selenium	7782-49-2	mg/L	3/3/2010							<0.01	<0.01	<0.01	<0.01
Selenium	7782-49-2	mg/L	5/10/2010	0.0053	<0.002	0.0042	0.0059	0.0034	<0.002	0.0023	<0.002	0.011	<0.002
Selenium	7782-49-2	mg/L	7/8/2010							<0.01		<0.01	
Selenium	7782-49-2	mg/L	9/13/2010							<0.01		<0.01	
Selenium	7782-49-2	mg/L	11/1/2010							<0.01	<0.01	<0.01	<0.01
Selenium	7782-49-2	mg/L	1/10/2011							<0.005		<0.005	
Selenium	7782-49-2	mg/L	4/4/2011							<0.01	<0.01	<0.01	<0.01
Selenium	7782-49-2	mg/L	10/13/2011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	4/11/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/11/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	3/30/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/7/2013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	6/2/2014	<0.005	<0.005	<0.005	<0.005	0.000833J	0.00165J	<0.005	<0.005	0.0014J	0.000964J
Selenium	7782-49-2	mg/L	10/15/2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00112J	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	4/6/2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/5/2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	4/4/2016	<0.005	<0.005	0.000664J	<0.005	<0.005	<0.005	<0.005	0.000772J	0.0015J	<0.005
Selenium	7782-49-2	mg/L	10/17/2016	0.00121J	0.00123J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00108J	0.00472J
Selenium	7782-49-2	mg/L	4/17/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00093J	<0.005
Selenium	7782-49-2	mg/L	10/11/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00107J	<0.005
Selenium	7782-49-2	mg/L	4/23/2018					<0.005		<0.005			
Selenium	7782-49-2	mg/L	4/24/2018				<0.005				<0.005		
Selenium	7782-49-2	mg/L	4/25/2018			<0.005						0.00116J	<0.005
Selenium	7782-49-2	mg/L	4/27/2018	<0.005	<0.005								
Selenium	7782-49-2	mg/L	10/16/2018	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00102J	<0.0025
Selenium	7782-49-2	mg/L	4/16/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00174J	<0.005	0.00123J	<0.005
Selenium	7782-49-2	mg/L	10/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00156J	<0.005
Selenium	7782-49-2	mg/L	3/30/2020	<0.005	<0.005	<0.005	0.00185J	<0.005	<0.005	0.00132J	<0.005	0.00134J	<0.005
Selenium	7782-49-2	mg/L	10/7/2020	<0.005	<0.005	<0.005	<0.005	<0.005	0.00118J	<0.005	<0.005	0.00101J	0.0018J
Selenium	7782-49-2	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0017J	<0.004	0.0021J	<0.004
Selenium	7782-49-2	mg/L	10/20/2021	<0.004	0.0041	<0.004	<0.004	<0.004		0.0065	<0.004	0.0025J	<0.004
Selenium	7782-49-2	mg/L	5/2/2022	0.0018J	<0.004	0.0018J	<0.004	0.0026J		0.0028J	0.002J	<0.004	<0.004
Selenium	7782-49-2	mg/L	10/14/2022	<0.004	<0.004	<0.004	<0.004	<0.004		0.0035J	<0.004	0.0021J	0.0019J
Selenium	7782-49-2	mg/L	5/1/2023	<0.005	<0.005	0.00156J	<0.005	<0.005		0.00196J	<0.005	0.00154J	<0.005
Selenium	7782-49-2	mg/L	10/16/2023	0.0016J	<0.005	<0.005	<0.005	<0.005		0.0018J	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	4/29/2024	<0.005	<0.005	<0.005	<0.005	<0.005		0.00175J	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/9/2024			<0.00500					<0.00500	<0.00500	
Selenium	7782-49-2	mg/L	10/10/2024				<0.00500	<0.00500		0.00358J			<0.00500
Selenium	7782-49-2	mg/L	10/14/2024	<0.00500	<0.00500								
Selenium	7782-49-2	mg/L	4/28/2025			<0.00500					<0.0250	<0.00500	<0.00500
Selenium	7782-49-2	mg/L	4/29/2025				<0.00500	<0.00500	<0.00500	0.00230			
Selenium	7782-49-2	mg/L	5/8/2025	<0.00500	<0.00500								
Selenium	7782-49-2	mg/L	10/20/2025					<0.00500	<0.00500			<0.00500	
Selenium	7782-49-2	mg/L	10/21/2025				<0.00500			0.00259	<0.00500		
Selenium	7782-49-2	mg/L	10/24/2025	<0.00500	<0.00500								
Selenium	7782-49-2	mg/L	5/4/2026				<0.00250						
Selenium	7782-49-2	mg/L	5/12/2026	<0.00250	<0.00250	<0.00250		<0.00250	<0.00250	0.00223	<0.00250	0.00102	<0.00250
Silver	7440-22-4	mg/L	2/27/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Silver	7440-22-4	mg/L	5/12/2008	<0.01	<0.01	0.017	<0.01	<0.01	<0.01				
Silver	7440-22-4	mg/L	7/13/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Silver	7440-22-4	mg/L	9/14/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Silver	7440-22-4	mg/L	11/17/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Silver	7440-22-4	mg/L	4/14/2009	<0.01	<0.01	0.011	<0.01	<0.01	<0.01				
Silver	7440-22-4	mg/L	7/7/2009			<0.01				<0.01	<0.01	<0.01	<0.01
Silver	7440-22-4	mg/L	9/2/2009			<0.01				<0.01	<0.01	0.017	<0.01
Silver	7440-22-4	mg/L	10/25/2009	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Silver	7440-22-4	mg/L	1/2/2010			<0.025				<0.025	<0.025	<0.025	<0.025
Silver	7440-22-4	mg/L	3/3/2010							<0.025	<0.025	<0.025	<0.025
Silver	7440-22-4	mg/L	5/10/2010	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	11/1/2010							<0.025	<0.025	<0.025	<0.025
Silver	7440-22-4	mg/L	4/4/2011							<0.025	<0.025	<0.025	<0.025
Silver	7440-22-4	mg/L	10/13/2011	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	4/11/2012	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	10/11/2012	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	3/30/2013	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	10/7/2013	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	6/2/2014	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	10/15/2014	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	4/6/2015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/5/2015	<0.001	<0.001	<0.001	<0.001	<0.001	0.000149J	<0.001	<0.001	0.000113J	0.000119J
Silver	7440-22-4	mg/L	4/4/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/17/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	4/17/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/11/2017	<0.001	<0.001	0.00014J	<0.001	0.000163J	0.000221J	<0.001	<0.001	0.000165J	<0.001
Silver	7440-22-4	mg/L	4/23/2018					<0.001		<0.001			
Silver	7440-22-4	mg/L	4/24/2018				<0.001				<0.001		
Silver	7440-22-4	mg/L	4/25/2018			<0.001						0.000569J	<0.001
Silver	7440-22-4	mg/L	4/27/2018	<0.001	<0.001								
Silver	7440-22-4	mg/L	10/16/2018	<0.001	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Silver	7440-22-4	mg/L	4/16/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/7/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Silver	7440-22-4	mg/L	10/20/2021	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004
Silver	7440-22-4	mg/L	5/2/2022	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004
Silver	7440-22-4	mg/L	10/14/2022	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004
Silver	7440-22-4	mg/L	5/1/2023	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/16/2023	0.00112	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	4/29/2024	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	0.00911	<0.001
Silver	7440-22-4	mg/L	10/9/2024			<0.00100					<0.00100	<0.00100	
Silver	7440-22-4	mg/L	10/10/2024				<0.00100	<0.00100		<0.00100			<0.00100
Silver	7440-22-4	mg/L	10/14/2024	<0.00100	<0.00100								
Silver	7440-22-4	mg/L	4/28/2025			<0.00100					<0.00500	<0.00100	<0.00100
Silver	7440-22-4	mg/L	4/29/2025				<0.00100	<0.00100	<0.00100	<0.00100			
Silver	7440-22-4	mg/L	5/8/2025	<0.00100	<0.00100								
Silver	7440-22-4	mg/L	10/20/2025					<0.00100	<0.00100			<0.00100	
Silver	7440-22-4	mg/L	10/21/2025				<0.00100			<0.00100	<0.00100		
Silver	7440-22-4	mg/L	10/24/2025	<0.00100	<0.00100								
Silver	7440-22-4	mg/L	5/4/2026				<0.000500						
Silver	7440-22-4	mg/L	5/12/2026	<0.000500	<0.000500	<0.000500		<0.000500	<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Silvex (2,4,5-TP)	93-72-1	ug/L	10/9/2024									1.35	
Silvex (2,4,5-TP)	93-72-1	ug/L	4/28/2025			<0.0547					<0.0551	0.800	<0.0560
Silvex (2,4,5-TP)	93-72-1	ug/L	4/29/2025				<0.0520	0.0780	<0.0552	<0.0532			
Silvex (2,4,5-TP)	93-72-1	ug/L	5/8/2025	<0.0526	<0.0541								
Silvex (2,4,5-TP)	93-72-1	ug/L	10/20/2025					0.100				1.50	
Silvex (2,4,5-TP)	93-72-1	ug/L	5/12/2026					0.0648				1.39	
Sodium	7440-23-5	mg/L	6/2/2014	12.3; 12.5	36.6	23.9	26.5		25.4	12.9	28.2	372	12.1
Sodium	7440-23-5	mg/L	10/15/2014	11.7	38.8	25	28.5	9.64	22.6	13.2	29.2	320	11.3

Table 9A
Analytical Data Summary - Source Characterization Wells
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Sodium	7440-23-5	mg/L	3/30/2020				29.6						
Styrene	100-42-5	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	7/7/2009							<1	<1	<20	<1
Styrene	100-42-5	ug/L	9/2/2009							<1	<1	<10	<1
Styrene	100-42-5	ug/L	10/25/2009	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2
Styrene	100-42-5	ug/L	1/2/2010							<4	<4	<40	<2
Styrene	100-42-5	ug/L	3/3/2010							<2	<2	<2	<2
Styrene	100-42-5	ug/L	5/10/2010	<4	<4	<4	<4	<4	<4	<4	<4	<20	<4
Styrene	100-42-5	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Styrene	100-42-5	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Styrene	100-42-5	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Styrene	100-42-5	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Styrene	100-42-5	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
Styrene	100-42-5	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Styrene	100-42-5	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/23/2018					<1		<1			
Styrene	100-42-5	ug/L	4/24/2018				<1				<1		
Styrene	100-42-5	ug/L	4/25/2018			<1						<1	<1
Styrene	100-42-5	ug/L	4/27/2018	<1	<1								
Styrene	100-42-5	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Styrene	100-42-5	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
Styrene	100-42-5	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
Styrene	100-42-5	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Styrene	100-42-5	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/9/2024			<1.00					<1.00	<1.00	
Styrene	100-42-5	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
Styrene	100-42-5	ug/L	10/14/2024	<1.00	<1.00								
Styrene	100-42-5	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
Styrene	100-42-5	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
Styrene	100-42-5	ug/L	5/8/2025	<1.00	<1.00								
Styrene	100-42-5	ug/L	10/20/2025					<1.00	<1.00			<1.00	
Styrene	100-42-5	ug/L	10/21/2025				<1.00			<1.00	<1.00		
Styrene	100-42-5	ug/L	10/24/2025	<1.00	<1.00								
Styrene	100-42-5	ug/L	5/4/2026				<1.00						
Styrene	100-42-5	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Sulfate	14808-79-8	mg/L	6/2/2014	26.9	38	5.07	12.9		50.9	69.6	13.2	4.17J	55.3
Sulfate	14808-79-8	mg/L	10/15/2014	28.8	48.3	3.42J	11	26.3	45.4	70.4	31.2	<5	51.6
Sulfate	14808-79-8	mg/L	4/6/2015	25.1	49.6	<1	10.4	23.7	38	70.1	9.11	<1	208
Sulfate	14808-79-8	mg/L	10/5/2015	25.2	49.4	<5	8.78	9.48	31.3	74.4	24.1	<5	65.5

Table 9A
Analytical Data Summary - Source Characterization Wells
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Sulfate	14808-79-8	mg/L	4/4/2016	23.3	200	<1	8.66	20	30.7	82.9	39.4	0.542J	266
Sulfate	14808-79-8	mg/L	10/17/2016	23.5	39.9	<1	11.5	8.09	31.4	69.8	31	<1	109
Sulfate	14808-79-8	mg/L	3/30/2020				49.2						
Sulfate	14808-79-8	mg/L	10/20/2021	16.5	81.7	81	62.8	9		81.1	<1	<1	159
Sulfate	14808-79-8	mg/L	5/2/2022	23.9	64.4	109	69.6	12.3		82.1	2.7	<1	789
Sulfate	14808-79-8	mg/L	5/1/2023	57.3	181	48.9	73.6	13.1		79.6	23.4	<1	717
Sulfate	14808-79-8	mg/L	4/29/2024	460	98.7	111	74.7	18.1		76.9	39.5	<1	693
Sulfate	14808-79-8	mg/L	4/28/2025			309					66.0	11.6	373
Sulfate	14808-79-8	mg/L	4/29/2025				67.0	19.9	46.0	61.6			
Sulfate	14808-79-8	mg/L	5/8/2025	252	91.0								
Sulfate	14808-79-8	mg/L	5/4/2026				70.0						
Sulfate	14808-79-8	mg/L	5/12/2026	192	154	271		20.5	119	76.1	45.2	<1.00	731
Sulfide	18496-25-8	mg/L	4/14/2009			<1	<1						
Sulfide	18496-25-8	mg/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	3.6	<1
Sulfide	18496-25-8	mg/L	6/2/2014									4.27	
Sulfide	18496-25-8	mg/L	10/15/2014									10.2	
Sulfide	18496-25-8	mg/L	4/6/2015									<1	
Sulfide	18496-25-8	mg/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	11.9	<1
Sulfide	18496-25-8	mg/L	4/4/2016									2.03	
Sulfide	18496-25-8	mg/L	10/17/2016									3.56	
Sulfide	18496-25-8	mg/L	4/17/2017									1.31	
Sulfide	18496-25-8	mg/L	10/11/2017									5.1	
Sulfide	18496-25-8	mg/L	4/25/2018									1.86	
Sulfide	18496-25-8	mg/L	10/16/2018									1.95	
Sulfide	18496-25-8	mg/L	4/16/2019									4.81	
Sulfide	18496-25-8	mg/L	10/1/2019									4.56	
Sulfide	18496-25-8	mg/L	3/30/2020	<1	<1	7.37	<1	<1	<1	<1	2.08	1.12	0.627J
Sulfide	18496-25-8	mg/L	10/7/2020			<10					<10	<10	
Sulfide	18496-25-8	mg/L	1/21/2021								<0.1		
Sulfide	18496-25-8	mg/L	4/13/2021			<0.1					0.025J	<0.1	
Sulfide	18496-25-8	mg/L	5/2/2022			<0.1			0.15		0.053J	0.042J	
Sulfide	18496-25-8	mg/L	10/14/2022			<0.1			<0.1		0.059J	0.12	
Sulfide	18496-25-8	mg/L	5/1/2023						<1		<1	0.42J	
Sulfide	18496-25-8	mg/L	10/16/2023			<1			<1		<1	0.82J	
Sulfide	18496-25-8	mg/L	4/29/2024						<1		<1	0.45J	
Sulfide	18496-25-8	mg/L	10/9/2024			<1.00			<1.00		<1.00	1.47	
Sulfide	18496-25-8	mg/L	4/28/2025			<1.00					<1.00	1.04	<1.00
Sulfide	18496-25-8	mg/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
Sulfide	18496-25-8	mg/L	5/8/2025	<1.00	<1.00								
Sulfide	18496-25-8	mg/L	10/20/2025					<1.00	<1.00			<1.00	
Sulfide	18496-25-8	mg/L	10/21/2025				<1.00			<1.00			
Sulfide	18496-25-8	mg/L	5/12/2026									<1.00	
Tetrachloro-m-xylene	877-09-8	ug/L	4/28/2025			7.24; 7.24					6.19; 6.19	3.43; 3.43	11.1; 11.1
Tetrachloro-m-xylene	877-09-8	ug/L	4/29/2025				6.08; 6.08	6.78; 6.78	8.74; 8.74	5.31; 5.31			
Tetrachloro-m-xylene	877-09-8	ug/L	5/8/2025	7.12; 7.12	8.92; 8.92								
Tetrachloro-m-xylene (Surr)	877-09-8	ug/L	10/9/2024									11.7	
Tetrachloroethene	127-18-4	ug/L	2/27/2008	<1	<1	<1	<1	13.4	4.93				
Tetrachloroethene	127-18-4	ug/L	5/12/2008	<1	<1	<1	<1	6.13	6.02				
Tetrachloroethene	127-18-4	ug/L	7/13/2008	<1	<1	<1	<1	6.62	6.15				
Tetrachloroethene	127-18-4	ug/L	9/14/2008	<1	<1	<1	<1	13.4	7.06				
Tetrachloroethene	127-18-4	ug/L	11/17/2008	<1	<1	<1	<1	11.1	6.25				
Tetrachloroethene	127-18-4	ug/L	4/14/2009	<1	<1	<1	<1	11.4	9.28				
Tetrachloroethene	127-18-4	ug/L	7/7/2009					10.4	9.38	9.89; 4.97	<1	<20	<1
Tetrachloroethene	127-18-4	ug/L	9/2/2009					11.1	12.8	7.9	<1	<10	<1
Tetrachloroethene	127-18-4	ug/L	10/25/2009	<1	<1	<1	<1	11.4	13.3	9.87	<1	<10	<1
Tetrachloroethene	127-18-4	ug/L	1/2/2010					8.9	9.64	7.69	<1	<10	<1
Tetrachloroethene	127-18-4	ug/L	3/3/2010							9.89	<2	<2	<2
Tetrachloroethene	127-18-4	ug/L	5/10/2010	<1	<1	<1	<1	8.05	19.1	11	<1	<5	<1

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Tetrachloroethene	127-18-4	ug/L	7/8/2010							8.66			
Tetrachloroethene	127-18-4	ug/L	9/13/2010							10.7			
Tetrachloroethene	127-18-4	ug/L	11/1/2010	<1	<1	<1	<1	10.2	23.9	9.58	<1	<5	<1
Tetrachloroethene	127-18-4	ug/L	1/10/2011							7.85			
Tetrachloroethene	127-18-4	ug/L	4/4/2011					10.5	26.4	7.06			
Tetrachloroethene	127-18-4	ug/L	10/13/2011	<1	<1	<1	<1	11.8	25.4	5.86	<1	<5	<1
Tetrachloroethene	127-18-4	ug/L	4/11/2012	<1	<1	<1	<1	5.94	28.2	5.82	<1	<10	<1
Tetrachloroethene	127-18-4	ug/L	10/11/2012	<1	<1	<1	<1	11.2	26.3	5.59	<1	<10	<1
Tetrachloroethene	127-18-4	ug/L	3/30/2013	<1	<1	<1	<1	8.14	28.1	4.62	<1	<1.8	<1
Tetrachloroethene	127-18-4	ug/L	10/7/2013		<1	<1	<1	9.77; 9.67	26	4.15	<1		<1
Tetrachloroethene	127-18-4	ug/L	6/2/2014	<1	<1	<1	<1	10.4	35.1	6.8	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/15/2014	<1	<1	<1	<1	6.78	44.2	6.55	<1	<10	<1
Tetrachloroethene	127-18-4	ug/L	4/6/2015	<1	<1	<1	<1	6.23	34.1	4.58	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/5/2015	<1	<1	<1	<1	7.96	29.7	5.47	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/4/2016	<1	<1	<1	<1	5.25	28.8	4.1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/17/2016	<1	<1	<1	<1	7.95	39.5	5.63	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/17/2017	<1	<1	<1	<1	6.7	<1	3.64	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/11/2017	<1	<1	<1	<1	9.05	38.8	4.32	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/23/2018					7.92		3.15			
Tetrachloroethene	127-18-4	ug/L	4/24/2018				<1				<1		
Tetrachloroethene	127-18-4	ug/L	4/25/2018			<1						<1	<1
Tetrachloroethene	127-18-4	ug/L	4/27/2018	<1	<1								
Tetrachloroethene	127-18-4	ug/L	10/16/2018	<1	<1	<1	<1	7.4	39.8	2.96	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/16/2019	<1	<1	<1	<1	6.04	45	2.72	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/1/2019	<1	<1	<1	<1	7.06	48.9	3.39	<1	9.91J	<1
Tetrachloroethene	127-18-4	ug/L	3/30/2020	<1	<1	<1	<1	5.31	42.7	2.59	<1	<5	<1
Tetrachloroethene	127-18-4	ug/L	10/7/2020	<1	<1	<1	<1	3.58	41.2	2.6	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/13/2021	<1	<1	<1	<1	3.2	46	2	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/20/2021	<1	<1	<1	<1	4.1	34.6	2.2	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	5/2/2022	<1	<1	<1	<1	2.8	40.6	1.4	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/14/2022	<1	<1	<1	<1	2.9	26.9	2	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	5/1/2023	<1	<1	<1	<1	2.65	29.6	1.98	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/16/2023	<1	<1	<1	<1	3.04	29.3	2.2	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/29/2024	<1	<1	<1	<1	2.15	28.9	1.83	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/9/2024			<1.00			24.6		<1.00	<1.00	
Tetrachloroethene	127-18-4	ug/L	10/10/2024				<1.00	2.61		1.69			<1.00
Tetrachloroethene	127-18-4	ug/L	10/14/2024	<1.00	<1.00								
Tetrachloroethene	127-18-4	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
Tetrachloroethene	127-18-4	ug/L	4/29/2025				<1.00	1.06	29.7	<1.00			
Tetrachloroethene	127-18-4	ug/L	5/8/2025	<1.00	<1.00								
Tetrachloroethene	127-18-4	ug/L	10/20/2025					2.15	22.2			<1.00	
Tetrachloroethene	127-18-4	ug/L	10/21/2025				<1.00			1.67	<1.00		
Tetrachloroethene	127-18-4	ug/L	10/24/2025	<1.00	<1.00								
Tetrachloroethene	127-18-4	ug/L	5/4/2026				<1.00						
Tetrachloroethene	127-18-4	ug/L	5/12/2026	<1.00	<1.00	<1.00		2.29	23.2	1.35	<1.00	<1.00	<1.00
Thallium	7440-28-0	mg/L	2/27/2008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	5/12/2008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	7/13/2008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	9/14/2008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	11/17/2008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	4/14/2009	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	7/7/2009							<0.002	<0.002	<0.006	<0.002
Thallium	7440-28-0	mg/L	9/2/2009							<0.002	<0.002	<0.006	<0.002
Thallium	7440-28-0	mg/L	10/25/2009	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	1/2/2010							<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	3/3/2010							<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	5/10/2010	<0.0004	<0.0004	<0.0008	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0008	<0.0004
Thallium	7440-28-0	mg/L	11/1/2010	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

Table 9A
Analytical Data Summary - Source Characterization Wells
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Thallium	7440-28-0	mg/L	10/13/2011	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	4/11/2012	<0.002	<0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	10/11/2012	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	3/30/2013	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	10/7/2013	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	6/2/2014	<0.002	<0.002	0.00101J	<0.002	<0.002	<0.002	0.000819J	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	10/15/2014	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	4/6/2015	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/5/2015	<0.001	0.000066J	<0.001	<0.001	<0.001	0.000035J	<0.001	<0.001	<0.001	0.000035J
Thallium	7440-28-0	mg/L	4/4/2016	<0.001	0.000038J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00003J
Thallium	7440-28-0	mg/L	10/17/2016	<0.001	<0.001	<0.001	0.000032J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	4/17/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/11/2017	<0.001	0.000093J	0.00011J	<0.001	<0.001	<0.001	<0.001	<0.001	0.000071J	<0.001
Thallium	7440-28-0	mg/L	4/23/2018					<0.001		<0.001			
Thallium	7440-28-0	mg/L	4/24/2018				<0.001				<0.001		
Thallium	7440-28-0	mg/L	4/25/2018			<0.001						<0.001	<0.001
Thallium	7440-28-0	mg/L	4/27/2018	<0.001	<0.001								
Thallium	7440-28-0	mg/L	10/16/2018	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	4/16/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/7/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	4/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	10/20/2021	<0.002	<0.002	<0.002	<0.002	<0.002		0.0003J	<0.002	<0.002	0.0003J
Thallium	7440-28-0	mg/L	5/2/2022	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	10/14/2022	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	5/1/2023	<0.001	<0.001	0.00434	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/16/2023	0.0136	0.00103	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	4/29/2024	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/9/2024			<0.00100					<0.00100	<0.00100	
Thallium	7440-28-0	mg/L	10/10/2024				0.000592J	0.000755J		<0.00100			0.000832J
Thallium	7440-28-0	mg/L	10/14/2024	<0.00100	<0.00100								
Thallium	7440-28-0	mg/L	4/28/2025			<0.00100					<0.00500	<0.00100	<0.00100
Thallium	7440-28-0	mg/L	4/29/2025				<0.00100	<0.00100	<0.00100	<0.00100			
Thallium	7440-28-0	mg/L	5/8/2025	<0.00100	<0.00100								
Thallium	7440-28-0	mg/L	10/20/2025					<0.00100	<0.00100			<0.00100	
Thallium	7440-28-0	mg/L	10/21/2025				<0.00100			<0.00100	<0.00100		
Thallium	7440-28-0	mg/L	10/24/2025	<0.00100	<0.00100								
Thallium	7440-28-0	mg/L	5/4/2026				<0.000400						
Thallium	7440-28-0	mg/L	5/12/2026	<0.000400	<0.000400	<0.000400		<0.000400	<0.000400	<0.000400	<0.000400	<0.000400	<0.000400
Thionazin	297-97-2	ug/L	4/14/2009			<10	<50						
Thionazin	297-97-2	ug/L	5/10/2010			<10	<10					<10	
Thionazin	297-97-2	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
Thionazin	297-97-2	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
Thionazin	297-97-2	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
Thionazin	297-97-2	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Thionazin	297-97-2	ug/L	5/8/2025	<10.0	<10.9								
Tin	7440-31-5	mg/L	4/14/2009	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Tin	7440-31-5	mg/L	7/7/2009								<0.1		
Tin	7440-31-5	mg/L	5/10/2010	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Tin	7440-31-5	mg/L	10/5/2015	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00278J	<0.005
Tin	7440-31-5	mg/L	3/30/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tin	7440-31-5	mg/L	4/28/2025			<0.00500					<0.0250	<0.00500	<0.00500
Tin	7440-31-5	mg/L	4/29/2025				<0.00500	<0.00500	<0.00500	<0.00500			
Tin	7440-31-5	mg/L	5/8/2025	<0.00500	<0.00500								
Toluene	108-88-3	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	7/13/2008	<1	<1	<1	13.5	<1	<1				

Table 9A
Analytical Data Summary - Source Characterization Wells
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Toluene	108-88-3	ug/L	9/14/2008	<1	<1	<1	6.06	<1	<1				
Toluene	108-88-3	ug/L	11/17/2008	<1	<1	<1	2.29	<1	<1				
Toluene	108-88-3	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	7/7/2009							<1	<1	108	<1
Toluene	108-88-3	ug/L	9/2/2009							<1	<1	240	<1
Toluene	108-88-3	ug/L	10/25/2009	<1	<1	<1	<1	<1	<1	<1	<1	980	<1
Toluene	108-88-3	ug/L	1/2/2010							<1	<1	489	<1
Toluene	108-88-3	ug/L	3/3/2010							<1	<1	131	<1
Toluene	108-88-3	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	<1	<1	32.1	<1
Toluene	108-88-3	ug/L	7/8/2010									16.4	
Toluene	108-88-3	ug/L	9/13/2010									9.91	
Toluene	108-88-3	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	<1	<1	10.6	<1
Toluene	108-88-3	ug/L	1/10/2011									<5	
Toluene	108-88-3	ug/L	4/4/2011									<5	
Toluene	108-88-3	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
Toluene	108-88-3	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Toluene	108-88-3	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Toluene	108-88-3	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<1.5	<1
Toluene	108-88-3	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
Toluene	108-88-3	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	<1	<1	0.611J	<1
Toluene	108-88-3	ug/L	10/15/2014	<1	<1	<1	0.278J	<1	<1	<1	<1	<10	<1
Toluene	108-88-3	ug/L	4/6/2015	<1	<1	<1	<1	<1	<1	<1	<1	0.395J	<1
Toluene	108-88-3	ug/L	10/5/2015	<1	<1	<1	<1	<1	<1	<1	<1	0.776J	<1
Toluene	108-88-3	ug/L	4/4/2016	<1	<1	<1	<1	<1	<1	<1	<1	0.495J	<1
Toluene	108-88-3	ug/L	10/17/2016	<1	<1	<1	<1	<1	<1	<1	<1	0.577J	<1
Toluene	108-88-3	ug/L	4/17/2017	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/11/2017	<1	<1	<1	<1	<1	<1	<1	<1	0.513J	<1
Toluene	108-88-3	ug/L	4/23/2018					<1		<1			
Toluene	108-88-3	ug/L	4/24/2018				<1				<1		
Toluene	108-88-3	ug/L	4/25/2018			<1						0.342J	<1
Toluene	108-88-3	ug/L	4/27/2018	<1	<1								
Toluene	108-88-3	ug/L	10/16/2018	<1	<1	<1	<1	<1	<1	<1	<1	5.1	<1
Toluene	108-88-3	ug/L	4/16/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
Toluene	108-88-3	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
Toluene	108-88-3	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	0.3J	<1
Toluene	108-88-3	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	0.3J	<1
Toluene	108-88-3	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	0.3J	<1
Toluene	108-88-3	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	0.4J	<1
Toluene	108-88-3	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
Toluene	108-88-3	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/9/2024			<1.00					<1.00	<1.00	
Toluene	108-88-3	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
Toluene	108-88-3	ug/L	10/14/2024	<1.00	<1.00								
Toluene	108-88-3	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
Toluene	108-88-3	ug/L	4/29/2025				<1.00	<1.00	<1.00	<1.00			
Toluene	108-88-3	ug/L	5/8/2025	<1.00	<1.00								
Toluene	108-88-3	ug/L	10/20/2025					<1.00	<1.00			<1.00	
Toluene	108-88-3	ug/L	10/21/2025				<1.00			<1.00	<1.00		
Toluene	108-88-3	ug/L	10/24/2025	<1.00	<1.00								
Toluene	108-88-3	ug/L	5/4/2026				<1.00						
Toluene	108-88-3	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Organic Carbon	7440-44-0	mg/L	4/28/2025			10.0					10.0	19.1	11.9
Total Organic Carbon	7440-44-0	mg/L	4/29/2025				5.23	2.38	2.93	4.10			
Total Organic Carbon	7440-44-0	mg/L	5/8/2025	7.23	7.38								
Total Organic Carbon	7440-44-0	mg/L	5/4/2026				5.10						

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Total Organic Carbon	7440-44-0	mg/L	5/12/2026	<1.00	7.26	13.2		1.78		2.52	10.5	<1.00	7.99
Total Organic Carbon	TOC	mg/L	4/6/2015	4.93	6.83	9.52	4.33	1.17	1.89	1.56	10.9	73.7	8.93
Total Organic Carbon	TOC	mg/L	10/5/2015	4.44	7.05	12.1	4.67	1.5	1.64	1.77	9.76	7.37	16.2
Total Organic Carbon	TOC	mg/L	4/4/2016	5.03	6.15	11.6	4.81	1.31	2.05	1.72	9.54	62.6	11.9
Total Organic Carbon	TOC	mg/L	10/17/2016	4.84	6.47	6.54	5.08	0.585J	1.88	0.991J	9.2	24.4	17.7
Total Organic Carbon	TOC	mg/L	10/20/2021	6.92	5.97	13.5	5.82	2.4		2.07	10.1	70.6	25.8
Total Organic Carbon	TOC	mg/L	5/2/2022	6.94	7.52	13.3	4.89	3.09		2.19	10.7	55.4	4.16
Total Organic Carbon	TOC	mg/L	5/1/2023	8.8	7.21	15.6	4.44	2.59		2.51	13.2	57.9	4.34
Total Organic Carbon	TOC	mg/L	4/29/2024	5.72	6.05	12.1	5.44	2		2.41	11.7	21	21
Total Suspended Solids	STL00161	mg/L	10/9/2024			46.0			4.00		67.0	140	
Total Suspended Solids	STL00161	mg/L	10/10/2024				78.0	2.63		<1.88			24.8
Total Suspended Solids	STL00161	mg/L	10/14/2024	25.5	9.33								
Total Suspended Solids	STL00161	mg/L	4/28/2025			110					68.0	168	48.0
Total Suspended Solids	STL00161	mg/L	4/29/2025				37.0	2.13	3.75	<1.88			
Total Suspended Solids	STL00161	mg/L	5/8/2025	87.0	8.33								
Total Suspended Solids	STL00161	mg/L	10/20/2025					<1.88	5.63			116	
Total Suspended Solids	STL00161	mg/L	10/21/2025				78.0			<1.88	64.0		
Total Suspended Solids	STL00161	mg/L	10/24/2025	32.0	23.0								
Total Suspended Solids	STL00161	mg/L	5/4/2026				44.0						
Total Suspended Solids	STL00161	mg/L	5/12/2026	76.5	5.00	81.0		1.75		<1.88	66.0	157	41.0
Total Suspended Solids	TSS	mg/L	6/2/2014	70	36	123	61.3	<5	<5	<5	65	109	48
Total Suspended Solids	TSS	mg/L	10/15/2014	37	5.2	112	79.3	<1.88	<1.88	4.25	83	59	46
Total Suspended Solids	TSS	mg/L	4/6/2015	16.1	5.88	104; 111	63	<2.5	<2.5	<2.5	55	68	85
Total Suspended Solids	TSS	mg/L	10/5/2015	22.4	26.1	91.6	56.6	<1.88	1.88	<1.88	56	78	120
Total Suspended Solids	TSS	mg/L	4/4/2016	32.9	19	126	76.1	0.875J	19.1	1J	64.1	104	104
Total Suspended Solids	TSS	mg/L	10/11/2016				68.9		11.6			106	
Total Suspended Solids	TSS	mg/L	10/17/2016	51.8	40.4	98.5	53.5	0.75J	2.75	1.5J	53.5; 55	119	113
Total Suspended Solids	TSS	mg/L	11/14/2016				64.9		5.5			115	
Total Suspended Solids	TSS	mg/L	4/17/2017	66.2	45.6	166	82.5	2.13	10.4	3.87	67.6	112	93.3
Total Suspended Solids	TSS	mg/L	10/11/2017	49.8	22.7	84.7	167	3.38	5.25	1.38J	66.4	93	83.6; 92.5
Total Suspended Solids	TSS	mg/L	4/23/2018					1.13J		1.5J			
Total Suspended Solids	TSS	mg/L	4/24/2018				40.9				71.6		
Total Suspended Solids	TSS	mg/L	4/25/2018			17.6						199	106
Total Suspended Solids	TSS	mg/L	4/27/2018	128	15.6								
Total Suspended Solids	TSS	mg/L	10/16/2018	55.5	13.1	93	85	1.75J	2.5	2	59	84	55
Total Suspended Solids	TSS	mg/L	4/16/2019	76	72	105	46.9	1.75J	3.5	<1.88	95.5	107	52.5
Total Suspended Solids	TSS	mg/L	10/1/2019	31.1; 33.6	19.4	91	46	2.38	6.62	0.75J	56	96	28.5
Total Suspended Solids	TSS	mg/L	3/30/2020	34	18	58	48	1.63J	7.62	<1.88	78	124	12.8
Total Suspended Solids	TSS	mg/L	10/7/2020	60	48	94	66	1.13J	5.67	<1.88	66	128	98
Total Suspended Solids	TSS	mg/L	4/13/2021	95	47	86	44; 48	<2	18	3	63	82	31
Total Suspended Solids	TSS	mg/L	10/20/2021	86	9	88	76	<2	17	<1	82	110	85
Total Suspended Solids	TSS	mg/L	5/2/2022	73	89	108	45	<2	10	<2	94	123	27
Total Suspended Solids	TSS	mg/L	10/14/2022	16	27	78	99	3	5	<2	65	111	94
Total Suspended Solids	TSS	mg/L	5/1/2023	182	65	104	37	1.63J	5.88	<1.88	50	106	43
Total Suspended Solids	TSS	mg/L	10/16/2023	34	23.5	92	81	2.5	2.5	1.63J	62	129	121
Total Suspended Solids	TSS	mg/L	4/29/2024	167	3.75	61.3	42.3	3.25	2.13	1.63J	68.7	132	24.5
Toxaphene	8001-35-2	ug/L	4/14/2009	<2	<2	<2	<2	<2	<2				
Toxaphene	8001-35-2	ug/L	5/10/2010	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Toxaphene	8001-35-2	ug/L	10/5/2015	<2.13	<2.08	<2.04	<2.02	<2.08	<2.08	<2.02	<2	<2	<2
Toxaphene	8001-35-2	ug/L	3/30/2020	<2.22	<2.13	<2.08	<2.08	<2.08	<2.06	<2.08	<2.06	<2.08	<2.08
Toxaphene	8001-35-2	ug/L	4/28/2025			<1.81					<1.80	<1.81	<1.79
Toxaphene	8001-35-2	ug/L	4/29/2025				<1.79	<1.81	<1.81	<1.80			
Toxaphene	8001-35-2	ug/L	5/8/2025	<1.82	<1.80								
Trichloroethene	79-01-6	ug/L	2/27/2008	<1	<1	<1	<1	14	2.58				
Trichloroethene	79-01-6	ug/L	5/12/2008	<1	<1	<1	<1	6.22	3.52				
Trichloroethene	79-01-6	ug/L	7/13/2008	<1	<1	<1	<1	7.33	3.08				
Trichloroethene	79-01-6	ug/L	9/14/2008	<1	<1	<1	<1	15	3.75				
Trichloroethene	79-01-6	ug/L	11/17/2008	<1	<1	<1	<1	13.9	3.36				

Table 9A
Analytical Data Summary - Source Characterization Wells
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Trichloroethene	79-01-6	ug/L	4/14/2009	<1	<1	<1	<1	13.8	4.79				
Trichloroethene	79-01-6	ug/L	7/7/2009					11.9	4.55	10.6; 6.58	<1	<20	<1
Trichloroethene	79-01-6	ug/L	9/2/2009					11.9	5.64	8.85	<1	<10	<1
Trichloroethene	79-01-6	ug/L	10/25/2009	<1	<1	<1	<1	11.9	6.3	11.2	<1	<10	<1
Trichloroethene	79-01-6	ug/L	1/2/2010					10.6	7.24	9.61	<1	<10	<1
Trichloroethene	79-01-6	ug/L	3/3/2010							13.4	<1	<1	<1
Trichloroethene	79-01-6	ug/L	5/10/2010	<1	<1	<1	<1	8.12	8.59	13.4	<1	<5	<1
Trichloroethene	79-01-6	ug/L	7/8/2010							11.8			
Trichloroethene	79-01-6	ug/L	9/13/2010							16.8			
Trichloroethene	79-01-6	ug/L	11/1/2010	<1	<1	<1	<1	12.1	11.6	14.7	<1	<5	<1
Trichloroethene	79-01-6	ug/L	1/10/2011							12.6			
Trichloroethene	79-01-6	ug/L	4/4/2011					11.6	12.4	13.6			
Trichloroethene	79-01-6	ug/L	10/13/2011	<1	<1	<1	<1	12.8	12.3	15.7	<1	<5	<1
Trichloroethene	79-01-6	ug/L	4/11/2012	<1	<1	<1	<1	6.44	13.5	13	<1	<10	<1
Trichloroethene	79-01-6	ug/L	10/11/2012	<1	<1	<1	<1	13.4	11.4	12.6	<1	<10	<1
Trichloroethene	79-01-6	ug/L	3/30/2013	<1	<1	<1	<1	9.31	15.1	11.3	<1	<1.9	<1
Trichloroethene	79-01-6	ug/L	10/7/2013		<1	<1	<1	10.1; 10.5	14	11.4	<1		<1
Trichloroethene	79-01-6	ug/L	6/2/2014	<1	<1	<1	<1	11.7	21.3	10.8	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/15/2014	<1	<1	<1	<1	7.11	25	12.4	<1	<10	<1
Trichloroethene	79-01-6	ug/L	4/6/2015	<1	<1	<1	<1	7.53	21	9.11	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/5/2015	<1	<1	<1	<1	11.9	21.1	9.51	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/4/2016	<1	<1	<1	<1	6.44	19.5	6.53	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/17/2016	<1	<1	<1	<1	10.6	27.8	8.32	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/17/2017	<1	<1	<1	<1	7.94	<1	6.34	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/11/2017	<1	<1	<1	<1	10	30.3	6.15	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/23/2018					9.33		5.96			
Trichloroethene	79-01-6	ug/L	4/24/2018				<1				<1		
Trichloroethene	79-01-6	ug/L	4/25/2018			<1						<1	<1
Trichloroethene	79-01-6	ug/L	4/27/2018	<1	<1								
Trichloroethene	79-01-6	ug/L	10/16/2018	<1	<1	<1	<1	8.33	29.2	4.81	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/16/2019	<1	<1	<1	<1	6.79	32.4	3.76	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/1/2019	<1	<1	<1	<1	8.44	36.3	5.3	<1	<10	<1
Trichloroethene	79-01-6	ug/L	3/30/2020	<1	<1	<1	<1	6.21	32.3	3.76	<1	<5	<1
Trichloroethene	79-01-6	ug/L	10/7/2020	<1	<1	<1	<1	5.68	35.1	4	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/13/2021	<1	<1	<1	<1	3.4	34.7	2.6	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/20/2021	<1	<1	<1	<1	5.7	27.9	2.8	<1	<1	<1
Trichloroethene	79-01-6	ug/L	5/2/2022	<1	<1	<1	<1	3	37.7	2.3	<1	0.4J	<1
Trichloroethene	79-01-6	ug/L	10/14/2022	<1	<1	<1	<1	4.2	38.9	2.6	<1	0.6J	<1
Trichloroethene	79-01-6	ug/L	5/1/2023	<1	<1	<1	<1	2.5	34.3	1.87	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/16/2023	<1	<1	<1	<1	3.87	36.2	2.3	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/29/2024	<1	<1	<1	<1	2.16	29.3	1.87	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/9/2024			<1.00			28.9		<1.00	<1.00	
Trichloroethene	79-01-6	ug/L	10/10/2024				<1.00	2.77		1.39			<1.00
Trichloroethene	79-01-6	ug/L	10/14/2024	<1.00	<1.00								
Trichloroethene	79-01-6	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
Trichloroethene	79-01-6	ug/L	4/29/2025				<1.00	0.480	28.1	<1.00			
Trichloroethene	79-01-6	ug/L	5/8/2025	<1.00	<1.00								
Trichloroethene	79-01-6	ug/L	10/20/2025					2.18	24.2			<1.00	
Trichloroethene	79-01-6	ug/L	10/21/2025				<1.00			1.43	<1.00		
Trichloroethene	79-01-6	ug/L	10/24/2025	<1.00	<1.00								
Trichloroethene	79-01-6	ug/L	5/4/2026				<1.00						
Trichloroethene	79-01-6	ug/L	5/12/2026	<1.00	<1.00	<1.00		1.40	23.3	1.39	<1.00	<1.00	<1.00
Trichlorofluoromethane	75-69-4	ug/L	2/27/2008	<4	<4	<4	<4	7.19	21.3				
Trichlorofluoromethane	75-69-4	ug/L	5/12/2008	<4	<4	<4	<4	<4	25.1				
Trichlorofluoromethane	75-69-4	ug/L	7/13/2008	<4	<4	<4	<4	<4	16.1				
Trichlorofluoromethane	75-69-4	ug/L	9/14/2008	<4	<4	<4	<4	<4	24.4				
Trichlorofluoromethane	75-69-4	ug/L	11/17/2008	<4	<4	<4	<4	<4	17.8				
Trichlorofluoromethane	75-69-4	ug/L	4/14/2009	<4	<4	<4	<4	<4	26.7				

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Trichlorofluoromethane	75-69-4	ug/L	7/7/2009						23.6	<4	<4	<80	<4
Trichlorofluoromethane	75-69-4	ug/L	9/2/2009						26.1	<4	<4	<40	<4
Trichlorofluoromethane	75-69-4	ug/L	10/25/2009	<4	<4	<4	<4	<4	29.9	4.26	<4	<40	<4
Trichlorofluoromethane	75-69-4	ug/L	1/2/2010						23.5	<4	<4	<40	<4
Trichlorofluoromethane	75-69-4	ug/L	3/3/2010							4.38	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	5/10/2010	<4	<4	<4	<4	<4	21.3	<4	<4	<20	<4
Trichlorofluoromethane	75-69-4	ug/L	11/1/2010	<4	<4	<4	<4	<4	27	<4	<4	<20	<4
Trichlorofluoromethane	75-69-4	ug/L	10/13/2011	<4	<4	<4	<4	<4	18	<4	<4	<20	<4
Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	<4	<4	<4	<4	<4	11.1	<4	<4	<40	<4
Trichlorofluoromethane	75-69-4	ug/L	10/11/2012	<4	<4	<4	<4	<4	11	<4	<4	<40	<4
Trichlorofluoromethane	75-69-4	ug/L	3/30/2013	<4	<4	<4	<4	<4	11.2	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/7/2013		<4	<4	<4	<4	9.23	<4	<4		<4
Trichlorofluoromethane	75-69-4	ug/L	6/2/2014	<4	<4	<4	<4	<4	10	1.44J	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/15/2014	<4	<4	<4	<4	5.9	12.3	2.27J	<4	<40	<4
Trichlorofluoromethane	75-69-4	ug/L	4/6/2015	<4	<4	<4	<4	1.19J	8.4	1.1J	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/5/2015	<4	<4	<4	<4	2.02J	6.56	0.754J	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/4/2016	<4	<4	<4	<4	0.996J	4.47	0.863J	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/17/2016	<4	<4	<4	<4	3.52J	9.95	0.971J	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/17/2017	<4	<4	<4	<4	1.61J	<4	0.836J	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/11/2017	<4	<4	<4	<4	1.51J	1.27J	0.49J	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/23/2018					1.32J		0.516J			
Trichlorofluoromethane	75-69-4	ug/L	4/24/2018				<4				<4		
Trichlorofluoromethane	75-69-4	ug/L	4/25/2018			<4						<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/27/2018	<4	<4								
Trichlorofluoromethane	75-69-4	ug/L	10/16/2018	<4	<4	<4	<4	1.58J	4.4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/16/2019	<4	<4	<4	<4	5.11	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/1/2019	<4	<4	<4	<4	6.01	<4	<4	<4	<40	<4
Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	<4	<4	<4	<4	<4	<40	<4	<4	<20	<4
Trichlorofluoromethane	75-69-4	ug/L	10/7/2020	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/13/2021	<1	<1	<1	<1	3.3	2.9	<1	<1	<1	<1
Trichlorofluoromethane	75-69-4	ug/L	10/20/2021	<1	<1	<1	<1	7.9		<1	<1	<1	<1
Trichlorofluoromethane	75-69-4	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Trichlorofluoromethane	75-69-4	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
Trichlorofluoromethane	75-69-4	ug/L	5/1/2023	<4	<4	<4	<4	<4		0.412J	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/16/2023	<4	<4	<4	<4	<4		<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/29/2024	<4	<4	<4	<4	<4		<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/9/2024			<4.00					<4.00	<4.00	
Trichlorofluoromethane	75-69-4	ug/L	10/10/2024				<4.00	<4.00		<4.00			<4.00
Trichlorofluoromethane	75-69-4	ug/L	10/14/2024	<4.00	<4.00								
Trichlorofluoromethane	75-69-4	ug/L	4/28/2025			<4.00					<4.00	<4.00	<4.00
Trichlorofluoromethane	75-69-4	ug/L	4/29/2025				<4.00	<4.00	<4.00	<4.00			
Trichlorofluoromethane	75-69-4	ug/L	5/8/2025	<4.00	<4.00								
Trichlorofluoromethane	75-69-4	ug/L	10/20/2025					2.22	1.35			<4.00	
Trichlorofluoromethane	75-69-4	ug/L	10/21/2025				<4.00			<4.00	<4.00		
Trichlorofluoromethane	75-69-4	ug/L	10/24/2025	<4.00	<4.00								
Trichlorofluoromethane	75-69-4	ug/L	5/4/2026				<4.00						
Trichlorofluoromethane	75-69-4	ug/L	5/12/2026	<4.00	<4.00	<4.00		2.01	1.16	<4.00	<4.00	<4.00	<4.00
Vanadium	7440-62-2	mg/L	2/27/2008	0.135	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	5/12/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	7/13/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	9/14/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	11/17/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	4/14/2009	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	7/7/2009							<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	9/2/2009							<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	10/25/2009	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	1/2/2010							<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	3/3/2010							<0.05	<0.05	<0.05	<0.05

Table 9A
Analytical Data Summary - Source Characterization Wells
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Vanadium	7440-62-2	mg/L	5/10/2010	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	11/1/2010	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	10/13/2011	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0514
Vanadium	7440-62-2	mg/L	4/11/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	10/11/2012	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	3/30/2013	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	10/7/2013	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	6/2/2014	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0074J	<0.05
Vanadium	7440-62-2	mg/L	10/15/2014	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.00768J	<0.05
Vanadium	7440-62-2	mg/L	4/6/2015	<0.005	<0.005	0.00102J; 0.000918J	<0.005	0.000679J	<0.005	<0.005	0.00081J	0.00765	0.00203J
Vanadium	7440-62-2	mg/L	10/5/2015	<0.005	<0.005	0.000813J	<0.005	0.000855J	<0.005	<0.005	0.000551J	0.0063	0.00212J
Vanadium	7440-62-2	mg/L	4/4/2016	0.000527J	<0.005	0.000944J	0.000424J	0.000496J	<0.005	<0.005	0.000695J	0.00545	0.00204J
Vanadium	7440-62-2	mg/L	10/17/2016	<0.005	<0.005	0.000816J	0.000392J	0.000713J	0.000673J	<0.005	0.000463J; 0.000435J	0.0044J	0.00173J
Vanadium	7440-62-2	mg/L	4/17/2017	<0.005	<0.005	0.000891J	<0.005	<0.005	<0.005	<0.005	<0.005	0.0027J	0.0014J
Vanadium	7440-62-2	mg/L	10/11/2017	<0.005	<0.005	0.000926J	0.00356J	<0.005	<0.005	<0.005	<0.005	0.00269J	0.00211J; 0.00212J
Vanadium	7440-62-2	mg/L	4/23/2018					0.000533J		<0.005			
Vanadium	7440-62-2	mg/L	4/24/2018				<0.005				0.000788J		
Vanadium	7440-62-2	mg/L	4/25/2018			0.000796J						0.00293J	0.00159J
Vanadium	7440-62-2	mg/L	4/27/2018	0.00113J	<0.005								
Vanadium	7440-62-2	mg/L	10/16/2018	0.00135J	<0.005	0.00357J	0.00442J	<0.005	0.0022J	0.00364J	0.00362J	0.00641	0.00294J
Vanadium	7440-62-2	mg/L	4/16/2019	0.00118J	0.00129J	0.000837J	<0.005	<0.005	<0.005	<0.005	0.001J	0.00246J	0.0019J
Vanadium	7440-62-2	mg/L	10/1/2019	<0.005	<0.005	0.000902J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00379J	0.00195J
Vanadium	7440-62-2	mg/L	3/30/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0037J	0.00139J
Vanadium	7440-62-2	mg/L	10/7/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00277J	0.00311J
Vanadium	7440-62-2	mg/L	4/13/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Vanadium	7440-62-2	mg/L	10/20/2021	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
Vanadium	7440-62-2	mg/L	5/2/2022	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
Vanadium	7440-62-2	mg/L	10/14/2022	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
Vanadium	7440-62-2	mg/L	5/1/2023	<0.005	<0.005	0.00124J	<0.005	<0.005		<0.005	<0.005	0.00173J	0.00122J
Vanadium	7440-62-2	mg/L	10/16/2023	<0.005	<0.005	0.0011J	<0.005	<0.005		<0.005	<0.005	0.00277J	0.0022J
Vanadium	7440-62-2	mg/L	4/29/2024	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0.00337J	0.00239J
Vanadium	7440-62-2	mg/L	10/9/2024			<0.00500					<0.00500	0.00158J	
Vanadium	7440-62-2	mg/L	10/10/2024				<0.00500	<0.00500		<0.00500			0.00502
Vanadium	7440-62-2	mg/L	10/14/2024	<0.00500	<0.00500								
Vanadium	7440-62-2	mg/L	4/28/2025			<0.00500					<0.0250	0.00319	0.00280
Vanadium	7440-62-2	mg/L	4/29/2025				<0.00500	0.00175	<0.00500	<0.00500			
Vanadium	7440-62-2	mg/L	5/8/2025	<0.00500	<0.00500								
Vanadium	7440-62-2	mg/L	10/20/2025					<0.00500	<0.00500			0.00184	
Vanadium	7440-62-2	mg/L	10/21/2025				<0.00500			<0.00500	<0.00500		
Vanadium	7440-62-2	mg/L	10/24/2025	<0.00500	<0.00500								
Vanadium	7440-62-2	mg/L	5/4/2026				0.000216						
Vanadium	7440-62-2	mg/L	5/12/2026	0.000877	0.000149	0.00107		0.000670	0.000213	0.000218	0.000643	0.00241	0.00186
Vinyl Acetate	108-05-4	ug/L	2/27/2008	<2	<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	5/12/2008	<2.5	<2	<2	<2.5	<2.5	<2.5				
Vinyl Acetate	108-05-4	ug/L	7/13/2008	<2	<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	9/14/2008	<2	<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	11/17/2008	<2	<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	4/14/2009	<2	<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	7/7/2009							<2	<2	<40	<2
Vinyl Acetate	108-05-4	ug/L	9/2/2009							<2	<2	<20	<2
Vinyl Acetate	108-05-4	ug/L	10/25/2009	<2	<2	<2	<2	<2	<2	<2	<2	<20	<2
Vinyl Acetate	108-05-4	ug/L	1/2/2010							<2	<2	<20	<2
Vinyl Acetate	108-05-4	ug/L	3/3/2010							<2	<2	<2	<2
Vinyl Acetate	108-05-4	ug/L	5/10/2010	<2	<2	<2	<2	<2	<2	<2	<2	<10	<2
Vinyl Acetate	108-05-4	ug/L	11/1/2010	<2	<2	<2	<2	<2	<2	<2	<2	<10	<2
Vinyl Acetate	108-05-4	ug/L	10/13/2011	<2	<10	<2	<2	<50	<50	<50	<2	<10	<2
Vinyl Acetate	108-05-4	ug/L	4/11/2012	<20	<20	<20	<20	<20	<20	<20	<2	<200	<20
Vinyl Acetate	108-05-4	ug/L	10/11/2012	<10	<10	<10	<10	<10	<2	<10	<10	<100	<2

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Vinyl Acetate	108-05-4	ug/L	3/30/2013	<2	<2	<2	<2	<2	<2	<2	<2	<7.4	<2
Vinyl Acetate	108-05-4	ug/L	10/7/2013		<2	<2	<2	<2	<2	<2	<2		<2
Vinyl Acetate	108-05-4	ug/L	6/2/2014	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Vinyl Acetate	108-05-4	ug/L	10/15/2014	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Vinyl Acetate	108-05-4	ug/L	4/6/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/4/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/17/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/17/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/11/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/23/2018					<10		<10			
Vinyl Acetate	108-05-4	ug/L	4/24/2018				<10				<10		
Vinyl Acetate	108-05-4	ug/L	4/25/2018			<10						<10	<10
Vinyl Acetate	108-05-4	ug/L	4/27/2018	<10	<10								
Vinyl Acetate	108-05-4	ug/L	10/16/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/16/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
Vinyl Acetate	108-05-4	ug/L	3/30/2020	<10	<10	<10	<10	<10	<100	<10	<10	<50	<10
Vinyl Acetate	108-05-4	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Acetate	108-05-4	ug/L	10/20/2021	<5	<5	<5	<5	<5		<5	<5	<5	<5
Vinyl Acetate	108-05-4	ug/L	5/2/2022	<5	<5	<5	<5	<5		<5	<5	<5	<5
Vinyl Acetate	108-05-4	ug/L	10/14/2022	<5	<5	<5	<5	<5		<5	<5	<5	<5
Vinyl Acetate	108-05-4	ug/L	5/1/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/16/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/29/2024	<10	<10	<10	<10	<10		<10	<10	<10	<10
Vinyl Chloride	75-01-4	ug/L	2/27/2008	<1	<1	<1	<1	7.65	3.41				
Vinyl Chloride	75-01-4	ug/L	5/12/2008	<1	<1	<1	<1	2.81	3.71				
Vinyl Chloride	75-01-4	ug/L	7/13/2008	<1	<1	<1	<1	3.28	<1				
Vinyl Chloride	75-01-4	ug/L	9/14/2008	<1	<1	<1	<1	11	<1				
Vinyl Chloride	75-01-4	ug/L	11/17/2008	<1	<1	<1	<1	9.47	<1				
Vinyl Chloride	75-01-4	ug/L	4/14/2009	<1	<1	<1	<1	7.62	2.36				
Vinyl Chloride	75-01-4	ug/L	7/7/2009					6.43	<1	2.63; 1.58	<1	<20	<1
Vinyl Chloride	75-01-4	ug/L	9/2/2009					5.57	<1	<1	<1	<10	<1
Vinyl Chloride	75-01-4	ug/L	10/25/2009	<1	<1	<1	<1	7.37	1.41	1.29	<1	<10	<1
Vinyl Chloride	75-01-4	ug/L	1/2/2010					8.79	1.22	1.53	<1	<10	<1
Vinyl Chloride	75-01-4	ug/L	3/3/2010							1.73	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	5/10/2010	<1	<1	<1	<1	4.23	1.54	1.69	<1	<5	<1
Vinyl Chloride	75-01-4	ug/L	7/8/2010							1.23			
Vinyl Chloride	75-01-4	ug/L	9/13/2010							4.68			
Vinyl Chloride	75-01-4	ug/L	11/1/2010	<1	<1	<1	<1	8.24	3.3	2.3	<1	<5	<1
Vinyl Chloride	75-01-4	ug/L	1/10/2011							1.12			
Vinyl Chloride	75-01-4	ug/L	4/4/2011					6.76	3.17	1.34			
Vinyl Chloride	75-01-4	ug/L	10/13/2011	<1	<1	<1	<1	8.63	1.37	2.3	<1	<5	<1
Vinyl Chloride	75-01-4	ug/L	4/11/2012	<1	<1	<1	<1	3.58	<1	<1	<1	<10	<1
Vinyl Chloride	75-01-4	ug/L	10/11/2012	<1	<1	<1	<1	9.74	<1	1.21	<1	<10	<1
Vinyl Chloride	75-01-4	ug/L	3/30/2013	<1	<1	<1	<1	5.97	1.74	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/7/2013		<1	<1	<1	7.56; 7.7	6.56	1.39	<1		<1
Vinyl Chloride	75-01-4	ug/L	6/2/2014	<1	<1	<1	<1	6.32	2.76	0.395J	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/15/2014	<1	<1	<1	<1	4.34	5.77	0.262J	<1	<10	<1
Vinyl Chloride	75-01-4	ug/L	4/6/2015	<1	<1	<1	0.296J	6.09	2.85	0.177J	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/5/2015	<1	<1	<1	0.159J	8.59	6.12	0.333J	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/4/2016	<1	<1	<1	<1	4.46	10.4	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/17/2016	<1	<1	<1	<1	8.27	16.8	0.532J	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/17/2017	<1	<1	<1	<1	6.21	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/11/2017	<1	<1	<1	0.145J	6	13.2	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/23/2018					4.81		0.173J			
Vinyl Chloride	75-01-4	ug/L	4/24/2018				<1				<1		

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Vinyl Chloride	75-01-4	ug/L	4/25/2018			<1						<1	<1
Vinyl Chloride	75-01-4	ug/L	4/27/2018	<1	<1								
Vinyl Chloride	75-01-4	ug/L	10/16/2018	<1	<1	<1	<1	6.36	13.7	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/16/2019	<1	<1	<1	<1	4.48	13.5	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/1/2019	<1	<1	<1	<1	5.89	20.5	0.645J	<1	<10	<1
Vinyl Chloride	75-01-4	ug/L	3/30/2020	<1	<1	<1	<1	3.32	15.4	<1	<1	<5	<1
Vinyl Chloride	75-01-4	ug/L	10/7/2020	<1	<1	<1	<1	2.56	22.2	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/13/2021	<1	<1	<1	<1	2	22	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/20/2021	<1	<1	<1	<1	3.4	28.9	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	5/2/2022	<1	<1	<1	<1	2.9	32.2	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/14/2022	<1	<1	<1	<1	1.7	25.2	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	5/1/2023	<1	<1	<1	<1	2.28	24.2	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/16/2023	<1	<1	<1	<1	2.39	28.1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/29/2024	<1	<1	<1	<1	2.46	21.8	<1	<1	<1	<1
Vinyl acetate	108-05-4	ug/L	10/9/2024			<10.0					<10.0	<10.0	
Vinyl acetate	108-05-4	ug/L	10/10/2024				<10.0	<10.0		<10.0			<10.0
Vinyl acetate	108-05-4	ug/L	10/14/2024	<10.0	<10.0								
Vinyl acetate	108-05-4	ug/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
Vinyl acetate	108-05-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
Vinyl acetate	108-05-4	ug/L	5/8/2025	<10.0	<10.0								
Vinyl acetate	108-05-4	ug/L	10/20/2025					<10.0	<10.0			<10.0	
Vinyl acetate	108-05-4	ug/L	10/21/2025				<10.0			<10.0	<10.0		
Vinyl acetate	108-05-4	ug/L	10/24/2025	<10.0	<10.0								
Vinyl acetate	108-05-4	ug/L	5/4/2026				<10.0						
Vinyl acetate	108-05-4	ug/L	5/12/2026	<10.0	<10.0	<10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Vinyl chloride	75-01-4	ug/L	10/9/2024			<1.00			21.5		<1.00	<1.00	
Vinyl chloride	75-01-4	ug/L	10/10/2024				<1.00	2.64		<1.00			<1.00
Vinyl chloride	75-01-4	ug/L	10/14/2024	<1.00	<1.00								
Vinyl chloride	75-01-4	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
Vinyl chloride	75-01-4	ug/L	4/29/2025				<1.00	0.489	24.3	<1.00			
Vinyl chloride	75-01-4	ug/L	5/8/2025	<1.00	<1.00								
Vinyl chloride	75-01-4	ug/L	10/20/2025					2.26	15.4			<1.00	
Vinyl chloride	75-01-4	ug/L	10/21/2025				<1.00			<1.00	<1.00		
Vinyl chloride	75-01-4	ug/L	10/24/2025	<1.00	<1.00								
Vinyl chloride	75-01-4	ug/L	5/4/2026				<1.00						
Vinyl chloride	75-01-4	ug/L	5/12/2026	<1.00	<1.00	<1.00		1.77	9.42	<1.00	<1.00	<1.00	<1.00
Xylenes, Total	1330-20-7	ug/L	2/27/2008	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	5/12/2008	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	7/13/2008	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	9/14/2008	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	11/17/2008	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	4/14/2009	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	7/7/2009							<3	<3	<60	<3
Xylenes, Total	1330-20-7	ug/L	9/2/2009							<3	<3	<30	<3
Xylenes, Total	1330-20-7	ug/L	10/25/2009	<6	<3	<6	<6	<6	<6	<6	<6	<60	<4
Xylenes, Total	1330-20-7	ug/L	1/2/2010							<3	<3	<30	<6
Xylenes, Total	1330-20-7	ug/L	3/3/2010							<3	<3	14.8	<3
Xylenes, Total	1330-20-7	ug/L	5/10/2010	<6	<12	<12	<12	<12	<12	<12	<12	<60	<12
Xylenes, Total	1330-20-7	ug/L	11/1/2010	<3	<3	<3	<3	<3	<3	<3	<3	22.6	<3
Xylenes, Total	1330-20-7	ug/L	10/13/2011	<3	<3	<3	<3	<3	<3	<3	<3	20	<3
Xylenes, Total	1330-20-7	ug/L	4/11/2012	<3	<3	<3	<3	<3	<3	<3	<3	<30	<3
Xylenes, Total	1330-20-7	ug/L	10/11/2012	<3	<3	<3	<3	<3	<3	<3	<3	<30	<3
Xylenes, Total	1330-20-7	ug/L	3/30/2013	<3	<3	<3	<3	<3	<3	<3	<3	12.8	<3
Xylenes, Total	1330-20-7	ug/L	10/7/2013		<3	<3	<3	<3	<3	<3	<3		<3
Xylenes, Total	1330-20-7	ug/L	6/2/2014	<3	<3	<3	<3	<3	<3	<3	<3	11	<3
Xylenes, Total	1330-20-7	ug/L	10/15/2014	<3	<3	<3	<3	<3	<3	<3	<3	13.6J	<3
Xylenes, Total	1330-20-7	ug/L	4/6/2015	<3	<3	<3	<3	<3	<3	<3	<3	14.7	<3
Xylenes, Total	1330-20-7	ug/L	10/5/2015	<3	<3	<3	<3	<3	<3	<3	<3	18.8	<3

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Xylenes, Total	1330-20-7	ug/L	4/4/2016	<3	<3	<3	<3	<3	<3	<3	<3	15.4	<3
Xylenes, Total	1330-20-7	ug/L	10/17/2016	<3	<3	<3	<3	<3	<3	<3	<3	17	<3
Xylenes, Total	1330-20-7	ug/L	4/17/2017	<3	<3	<3	<3	<3	<3	<3	<3	14.6	<3
Xylenes, Total	1330-20-7	ug/L	10/11/2017	<3	<3	<3	<3	<3	<3	<3	<3	21.4	<3
Xylenes, Total	1330-20-7	ug/L	4/23/2018					<3		<3			
Xylenes, Total	1330-20-7	ug/L	4/24/2018				<3				<3		
Xylenes, Total	1330-20-7	ug/L	4/25/2018			<3						15	<3
Xylenes, Total	1330-20-7	ug/L	4/27/2018	<3	<3								
Xylenes, Total	1330-20-7	ug/L	10/16/2018	<3	<3	<3	<3	<3	<3	<3	<3	15.5	<3
Xylenes, Total	1330-20-7	ug/L	4/16/2019	<3	<3	<3	<3	<3	<3	<3	0.415J	13.6	<3
Xylenes, Total	1330-20-7	ug/L	10/1/2019	<3	<3	<3	<3	<3	<3	<3	<3	8.74J	<3
Xylenes, Total	1330-20-7	ug/L	3/30/2020	<3	<3	<3	<3	<3	<30	<3	<3	12.1J	<3
Xylenes, Total	1330-20-7	ug/L	10/7/2020	<3	<3	<3	<3	<3	<3	<3	<3	10.5	<3
Xylenes, Total	1330-20-7	ug/L	4/13/2021	<2	<2	<2	<2	<2	<2	<2	<2	11	<2
Xylenes, Total	1330-20-7	ug/L	10/20/2021	<2	<2	<2	<2	<2		<2	<2	11.2	<2
Xylenes, Total	1330-20-7	ug/L	5/2/2022	<2	<2	<2	<2	<2		<2	<2	8.9	<2
Xylenes, Total	1330-20-7	ug/L	10/14/2022	<2	<2	<2	<2	<2		<2	<2	10.4	<2
Xylenes, Total	1330-20-7	ug/L	5/1/2023	<3	<3	<3	<3	<3		<3	<3	6.06	<3
Xylenes, Total	1330-20-7	ug/L	10/16/2023	<3	<3	<3	<3	<3		<3	<3	8.82	<3
Xylenes, Total	1330-20-7	ug/L	4/29/2024	<3	<3	<3	<3	<3		<3	<3	4.68	<3
Xylenes, Total	1330-20-7	ug/L	10/9/2024			<3.00					<3.00	8.58	
Xylenes, Total	1330-20-7	ug/L	10/10/2024				<3.00	<3.00		<3.00			<3.00
Xylenes, Total	1330-20-7	ug/L	10/14/2024	<3.00	<3.00								
Xylenes, Total	1330-20-7	ug/L	4/28/2025			<3.00					<3.00	4.57	<3.00
Xylenes, Total	1330-20-7	ug/L	4/29/2025				<3.00	<3.00	<3.00	<3.00			
Xylenes, Total	1330-20-7	ug/L	5/8/2025	<3.00	<3.00								
Xylenes, Total	1330-20-7	ug/L	10/20/2025					<3.00	<3.00			8.39	
Xylenes, Total	1330-20-7	ug/L	10/21/2025				<3.00			<3.00	<3.00		
Xylenes, Total	1330-20-7	ug/L	10/24/2025	<3.00	<3.00								
Xylenes, Total	1330-20-7	ug/L	5/4/2026				<3.00						
Xylenes, Total	1330-20-7	ug/L	5/12/2026	<3.00	<3.00	<3.00		<3.00	<3.00	<3.00	<3.00	5.20	<3.00
Zinc	7440-66-6	mg/L	2/27/2008	0.229	<0.1	<0.1	<0.1	<0.1	<0.1				
Zinc	7440-66-6	mg/L	5/12/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Zinc	7440-66-6	mg/L	7/13/2008	0.121	<0.1	<0.1	<0.1	<0.1	<0.1				
Zinc	7440-66-6	mg/L	9/14/2008	<0.1	<0.1	<0.1	0.117	<0.1	<0.1				
Zinc	7440-66-6	mg/L	11/17/2008	0.0659	0.0271	0.0272	0.0353	0.077	0.239				
Zinc	7440-66-6	mg/L	4/14/2009	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Zinc	7440-66-6	mg/L	7/7/2009							<0.1	<0.1	<0.1	<0.1
Zinc	7440-66-6	mg/L	9/2/2009							<0.1	<0.1	<0.1	<0.1
Zinc	7440-66-6	mg/L	10/25/2009	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Zinc	7440-66-6	mg/L	1/2/2010							<0.1	<0.1	<0.1	<0.1
Zinc	7440-66-6	mg/L	3/3/2010							<0.1	<0.1	<0.1	<0.1
Zinc	7440-66-6	mg/L	5/10/2010	<0.02	0.023	0.044	0.0339	0.0374	0.0884	0.0494	0.0248	<0.1	0.0372
Zinc	7440-66-6	mg/L	7/8/2010							<0.1	<0.1		<0.1
Zinc	7440-66-6	mg/L	9/13/2010							<0.1	<0.1		<0.1
Zinc	7440-66-6	mg/L	11/1/2010							<0.1	<0.1	<0.1	<0.1
Zinc	7440-66-6	mg/L	1/10/2011							0.152	0.0302		
Zinc	7440-66-6	mg/L	4/4/2011							<0.1	<0.1	<0.1	<0.1
Zinc	7440-66-6	mg/L	10/13/2011	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1	0.148
Zinc	7440-66-6	mg/L	4/11/2012	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0368	<0.06	0.0282
Zinc	7440-66-6	mg/L	10/11/2012	<0.02	0.0244	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	0.0531
Zinc	7440-66-6	mg/L	3/30/2013	0.0596	0.037	0.0653	0.0439	0.0544	0.0504	0.0572	0.0445	0.072	0.0733
Zinc	7440-66-6	mg/L	10/7/2013	0.12	0.123	0.175; 0.184	0.122	0.0971; 0.11	0.0979	0.14	0.114	0.161	0.128
Zinc	7440-66-6	mg/L	6/2/2014	<0.08	<0.08	<0.02	<0.02	<0.06	<0.08	<0.02	<0.02	<0.06	<0.02
Zinc	7440-66-6	mg/L	10/15/2014	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	4/6/2015	<0.01	<0.01	<0.01	<0.01	<0.01	0.00883J	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	mg/L	10/5/2015	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00938J	<0.01
Zinc	7440-66-6	mg/L	4/4/2016	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
Zinc	7440-66-6	mg/L	10/17/2016	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	mg/L	4/17/2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/11/2017	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	4/23/2018					<0.02		<0.02			
Zinc	7440-66-6	mg/L	4/24/2018				<0.02				<0.02		
Zinc	7440-66-6	mg/L	4/25/2018			<0.02						<0.02	0.0188J
Zinc	7440-66-6	mg/L	4/27/2018	<0.02	<0.02								
Zinc	7440-66-6	mg/L	10/16/2018	<0.02	<0.02	<0.02	0.0104J	<0.02	<0.02	<0.02	0.00722J	0.00893J	0.0238
Zinc	7440-66-6	mg/L	4/16/2019	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/1/2019	0.0345; <0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0126J
Zinc	7440-66-6	mg/L	3/30/2020	0.272	0.0122J	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/7/2020	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0558	<0.02
Zinc	7440-66-6	mg/L	4/13/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/20/2021	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	5/2/2022	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/14/2022	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	5/1/2023	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/16/2023	0.0102J	<0.02	<0.02	<0.02	<0.02		0.00785J	<0.02	<0.02	0.00919J
Zinc	7440-66-6	mg/L	4/29/2024	0.0104J	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/9/2024			<0.0200					<0.0200	<0.0200	
Zinc	7440-66-6	mg/L	10/10/2024				<0.0200	<0.0200		<0.0200			<0.0200
Zinc	7440-66-6	mg/L	10/14/2024	<0.0200	<0.0200								
Zinc	7440-66-6	mg/L	4/28/2025			<0.0200					<0.100	<0.0200	<0.0200
Zinc	7440-66-6	mg/L	4/29/2025				<0.0200	<0.0200	<0.0200	<0.0200			
Zinc	7440-66-6	mg/L	5/8/2025	<0.0200	<0.0200								
Zinc	7440-66-6	mg/L	10/20/2025					0.0464	0.0248			0.0173	
Zinc	7440-66-6	mg/L	10/21/2025				<0.0200			<0.0200	<0.0200		
Zinc	7440-66-6	mg/L	10/24/2025	<0.0200	<0.0200								
Zinc	7440-66-6	mg/L	5/4/2026				<0.0200						
Zinc	7440-66-6	mg/L	5/12/2026	<0.0200	<0.0200	<0.0200		<0.0200	<0.0200	<0.0200	0.0116	<0.0200	<0.0200
alpha-BHC	319-84-6	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
alpha-BHC	319-84-6	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
alpha-BHC	319-84-6	ug/L	5/8/2025	<0.0911	<0.0902								
beta-BHC	319-85-7	ug/L	10/9/2024									<0.0967	
beta-BHC	319-85-7	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
beta-BHC	319-85-7	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
beta-BHC	319-85-7	ug/L	5/8/2025	<0.0911	<0.0902								
bis (2-chloroisopropyl) ether	108-60-1	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
bis (2-chloroisopropyl) ether	108-60-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
bis (2-chloroisopropyl) ether	108-60-1	ug/L	5/8/2025	<10.0	<10.9								
cis-1,2-Dichloroethene	156-59-2	ug/L	2/27/2008	<1	<1	<1	<1	7.42	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2008	<1	<1	<1	<1	3.14	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	7/13/2008	<1	<1	<1	<1	4.26	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2008	<1	<1	<1	<1	8.62	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	11/17/2008	<1	<1	<1	<1	8.72	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2009	<1	<1	<1	<1	7.96	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	7/7/2009							16.4; 11.8	<1	<20	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	9/2/2009					6.41		12.7	<1	<10	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/2009	<1	<1	<1	<1	7.42	<1	17.6	<1	<10	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	1/2/2010					7.19		16.7	<1	<10	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2010							20.1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	5/10/2010	<1	<1	<1	<1	5.33	1.63	18	<1	<5	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	7/8/2010							17.5			
cis-1,2-Dichloroethene	156-59-2	ug/L	9/13/2010							23.4			
cis-1,2-Dichloroethene	156-59-2	ug/L	11/1/2010	<1	<1	<1	<1	7.63	2.25	21.4	<1	<5	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	1/10/2011							15.8			
cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2011					6.69		15.4			
cis-1,2-Dichloroethene	156-59-2	ug/L	10/13/2011	<1	<1	<1	<1	7.28	2.07	17.2	<1	<5	<1

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	<1	<1	<1	<1	4.66	2.22	13.4	<1	<10	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2012	<1	<1	<1	<1	8.81	1.86	15	<1	<10	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2013	<1	<1	<1	<1	6.11	2.9	11.4	<1	<1.3	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2013		<1	<1	<1	6.18; 6.8	4.95	11.9	<1		<1
cis-1,2-Dichloroethene	156-59-2	ug/L	6/2/2014	<1	<1	<1	<1	6.77	5.9	10.2	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/15/2014	<1	<1	<1	<1	5.47	8.7	13.1	<1	<10	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/6/2015	<1	<1	<1	<1	5.28	8.69	8.77	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/5/2015	<1	<1	<1	<1	8.19	11.4	9.92	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2016	<1	<1	<1	<1	4.31	33.1	6.94	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2016	<1	<1	<1	0.179J	6.83	40.3	9.15	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/17/2017	<1	<1	<1	<1	4.14	<1	6.33	<1	0.132J	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2017	<1	<1	<1	<1	6.11	75	5.23	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/23/2018					5.32		5.42			
cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2018				<1				<1		
cis-1,2-Dichloroethene	156-59-2	ug/L	4/25/2018			<1						<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/27/2018	<1	<1								
cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2018	<1	<1	<1	<1	5.55	59.2	4.88	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2019	<1	<1	<1	<1	5.38	99.2	3.35	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2019	<1	<1	<1	<1	5.95	176	5.34	<1	<10	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	<1	<1	<1	<1	4.78	124	3.16	<1	<5	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2020	<1	<1	<1	<1	5.39	167	4.19	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/13/2021	<1	<1	<1	<1	3.6	186	2.4	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/20/2021	<1	<1	<1	<1	5.8		3.1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	5/2/2022	<1	<1	<1	<1	5		2.2	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2022	<1	<1	<1	<1	5.4		2	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	5/1/2023	<1	<1	<1	<1	6.39		1.96	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2023	<1	<1	<1	<1	6.95		1.91	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2024	<1	<1	<1	<1	7.46		1.46	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/9/2024			<1.00					<1.00	<1.00	
cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024				<1.00	7.34		0.504J			<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2024	<1.00	<1.00								
cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2025				<1.00	3.45	254	<1.00			
cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2025	<1.00	<1.00								
cis-1,2-Dichloroethene	156-59-2	ug/L	10/20/2025					7.97	211			<1.00	
cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2025				<1.00			0.602	<1.00		
cis-1,2-Dichloroethene	156-59-2	ug/L	10/24/2025	<1.00	<1.00								
cis-1,2-Dichloroethene	156-59-2	ug/L	5/4/2026				<1.00						
cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2026	<1.00	<1.00	<1.00		9.78	193	0.952	<1.00	<1.00	<1.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2009	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/7/2009							<5	<5	<100	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	9/2/2009							<5	<5	<50	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/25/2009	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	1/2/2010							<5	<5	<50	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2010							<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/10/2010	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	11/1/2010	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/13/2011	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2013		<5	<5	<5	<5	<5	<5	<5		<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	6/2/2014	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Table 9A
Analytical Data Summary - Source Characterization Wells
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/15/2014	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/6/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/5/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/4/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/17/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/23/2018					<5		<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2018				<5				<5		
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/25/2018			<5						<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/27/2018	<5	<5								
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2018	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	<5	<5	<5	<5	<5	<50	<5	<5	<25	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/1/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2024	<5	<5	<5	<5	<5		<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/9/2024			<5.00					<5.00	<5.00	
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024				<5.00	<5.00		<5.00			<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2024	<5.00	<5.00								
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2025			<5.00					<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2025				<5.00	<5.00	<5.00	<5.00			
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2025	<5.00	<5.00								
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/20/2025					<5.00	<5.00			<5.00	
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2025				<5.00			<5.00	<5.00		
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/24/2025	<5.00	<5.00								
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/4/2026				<5.00						
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2026	<5.00	<5.00	<5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
delta-BHC	319-86-8	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
delta-BHC	319-86-8	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
delta-BHC	319-86-8	ug/L	5/8/2025	<0.0911	<0.0902								
gamma-BHC (Lindane)	58-89-9	ug/L	4/28/2025			<0.0907					<0.0902	<0.0907	<0.0895
gamma-BHC (Lindane)	58-89-9	ug/L	4/29/2025				<0.0895	<0.0904	<0.0904	<0.0900			
gamma-BHC (Lindane)	58-89-9	ug/L	5/8/2025	<0.0911	<0.0902								
m/p-Cresol	T-34MP	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
m/p-Cresol	T-34MP	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
m/p-Cresol	T-34MP	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
m/p-Cresol	T-34MP	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	5/8/2025	<10.0	<10.9								
o-Toluidine	95-53-4	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
o-Toluidine	95-53-4	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
o-Toluidine	95-53-4	ug/L	5/8/2025	<10.0	<10.9								
p-Chloroaniline	106-47-8	ug/L	4/14/2009	<10	<10	<10	<50	<10	<10				
p-Chloroaniline	106-47-8	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
p-Chloroaniline	106-47-8	ug/L	10/5/2015	<10	<10.4	<10	<10.3	<10.5	<10.2	<10.2	<10	<10	<10
p-Chloroaniline	106-47-8	ug/L	3/30/2020	<11.5	<11.8	<10.1	<10.3	<10.4	<10.4	<10.2	<10.1	<10.6	<10.1
p-Dimethylamino azobenzene	60-11-7	ug/L	4/28/2025			<10.2					<10.6	<10.4	<10.6
p-Dimethylamino azobenzene	60-11-7	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
p-Dimethylamino azobenzene	60-11-7	ug/L	5/8/2025	<10.0	<10.9								
trans-1,2-Dichloroethene	156-60-5	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1				

Table 9A
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2009	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	7/7/2009					<1		<1; 1.08	<1	<20	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	9/2/2009							<1	<1	<10	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/2009	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	1/2/2010							<1	<1	<10	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2010							1.01	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	5/10/2010	<1	<1	<1	<1	<1	<1	1.11	<1	<5	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	7/8/2010							<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	9/13/2010							1.35			
trans-1,2-Dichloroethene	156-60-5	ug/L	11/1/2010	<1	<1	<1	<1	<1	<1	1.09	<1	<5	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	1/10/2011							<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2011							<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	10/13/2011	<1	<1	<1	<1	<1	<1	<1	<1	<5	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2012	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2013	<1	<1	<1	<1	<1	<1	<1	<1	<2.1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2013		<1	<1	<1	<1	<1	<1	<1		<1
trans-1,2-Dichloroethene	156-60-5	ug/L	6/2/2014	<1	<1	<1	<1	<1	<1	0.597J	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/15/2014	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/6/2015	<1	<1	<1	<1	0.336J	<1	0.326J	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/5/2015	<1	<1	<1	<1	<1	0.343J	0.338J	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2016	<1	<1	<1	<1	<1	0.633J	0.325J	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2016	<1	<1	<1	<1	0.524J	1.1	0.461J	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/17/2017	<1	<1	<1	<1	0.346J	<1	0.429J	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2017	<1	<1	<1	<1	0.347J	0.841J	0.281J	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/23/2018					0.33J		0.322J			
trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2018				<1				<1		
trans-1,2-Dichloroethene	156-60-5	ug/L	4/25/2018			<1						<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/27/2018	<1	<1								
trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2018	<1	<1	<1	<1	0.271J	0.769J	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2019	<1	<1	<1	<1	0.303J	1.25	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2019	<1	<1	<1	<1	0.307J	1.99	0.431J	<1	<10	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	<1	<1	<1	<1	<1	<10	<1	<1	<5	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2020	<1	<1	<1	<1	<1	1.98	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	1.6	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/20/2021	<1	<1	<1	<1	<1		<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	5/2/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	5/1/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2023	<1	<1	<1	<1	<1		<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2024	<1	<1	<1	<1	<1		<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/9/2024			<1.00					<1.00	<1.00	
trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024				<1.00	<1.00		<1.00			<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2024	<1.00	<1.00								
trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2025			<1.00					<1.00	<1.00	<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2025				<1.00	<1.00	1.48	<1.00			
trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2025	<1.00	<1.00								
trans-1,2-Dichloroethene	156-60-5	ug/L	10/20/2025					<1.00	1.31			<1.00	
trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2025				<1.00			<1.00	<1.00		
trans-1,2-Dichloroethene	156-60-5	ug/L	10/24/2025	<1.00	<1.00								
trans-1,2-Dichloroethene	156-60-5	ug/L	5/4/2026				<1.00						
trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2026	<1.00	<1.00	<1.00		<1.00	0.944	<1.00	<1.00	<1.00	<1.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5				

Table 9A
Analytical Data Summary - Source Characterization Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2009	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/7/2009							<5	<5	<100	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	9/2/2009							<5	<5	<50	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/25/2009	<5	<10	<5	<5	<5	<5	<5	<5	<50	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	1/2/2010							<10	<10	<100	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2010							<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/10/2010	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	11/1/2010	<10	<5	<10	<10	<10	<10	<10	<10	<25	<10
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/13/2011	<5	<5	<5	<5	<5	<5	<5	<5	<25	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2012	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2013	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2013		<5	<5	<5	<5	<5	<5	<5		<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	6/2/2014	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/15/2014	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/6/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/5/2015	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/4/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2016	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/17/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2017	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/23/2018					<5		<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2018				<5				<5		
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/25/2018			<5						<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/27/2018	<5	<5								
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2018	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<50	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	<5	<5	<5	<5	<5	<50	<5	<5	<25	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/20/2021	0.4J	<1	<1	<1	<1		<1	<1	<1	<1
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/2/2022	<1	<1	<1	0.4J	<1		<1	<1	<1	<1
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2022	<1	<1	<1	<1	<1		<1	<1	<1	<1
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/1/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2023	<5	<5	<5	<5	<5		<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2024	<5	<5	<5	<5	<5		<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/9/2024			<5.00					<5.00	<5.00	
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024				<5.00	<5.00		<5.00			<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2024	<5.00	<5.00								
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2025			<5.00					<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2025				<5.00	<5.00	<5.00	<5.00			
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2025	<5.00	<5.00								
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/20/2025					<5.00	<5.00			<5.00	
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2025				<5.00			<5.00	<5.00		
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/24/2025	<5.00	<5.00								
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/4/2026				<5.00						
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2026	<5.00	<5.00	<5.00		<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/14/2009	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/7/2009							<10	<10	<200	<10

Table 9A
Analytical Data Summary - Source Characterization Wells
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Constituent	CAS	Units	Date	MW-1A	MW-2A-97	MW-6B	MW-11B	MW-16A	MW-18A-07	MW-206A	MW-207A	MW-209B	MW-212A
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/2/2009							<10	<10	<100	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/25/2009	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/2/2010							<10	<10	<100	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/3/2010							<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/10/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/1/2010	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/13/2011	<10	<10	<10	<10	<10	<10	<10	<10	<50	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/11/2012	<20	<20	<20	<20	<10	<10	<20	<10	<200	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/11/2012	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2013	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2013		<10	<10	<10	<10	<10	<10	<10		<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/2/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/15/2014	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/6/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/5/2015	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/4/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/17/2016	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/17/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/11/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/23/2018					<10		<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/24/2018				<10				<10		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/25/2018			<10						<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/27/2018	<10	<10								
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/16/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/16/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<100	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2020	<10	<10	<10	<10	<10	<100	<10	<10	<50	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/20/2021	<5	<5	<5	<5	<5		<5	<5	<5	<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/2/2022	<5	<5	<5	<5	<5		<5	<5	<5	<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2022	<5	<5	<5	<5	<5		<5	<5	<5	<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/1/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/16/2023	<10	<10	<10	<10	<10		<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2024	<10	<10	<10	<10	<10		<10	<10	<10	<10
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/9/2024			<10.0					<10.0	<10.0	
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/10/2024				<10.0	<10.0		<10.0			<10.0
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/14/2024	<10.0	<10.0								
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/28/2025			<10.0					<10.0	<10.0	<10.0
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/29/2025				<10.0	<10.0	<10.0	<10.0			
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/8/2025	<10.0	<10.0								
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/20/2025					<10.0	<10.0			<10.0	
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2025				<10.0			<10.0	<10.0		
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/24/2025	<10.0	<10.0								
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/4/2026				<10.0						
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/12/2026	<10.0	<10.0	<10.0		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1									
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/25/2009	<2		<5	<2	<2	<1	<5			<2	<2	<2	<1			<1	<1									
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/2/2010										<5	<4	<5	<4			<5	<5									
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2010									<2	<2	<2	<2	<2	<2	<2	<2	<2									
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/10/2010	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4									
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/8/2010									<1					<1	<1											
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/13/2010									<5					<5	<5											
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/10/2011									<1					<1	<1											
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/4/2011									<1					<1	<1											
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2011																							<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/5/2011				<2													<2						<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/25/2012					<1		<1																<1	<1		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2018										<1						<1	<1									
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/25/2018						<1																				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2018			<1	<1	<1										<1											
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/1/2018								<1										<1	<1							
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/2/2018																				<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2025													<1.00													
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/5/2025						<1.00																			<1.00	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/6/2025										<1.00		<1.00														
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2025			<1.00		<1.00																					<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2025						<1.00														<1.00			<1.00	<1.00	<1.00	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/22/2025		<1.00							<1.00	<1.00																
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/24/2025																										<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
1,1,1-Trichloroethane	71-55-6	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
1,1,1-Trichloroethane	71-55-6	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,1,1-Trichloroethane	71-55-6	ug/L	7/7/2009							<1			<1	<1	<1	<1			<1	<1									
1,1,1-Trichloroethane	71-55-6	ug/L	9/2/2009							<1			<1	<1	<1	<1			<1	<1									
1,1,1-Trichloroethane	71-55-6	ug/L	10/25/2009	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
1,1,1-Trichloroethane	71-55-6	ug/L	1/2/2010							<10			<10	<4	<10	<4			<10	<10									
1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
1,1,1-Trichloroethane	71-55-6	ug/L	5/10/2010	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4									
1,1,1-Trichloroethane	71-55-6	ug/L	7/8/2010									<1					<1	<1											
1,1,1-Trichloroethane	71-55-6	ug/L	9/13/2010									<1					<1	<1											
1,1,1-Trichloroethane	71-55-6	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
1,1,1-Trichloroethane	71-55-6	ug/L	1/10/2011									<1					<1	<1											
1,1,1-Trichloroethane	71-55-6	ug/L	4/4/2011							<1		<1					<1	<1											
1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2011																							<1			
1,1,1-Trichloroethane	71-55-6	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
1,1,1-Trichloroethane	71-55-6	ug/L	12/5/2011				<1													<1						<1			
1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
1,1,1-Trichloroethane	71-55-6	ug/L	6/25/2012					<1		<1																<1	<1		
1,1,1-Trichloroethane	71-55-6	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,1,1-Trichloroethane	71-55-6	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
1,1,1-Trichloroethane	71-55-6	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,1,1-Trichloroethane	71-55-6	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2018										<1						<1	<1									
1,1,1-Trichloroethane	71-55-6	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
1,1,1-Trichloroethane	71-55-6	ug/L	4/25/2018						<1																				
1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2018			<1	<1	<1										<1											
1,1,1-Trichloroethane	71-55-6	ug/L	5/1/2018								<1										<1	<1							
1,1,1-Trichloroethane	71-55-6	ug/L	5/2/2018																				<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	6/24/2020		<1																								
1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	1/21/2021		<1																								

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
1,1,1-Trichloroethane	71-55-6	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/9/2024		<1.00								<1.00														<1.00		
1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	10/15/2024																				<1.00		<1.00				
1,1,1-Trichloroethane	71-55-6	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2025													<1.00													
1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
1,1,1-Trichloroethane	71-55-6	ug/L	5/5/2025						<1.00																			<1.00	
1,1,1-Trichloroethane	71-55-6	ug/L	5/6/2025										<1.00		<1.00														
1,1,1-Trichloroethane	71-55-6	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2025			<1.00		<1.00																					<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
1,1,1-Trichloroethane	71-55-6	ug/L	10/22/2025		<1.00							<1.00	<1.00																
1,1,1-Trichloroethane	71-55-6	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
1,1,1-Trichloroethane	71-55-6	ug/L	10/24/2025																										<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
1,1,1-Trichloroethane	71-55-6	ug/L	5/5/2026		<1.00				<1.00																			<1.00	
1,1,1-Trichloroethane	71-55-6	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
1,1,1-Trichloroethane	71-55-6	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/25/2009	<2		<1	<2	<2	<1	<1			<2	<2	<2	<1			<1	<1									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/2/2010										<1	<1	<1	<1			<1	<1									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2010									<2	<2	<2	<2	<2	<2	<2	<2	<2									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/8/2010									<1					<1	<1											
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/13/2010									<1					<1	<1											
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/10/2011									<1					<1	<1											
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/4/2011									<1					<1	<1											
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2011																							<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/5/2011				<1													<1						<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/25/2012				<1			<1																<1	<1		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2018											<1					<1	<1									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/25/2018					<1																					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2018			<1	<1	<1										<1											
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/1/2018							<1											<1	<1							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/2/2018																				<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/24/2020		<1																								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/21/2021		<1																								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/9/2024		<1.00								<1.00														<1.00		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/15/2024																				<1.00		<1.00				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2025													<1.00													
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/5/2025						<1.00																			<1.00	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/6/2025										<1.00		<1.00														
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2025			<1.00		<1.00																					<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/22/2025		<1.00							<1.00	<1.00																
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/24/2025																										<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
1,1,2-Trichloroethane	79-00-5	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
1,1,2-Trichloroethane	79-00-5	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,1,2-Trichloroethane	79-00-5	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1									
1,1,2-Trichloroethane	79-00-5	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
1,1,2-Trichloroethane	79-00-5	ug/L	10/25/2009	<2		<1	<2	<2	<1	<1			<2	<2	<2	<1			<1	<1									
1,1,2-Trichloroethane	79-00-5	ug/L	1/2/2010										<1	<1	<1	<1			<1	<1									
1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
1,1,2-Trichloroethane	79-00-5	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
1,1,2-Trichloroethane	79-00-5	ug/L	7/8/2010									<1					<1	<1											
1,1,2-Trichloroethane	79-00-5	ug/L	9/13/2010									<1					<1	<1											
1,1,2-Trichloroethane	79-00-5	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
1,1,2-Trichloroethane	79-00-5	ug/L	1/10/2011									<1					<1	<1											
1,1,2-Trichloroethane	79-00-5	ug/L	4/4/2011									<1					<1	<1											
1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2011																							<1			
1,1,2-Trichloroethane	79-00-5	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
1,1,2-Trichloroethane	79-00-5	ug/L	12/5/2011				<1													<1						<1			
1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
1,1,2-Trichloroethane	79-00-5	ug/L	6/25/2012				<1			<1																<1	<1		
1,1,2-Trichloroethane	79-00-5	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2012	<2		<1	<1	<1	<1		<1	<2		<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,1,2-Trichloroethane	79-00-5	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
1,1,2-Trichloroethane	79-00-5	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,1,2-Trichloroethane	79-00-5	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
1,1,2-Trichloroethane	79-00-5	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	4/8/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2018											<1					<1	<1									
1,1,2-Trichloroethane	79-00-5	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
1,1,2-Trichloroethane	79-00-5	ug/L	4/25/2018						<1																				
1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2018			<1	<1	<1										<1											
1,1,2-Trichloroethane	79-00-5	ug/L	5/1/2018								<1										<1	<1							
1,1,2-Trichloroethane	79-00-5	ug/L	5/2/2018																				<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	6/24/2020		<1																								
1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	1/21/2021		<1																								
1,1,2-Trichloroethane	79-00-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/9/2024		<1.00								<1.00														<1.00		
1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	10/15/2024																				<1.00		<1.00				
1,1,2-Trichloroethane	79-00-5	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2025													<1.00													
1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
1,1,2-Trichloroethane	79-00-5	ug/L	5/5/2025						<1.00																			<1.00	
1,1,2-Trichloroethane	79-00-5	ug/L	5/6/2025										<1.00		<1.00														
1,1,2-Trichloroethane	79-00-5	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2025			<1.00		<1.00																					<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
1,1,2-Trichloroethane	79-00-5	ug/L	5/11/2026						<1.00																		<1.00		
1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2026							<1.00	<1.00							<1.00			<1.00								
1,1,2-Trichloroethane	79-00-5	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,1-Dichloroethane	75-34-3	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,1-Dichloroethane	75-34-3	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
1,1-Dichloroethane	75-34-3	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
1,1-Dichloroethane	75-34-3	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
1,1-Dichloroethane	75-34-3	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
1,1-Dichloroethane	75-34-3	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,1-Dichloroethane	75-34-3	ug/L	7/7/2009							<1			6.37	<1	<1	<1			<1	<1									
1,1-Dichloroethane	75-34-3	ug/L	9/2/2009							<1			3.35	<1	<1	<1			<1	<1									
1,1-Dichloroethane	75-34-3	ug/L	10/25/2009	<1		<1	<1	<1	<1	<1			1.03	<1	<1	<1			<1	<1									
1,1-Dichloroethane	75-34-3	ug/L	1/2/2010							<1			1.07	<1	<1	<1			<1	<1									
1,1-Dichloroethane	75-34-3	ug/L	3/3/2010									<1	3.32	<1	<1	<1	<1	<1	<1	<1									
1,1-Dichloroethane	75-34-3	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1									
1,1-Dichloroethane	75-34-3	ug/L	7/8/2010							<1							<1	<1											
1,1-Dichloroethane	75-34-3	ug/L	9/13/2010							<1			<1				<1	<1											
1,1-Dichloroethane	75-34-3	ug/L	11/1/2010	<1		<1		<1	<1	<1				<1	<1	<1													
1,1-Dichloroethane	75-34-3	ug/L	1/10/2011							<1		<1					<1	<1											
1,1-Dichloroethane	75-34-3	ug/L	4/4/2011							<1		<1					<1	<1											
1,1-Dichloroethane	75-34-3	ug/L	8/11/2011																							<1			
1,1-Dichloroethane	75-34-3	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
1,1-Dichloroethane	75-34-3	ug/L	12/5/2011				<1													<1						<1			
1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	1.1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
1,1-Dichloroethane	75-34-3	ug/L	6/25/2012					<1		<1																<1	<1		
1,1-Dichloroethane	75-34-3	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
1,1-Dichloroethane	75-34-3	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,1-Dichloroethane	75-34-3	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
1,1-Dichloroethane	75-34-3	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,1-Dichloroethane	75-34-3	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	2.45	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
1,1-Dichloroethane	75-34-3	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	0.876J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	0.273J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	1.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	4/20/2018											<1					<1	<1									
1,1-Dichloroethane	75-34-3	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
1,1-Dichloroethane	75-34-3	ug/L	4/25/2018						<1																				
1,1-Dichloroethane	75-34-3	ug/L	4/30/2018			<1	<1	<1										<1											
1,1-Dichloroethane	75-34-3	ug/L	5/1/2018								<1										<1	<1							
1,1-Dichloroethane	75-34-3	ug/L	5/2/2018																				<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	<1	1.19	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	6/24/2020		1																								
1,1-Dichloroethane	75-34-3	ug/L	10/7/2020	<1	0.927J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	1/21/2021		<1																								
1,1-Dichloroethane	75-34-3	ug/L	4/13/2021	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	10/20/2021		0.5J			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	5/2/2022		0.8J			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/14/2022		0.4J			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	5/1/2023	<1	0.523J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/16/2023		0.468J			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/29/2024		0.528J			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/9/2024		0.481J								0.416J														<1.00		
1,1-Dichloroethane	75-34-3	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
1,1-Dichloroethane	75-34-3	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
1,1-Dichloroethane	75-34-3	ug/L	10/15/2024																				<1.00		<1.00				
1,1-Dichloroethane	75-34-3	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,1-Dichloroethane	75-34-3	ug/L	4/24/2025													<1.00													
1,1-Dichloroethane	75-34-3	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
1,1-Dichloroethane	75-34-3	ug/L	5/5/2025						<1.00																			<1.00	
1,1-Dichloroethane	75-34-3	ug/L	5/6/2025										<1.00		<1.00														
1,1-Dichloroethane	75-34-3	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
1,1-Dichloroethane	75-34-3	ug/L	5/8/2025			<1.00		<1.00																					<1.00
1,1-Dichloroethane	75-34-3	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
1,1-Dichloroethane	75-34-3	ug/L	5/11/2026						<1.00																		<1.00		
1,1-Dichloroethane	75-34-3	ug/L	5/12/2026							<1.00	<1.00							<1.00			<1.00								
1,1-Dichloroethane	75-34-3	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,1-Dichloroethane	75-34-3	ug/L	10/22/2025		<1.00				<1.00			<1.00	<1.00													<1.00	<1.00	<1.00	
1,1-Dichloroethane	75-34-3	ug/L	10/21/2025						<1.00																				
1,1-Dichloroethane	75-34-3	ug/L	10/22/2025		<1.00							<1.00	<1.00													<1.00	<1.00	<1.00	
1,1-Dichloroethane	75-34-3	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
1,1-Dichloroethane	75-34-3	ug/L	10/24/2025																										<1.00

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
1,1-Dichloroethane	75-34-3	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
1,1-Dichloroethane	75-34-3	ug/L	5/5/2026		0.961				<1.00				<1.00															<1.00	
1,1-Dichloroethane	75-34-3	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
1,1-Dichloroethane	75-34-3	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,1-Dichloroethene	75-35-4	ug/L	2/27/2008	<2		<2	<2	<2	<2	<2																			
1,1-Dichloroethene	75-35-4	ug/L	5/12/2008	<2		<2	<2	<2	<2	<2																			
1,1-Dichloroethene	75-35-4	ug/L	7/13/2008	<2		<2	<2	<2	<2	<2																			
1,1-Dichloroethene	75-35-4	ug/L	9/14/2008	<2		<2	<2	<2	<2	<2																			
1,1-Dichloroethene	75-35-4	ug/L	11/17/2008	<2		<2	<2	<2	<2	<2																			
1,1-Dichloroethene	75-35-4	ug/L	4/14/2009	<2		<2	<2	<2	<2	<2																			
1,1-Dichloroethene	75-35-4	ug/L	7/7/2009							<2			<2	<2	<2	<2			<2	<2									
1,1-Dichloroethene	75-35-4	ug/L	9/2/2009							<2			<2	<2	<2	<2			<2	<2									
1,1-Dichloroethene	75-35-4	ug/L	10/25/2009	<2		<2	<2	<2	<2	<2			<2	<2	<2	<2			<2	<2									
1,1-Dichloroethene	75-35-4	ug/L	1/2/2010							<2			<2	<2	<2	<2			<2	<2									
1,1-Dichloroethene	75-35-4	ug/L	3/3/2010									<2	<2	<2	<2	<2	<2	<2	<2	<2									
1,1-Dichloroethene	75-35-4	ug/L	5/10/2010	<2		<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2									
1,1-Dichloroethene	75-35-4	ug/L	7/8/2010									<2					<2	<2											
1,1-Dichloroethene	75-35-4	ug/L	9/13/2010									<2					<2	<2											
1,1-Dichloroethene	75-35-4	ug/L	11/1/2010	<2		<2	<2	<2	<2	<2			<2	<2	<2	<2													
1,1-Dichloroethene	75-35-4	ug/L	1/10/2011									<2					<2	<2											
1,1-Dichloroethene	75-35-4	ug/L	4/4/2011							<2		<2					<2	<2											
1,1-Dichloroethene	75-35-4	ug/L	8/11/2011																							<2			
1,1-Dichloroethene	75-35-4	ug/L	10/13/2011	<2		<2		<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2							<2			
1,1-Dichloroethene	75-35-4	ug/L	12/5/2011				<2													<2						<2			
1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	<2		<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2						<2	<2		
1,1-Dichloroethene	75-35-4	ug/L	6/25/2012				<2			<2																<2	<2		
1,1-Dichloroethene	75-35-4	ug/L	8/1/2012							<2	<2										<2	<2	<2	<2	<2	<2	<2		
1,1-Dichloroethene	75-35-4	ug/L	10/11/2012	<2		<2	<2	<2	<2		<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		
1,1-Dichloroethene	75-35-4	ug/L	12/13/2012								<2										<2	<2	<2	<2	<2		<2		
1,1-Dichloroethene	75-35-4	ug/L	2/4/2013								<2										<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	3/30/2013	<2		<2	<2	<2	<2		<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		
1,1-Dichloroethene	75-35-4	ug/L	7/10/2013																		<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	10/7/2013	<2		<2			<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2			<2	
1,1-Dichloroethene	75-35-4	ug/L	6/2/2014	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	10/15/2014	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	4/6/2015	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	10/5/2015	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	4/4/2016	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	10/17/2016	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	4/17/2017	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	10/11/2017	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	4/20/2018											<2					<2	<2									
1,1-Dichloroethene	75-35-4	ug/L	4/23/2018	<2								<2	<2		<2	<2	<2												
1,1-Dichloroethene	75-35-4	ug/L	4/25/2018						<2																				
1,1-Dichloroethene	75-35-4	ug/L	4/30/2018			<2	<2	<2										<2											
1,1-Dichloroethene	75-35-4	ug/L	5/1/2018								<2										<2	<2							
1,1-Dichloroethene	75-35-4	ug/L	5/2/2018																				<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	10/16/2018	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	4/16/2019	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	10/1/2019	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	6/24/2020		<2																								
1,1-Dichloroethene	75-35-4	ug/L	10/7/2020	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	1/21/2021		<1																								
1,1-Dichloroethene	75-35-4	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1-Dichloroethene	75-35-4	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	75-35-4	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	75-35-4	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	75-35-4	ug/L	5/1/2023	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/16/2023		<2			<2	<2			<2	<2								<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/29/2024		<2			<2	<2	<2	<2	<2	<2								<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/9/2024		<2.00								<2.00														<2.00		
1,1-Dichloroethene	75-35-4	ug/L	10/10/2024						<2.00			<2.00														<2.00		
1,1-Dichloroethene	75-35-4	ug/L	10/14/2024																		<2.00	<2.00		<2.00					<2.00
1,1-Dichloroethene	75-35-4	ug/L	10/15/2024																				<2.00		<2.00				
1,1-Dichloroethene	75-35-4	ug/L	4/23/2025	<2.00										<2.00					<2.00										
1,1-Dichloroethene	75-35-4	ug/L	4/24/2025													<2.00													
1,1-Dichloroethene	75-35-4	ug/L	4/30/2025		<2.00							<2.00														<2.00	<2.00		
1,1-Dichloroethene	75-35-4	ug/L	5/5/2025						<2.00																			<2.00	
1,1-Dichloroethene	75-35-4	ug/L	5/6/2025										<2.00		<2.00														
1,1-Dichloroethene	75-35-4	ug/L	5/7/2025				<2.00													<2.00	<2.00	<2.00	<2.00						
1,1-Dichloroethene	75-35-4	ug/L	5/8/2025			<2.00		<2.00																					<2.00
1,1-Dichloroethene	75-35-4	ug/L	5/9/2025							<2.00	<2.00													<2.00	<2.00				
1,1-Dichloroethene	75-35-4	ug/L	10/21/2025						<2.00																	<2.00	<2.00	<2.00	
1,1-Dichloroethene	75-35-4	ug/L	10/22/2025		<2.00							<2.00	<2.00																
1,1-Dichloroethene	75-35-4	ug/L	10/23/2025					<2.00													<2.00	<2.00	<2.00	<2.00	<2.00				
1,1-Dichloroethene	75-35-4	ug/L	10/24/2025																										<2.00
1,1-Dichloroethene	75-35-4	ug/L	5/4/2026									<2.00					<2.00									<2.00	<2.00		
1,1-Dichloroethene	75-35-4	ug/L	5/5/2026		<2.00				<2.00				<2.00															<2.00	
1,1-Dichloroethene	75-35-4	ug/L	5/6/2026							<2.00	<2.00							<2.00			<2.00								
1,1-Dichloroethene	75-35-4	ug/L	5/8/2026					<2.00														<2.00	<2.00	<2.00	<2.00				<2.00
1,1-Dichloropropene	563-58-6	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,1-Dichloropropene	563-58-6	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
1,1-Dichloropropene	563-58-6	ug/L	4/4/2011									<1					<1	<1											
1,1-Dichloropropene	563-58-6	ug/L	10/11/2012								<1																		
1,1-Dichloropropene	563-58-6	ug/L	3/30/2013																							<1	<1		
1,1-Dichloropropene	563-58-6	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,1-Dichloropropene	563-58-6	ug/L	10/5/2015	<1		<1	<1	<1	<1				<1	<1	<1	<1			<1	<1									
1,1-Dichloropropene	563-58-6	ug/L	4/4/2016									<1					<1	<1											
1,1-Dichloropropene	563-58-6	ug/L	5/1/2018																		<1	<1							
1,1-Dichloropropene	563-58-6	ug/L	5/2/2018																				<1	<1	<1				
1,1-Dichloropropene	563-58-6	ug/L	3/30/2020	<1		<1	<1	<1	<1				<1	<1	<1	<1			<1	<1									
1,1-Dichloropropene	563-58-6	ug/L	6/24/2020		<1																								
1,1-Dichloropropene	563-58-6	ug/L	10/20/2021		<1							<1					<1	<1											
1,1-Dichloropropene	563-58-6	ug/L	5/1/2023																		<1	<1	<1	<1	<1				
1,1-Dichloropropene	563-58-6	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,1-Dichloropropene	563-58-6	ug/L	4/24/2025													<1.00													
1,1-Dichloropropene	563-58-6	ug/L	5/5/2025						<1.00																				
1,1-Dichloropropene	563-58-6	ug/L	5/6/2025										<1.00		<1.00														
1,1-Dichloropropene	563-58-6	ug/L	5/7/2025				<1.00														<1.00								
1,1-Dichloropropene	563-58-6	ug/L	5/8/2025			<1.00		<1.00																					
1,1-Dichloropropene	563-58-6	ug/L	5/4/2026														<1.00												
1,1-Dichloropropene	563-58-6	ug/L	5/6/2026															<1.00											
1,2,3-Trichloropropane	96-18-4	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
1,2,3-Trichloropropane	96-18-4	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
1,2,3-Trichloropropane	96-18-4	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,2,3-Trichloropropane	96-18-4	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1									
1,2,3-Trichloropropane	96-18-4	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
1,2,3-Trichloropropane	96-18-4	ug/L	10/25/2009	<2		<1	<2	<2	<1	<1			<2	<2	<2	<1			<1	<1									
1,2,3-Trichloropropane	96-18-4	ug/L	1/2/2010										<1	<1	<1	<1			<1	<1									
1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2010									<2	<2	<2	<2	<2	<2	<2	<2	<2									
1,2,3-Trichloropropane	96-18-4	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1									
1,2,3-Trichloropropane	96-18-4	ug/L	7/8/2010										<1				<1	<1											
1,2,3-Trichloropropane	96-18-4	ug/L	9/13/2010										<1				<1	<1											
1,2,3-Trichloropropane	96-18-4	ug/L	11/1/2010	<1		<1		<1	<1	<1				<1	<1	<1													
1,2,3-Trichloropropane	96-18-4	ug/L	1/10/2011										<1				<1	<1											
1,2,3-Trichloropropane	96-18-4	ug/L	4/4/2011										<1				<1	<1											
1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2011																							<1			
1,2,3-Trichloropropane	96-18-4	ug/L	10/13/2011	<1		<1		<4	<4	<1			<1	<1	<1	<1	<1	<1	<4	<4						<4			
1,2,3-Trichloropropane	96-18-4	ug/L	12/5/2011				<1														<1					<1			
1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
1,2,3-Trichloropropane	96-18-4	ug/L	6/25/2012				<1			<1																<1	<1		
1,2,3-Trichloropropane	96-18-4	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
1,2,3-Trichloropropane	96-18-4	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
1,2,3-Trichloropropane	96-18-4	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,2,3-Trichloropropane	96-18-4	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
1,2,3-Trichloropropane	96-18-4	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2018											<1					<1	<1									
1,2,3-Trichloropropane	96-18-4	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
1,2,3-Trichloropropane	96-18-4	ug/L	4/25/2018						<1																				
1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2018			<1	<1	<1										<1											
1,2,3-Trichloropropane	96-18-4	ug/L	5/1/2018								<1										<1	<1							
1,2,3-Trichloropropane	96-18-4	ug/L	5/2/2018																				<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	6/24/2020		<1																								
1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	1/21/2021		<1																								
1,2,3-Trichloropropane	96-18-4	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/9/2024		<1.00								<1.00														<1.00		
1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024						<1.00			<1.00													<1.00		<1.00		
1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	10/15/2024																				<1.00		<1.00				
1,2,3-Trichloropropane	96-18-4	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2025													<1.00													
1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025		<1.00							<1.00													<1.00	<1.00			
1,2,3-Trichloropropane	96-18-4	ug/L	5/5/2025						<1.00																		<1.00		
1,2,3-Trichloropropane	96-18-4	ug/L	5/6/2025										<1.00		<1.00														
1,2,3-Trichloropropane	96-18-4	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2025			<1.00		<1.00																					<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
1,2,3-Trichloropropane	96-18-4	ug/L	10/22/2025		<1.00							<1.00	<1.00																
1,2,3-Trichloropropane	96-18-4	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
1,2,3-Trichloropropane	96-18-4	ug/L	10/24/2025																										<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
1,2,3-Trichloropropane	96-18-4	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
1,2,3-Trichloropropane	96-18-4	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
1,2,3-Trichloropropane	96-18-4	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/4/2011									<10					<10	<10											
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/30/2013																							<10	<10		
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/2/2014																					<10.1					
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/15/2014																					<10					
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/4/2016									<10					<10	<10											
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/1/2018																		<10.4	<10.3							
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	6/24/2020		<10.4																								
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/20/2021		<8							<8					<8	<8											
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/24/2025													<10.4													
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/5/2025						<10.2																				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/6/2025										<10.4		<10.6														
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/7/2025				<10.2													<10.6									
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/8/2025			<9.80		<10.6																					
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/4/2026														<10.9												
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/6/2026															<10.4											
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/14/2009	<5		<5	<5	<5	<5	<5																			
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/4/2011									<5					<5	<5											
1,2,4-Trichlorobenzene	120-82-1	ug/L	10/11/2012								<5																		
1,2,4-Trichlorobenzene	120-82-1	ug/L	3/30/2013																							<5	<5		
1,2,4-Trichlorobenzene	120-82-1	ug/L	7/10/2013																		<5	<5	<5	<5	<5				
1,2,4-Trichlorobenzene	120-82-1	ug/L	10/5/2015	<5		<5	<5	<5	<5				<5	<5	<5	<5			<5	<5									
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/4/2016									<5					<5	<5											
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/1/2018																		<5	<5							
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/2/2018																				<5	<5	<5				
1,2,4-Trichlorobenzene	120-82-1	ug/L	3/30/2020	<5		<5	<5	<5	<5				<5	<5	<5	<5			<5	<5									
1,2,4-Trichlorobenzene	120-82-1	ug/L	6/24/2020		<5																								
1,2,4-Trichlorobenzene	120-82-1	ug/L	10/20/2021		<1							<1					<1	<1											
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/1/2023																		<5	<5	<5	<5	<5				
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/23/2025	<5.00										<5.00					<5.00										
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/24/2025													<5.00													
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/5/2025						<5.00																				
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/6/2025										<5.00		<5.00														
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/7/2025				<5.00													<5.00									
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/8/2025			<5.00		<5.00																					
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/4/2026														<5.00												
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/6/2026															<5.00											
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/27/2008	<10		<10	<10	<10	<10	<10																			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2008	<10		<10	<10	<10	<10	<10																			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/13/2008	<10		<10	<10	<10	<10	<10																			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/14/2008	<10		<10	<10	<10	<10	<10																			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/17/2008	<10		<10	<10	<10	<10	<10																			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/7/2009										<10	<10	<10	<10			<10	<10									
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/2/2009										<10	<10	<10	<10			<10	<10									
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/25/2009	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/2/2010										<10	<10	<10	<10			<10	<10									
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/3/2010									<10	<10	<10	<10	<10	<10	<10	<10	<10									
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10									
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/8/2010									<10					<10	<10											
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/13/2010									<10					<10	<10											
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/1/2010	<10		<10		<10	<10	<10			<10	<10	<10	<10													
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/10/2011									<10					<10	<10											
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/4/2011									<10					<10	<10											
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/11/2011																							<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/13/2011	<10		<10		<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10							<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/5/2011				<10													<10						<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/11/2012	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10						<10	<10		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/25/2012					<10		<10																<10	<10		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/1/2012							<10	<10										<10	<10	<10	<10	<10	<10	<10		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2012	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/13/2012								<10										<10	<10	<10	<10	<10		<10		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/4/2013								<10										<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2013	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2013	<10		<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	<10	<10	<10	<10		<10		

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/2/2014	<0.12		<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/15/2014	<0.12		<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/6/2015	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/5/2015	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/4/2016	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/17/2016	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/17/2017	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2017	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2018										<0.5						<0.5	<0.5									
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/23/2018	<0.5								<0.5	<0.5		<0.5	<0.5	<0.5												
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/25/2018						<0.5																				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2018			<0.5	<0.5	<0.5										<0.5											
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/1/2018								<0.5										<0.5	<0.5							
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/2/2018																				<0.5	<0.5	<0.5				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/16/2018	<1.2		<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/16/2019	<1.2		<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/1/2019	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2020	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/24/2020		<1.2																								
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2020	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/21/2021		<5																								
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/13/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/20/2021		<1			<0.02	<0.02			<1	<0.02				<1	<1			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/2/2022		<0.02			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02								<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2022		<0.02; <5			<0.02	<0.02			<5; <0.02	<5; <0.02								<0.02	<0.02	<0.02	<0.02	<0.02	<0.02; <5	<5; <0.02	<0.02	<0.02
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/1/2023	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2			<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/16/2023		<1.2			<1.2	<1.2			<1.2	<1.2								<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2024		<1.2			<1.2	<1.2	<1.2	<1.2	<1.2	<1.2								<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/9/2024		<1.20								<1.20														<1.20		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024						<1.20			<1.20													<1.20		<1.20	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2024																		<1.20	<1.20		<1.20					<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/15/2024																				<1.20		<1.20				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/23/2025	<1.20										<1.20					<1.20										
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/24/2025													<1.20													
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025		<1.20							<1.20														<1.20	<1.20		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/5/2025						<1.20																			<1.20	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/6/2025										<1.20		<1.20														
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/7/2025				<1.20													<1.20	<1.20	<1.20	<1.20						
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2025			<1.20		<1.20																					<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/9/2025							<1.20	<1.20													<1.20	<1.20				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/21/2025						<1.20																	<1.20	<1.20	<1.20	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/22/2025		<1.20							<1.20	<1.20																
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/23/2025					<1.20													<1.20	<1.20	<1.20	<1.20	<1.20				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/24/2025																										<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/4/2026									<1.20					<1.20									<1.20	<1.20		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/5/2026		<1.20				<1.20				<1.20															<1.20	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/6/2026							<1.20	<1.20							<1.20			<1.20								
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/8/2026					<1.20														<1.20	<1.20	<1.20	<1.20				<1.20
1,2-Dibromoethane (EDB)	106-93-4	ug/L	2/27/2008	<10		<10	<10	<10	<10	<10																			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/12/2008	<10		<10	<10	<10	<10	<10																			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	7/13/2008	<10		<10	<10	<10	<10	<10																			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	9/14/2008	<10		<10	<10	<10	<10	<10																			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	11/17/2008	<10		<10	<10	<10	<10	<10																			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	7/7/2009										<10	<10	<10	<10			<10	<10									
1,2-Dibromoethane (EDB)	106-93-4	ug/L	9/2/2009										<10	<10	<10	<10			<10	<10									
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/25/2009	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
1,2-Dibromoethane (EDB)	106-93-4	ug/L	1/2/2010										<10	<10	<10	<10			<10	<10									
1,2-Dibromoethane (EDB)	106-93-4	ug/L	3/3/2010									<10	<10	<10	<10	<10	<10	<10	<10	<10									
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10									
1,2-Dibromoethane (EDB)	106-93-4	ug/L	7/8/2010									<10					<10	<10											
1,2-Dibromoethane (EDB)	106-93-4	ug/L	9/13/2010									<10					<10	<10											
1,2-Dibromoethane (EDB)	106-93-4	ug/L	11/1/2010	<10		<10		<10	<10	<10			<10	<10	<10	<10													
1,2-Dibromoethane (EDB)	106-93-4	ug/L	1/10/2011									<10					<10	<10											
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/4/2011									<10					<10	<10											
1,2-Dibromoethane (EDB)	106-93-4	ug/L	8/11/2011																							<10			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/13/2011	<10		<10		<10	<10	<10		<10	<10	<10	<10	<10		<10	<10							<10			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	12/5/2011				<10													<10						<10			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/11/2012	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10						<10	<10		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	6/25/2012				<10			<10																<10	<10		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	8/1/2012							<10	<10										<10	<10	<10	<10	<10	<10	<10		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/11/2012	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	12/13/2012								<10										<10	<10	<10	<10	<10		<10		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	2/4/2013								<10										<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	3/30/2013	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/7/2013	<10		<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	<10	<10	<10	<10		<10		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	6/2/2014	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/15/2014	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/6/2015	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/5/2015	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/4/2016	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/17/2016	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/17/2017	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/11/2017	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/20/2018										<0.13						<0.13	<0.13									
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/23/2018	<0.13								<0.13	<0.13		<0.13	<0.13	<0.13												
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/25/2018						<0.13																				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/30/2018			<0.13	<0.13	<0.13										<0.13											
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/1/2018								<0.13										<0.13	<0.13							
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/2/2018																				<0.13	<0.13	<0.13				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/16/2018	<0.34		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/16/2019	<0.34		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/1/2019	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	3/30/2020	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	6/24/2020		<0.34																								
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/7/2020	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	1/21/2021		<0.02																								
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/13/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/20/2021		<1			<0.02	<0.02			<1	<0.02				<1	<1			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/2/2022		<0.02			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02								<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/14/2022		<0.02			<0.02	<0.02			<0.02	<0.02								<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/1/2023	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34			<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/16/2023		<0.34			<0.34	<0.34			<0.34	<0.34								<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/29/2024		<0.34			<0.34	<0.34	<0.34	<0.34	<0.34	<0.34								<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/9/2024		<0.340								<0.340														<0.340		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/10/2024						<0.340			<0.340													<0.340		<0.340	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/14/2024																		<0.340	<0.340		<0.340					<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/15/2024																				<0.340		<0.340				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/23/2025	<0.340										<0.340					<0.340										
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/24/2025													<0.340													
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/30/2025		<0.340							<0.340														<0.340	<0.340		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/5/2025						<0.340																			<0.340	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/6/2025										<0.340		<0.340														
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/7/2025				<0.340													<0.340	<0.340	<0.340	<0.340						
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/8/2025			<0.340		<0.340																					<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/9/2025							<0.340	<0.340													<0.340	<0.340				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/21/2025						<0.340																	<0.340	<0.340	<0.340	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/22/2025		<0.340							<0.340	<0.340																
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/23/2025					<0.340													<0.340	<0.340	<0.340	<0.340	<0.340				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/24/2025																										<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/4/2026									<0.340					<0.340									<0.340	<0.340		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/5/2026		<0.340				<0.340				<0.340															<0.340	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/8/2026					<0.340		<0.340	<0.340							<0.340			<0.340								
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/8/2026					<0.340														<0.340	<0.340	<0.340	<0.340				<0.340
1,2-Dichlorobenzene	95-50-1	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
1,2-Dichlorobenzene	95-50-1	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																<1			
1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																<1			
1,2-Dichlorobenzene	95-50-1	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																<1			
1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																<1			
1,2-Dichlorobenzene	95-50-1	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1						<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1						<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/25/2009	<2		<1	<2	<2	<1	<1			<2	<2	<2	<1			<1	<1						<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	1/2/2010										<1	<1	<1	<1			<1	<1						<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1						<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	7/8/2010									<1					<1	<1											
1,2-Dichlorobenzene	95-50-1	ug/L	9/13/2010									<1					<1	<1											
1,2-Dichlorobenzene	95-50-1	ug/L	1/1/2010	<1		<1		<1	<1	<2			<1	<1	<1														
1,2-Dichlorobenzene	95-50-1	ug/L	1/10/2011									<4					<4	<4											
1,2-Dichlorobenzene	95-50-1	ug/L	4/4/2011									<1					<1	<1											
1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2011																							<1			
1,2-Dichlorobenzene	95-50-1	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
1,2-Dichlorobenzene	95-50-1	ug/L	12/5/2011				<1													<1						<1			
1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
1,2-Dichlorobenzene	95-50-1	ug/L	6/25/2012				<1			<1																<1	<1		
1,2-Dichlorobenzene	95-50-1	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,2-Dichlorobenzene	95-50-1	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
1,2-Dichlorobenzene	95-50-1	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,2-Dichlorobenzene	95-50-1	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2013	<1		<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
1,2-Dichlorobenzene	95-50-1	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2018											<1					<1	<1									
1,2-Dichlorobenzene	95-50-1	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
1,2-Dichlorobenzene	95-50-1	ug/L	4/25/2018						<1																				
1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2018			<1	<1	<1										<1											
1,2-Dichlorobenzene	95-50-1	ug/L	5/1/2018								<1										<1	<1							
1,2-Dichlorobenzene	95-50-1	ug/L	5/2/2018																				<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	6/24/2020		<1																								
1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	1/21/2021		<1																								
1,2-Dichlorobenzene	95-50-1	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	10/20/2021		<1				<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	5/2/2022		<1				<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2022		<1				<1	<1		<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2023		<1				<1	<1		<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2024		<1				<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/9/2024		<1.00								<1.00														<1.00		
1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	10/15/2024																				<1.00		<1.00				
1,2-Dichlorobenzene	95-50-1	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2025													<1.00													
1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
1,2-Dichlorobenzene	95-50-1	ug/L	5/5/2025						<1.00																			<1.00	
1,2-Dichlorobenzene	95-50-1	ug/L	5/6/2025										<1.00		<1.00														
1,2-Dichlorobenzene	95-50-1	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2025			<1.00		<1.00																					<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
1,2-Dichlorobenzene	95-50-1	ug/L	10/22/2025		<1.00							<1.00	<1.00																
1,2-Dichlorobenzene	95-50-1	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
1,2-Dichlorobenzene	95-50-1	ug/L	10/24/2025																										<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
1,2-Dichlorobenzene	95-50-1	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
1,2-Dichlorobenzene	95-50-1	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
1,2-Dichlorobenzene	95-50-1	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,2-Dichloroethane	107-06-2	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichloroethane	107-06-2	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichloroethane	107-06-2	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichloroethane	107-06-2	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichloroethane	107-06-2	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichloroethane	107-06-2	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,2-Dichloroethane	107-06-2	ug/L	7/7/2009							<1			<1	<1	<1	<1			<1	<1									
1,2-Dichloroethane	107-06-2	ug/L	9/2/2009							<1			<1	<1	<1	<1			<1	<1									
1,2-Dichloroethane	107-06-2	ug/L	10/25/2009	<2		<1	<2	<2	<1	<1			<2	<2	<2	<1			<1	<1									
1,2-Dichloroethane	107-06-2	ug/L	1/2/2010							<1			<1	<1	<1	<1			<1	<1									
1,2-Dichloroethane	107-06-2	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
1,2-Dichloroethane	107-06-2	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1									
1,2-Dichloroethane	107-06-2	ug/L	7/8/2010									<1					<1	<1											
1,2-Dichloroethane	107-06-2	ug/L	9/13/2010									<1					<1	<1											
1,2-Dichloroethane	107-06-2	ug/L	1/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
1,2-Dichloroethane	107-06-2	ug/L	1/10/2011									<1					<1	<1											
1,2-Dichloroethane	107-06-2	ug/L	4/4/2011							<1		<1					<1	<1											
1,2-Dichloroethane	107-06-2	ug/L	8/11/2011																							<1			
1,2-Dichloroethane	107-06-2	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
1,2-Dichloroethane	107-06-2	ug/L	12/5/2011				<1													<1						<1			
1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
1,2-Dichloroethane	107-06-2	ug/L	6/25/2012				<1			<1																<1	<1		
1,2-Dichloroethane	107-06-2	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
1,2-Dichloroethane	107-06-2	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,2-Dichloroethane	107-06-2	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
1,2-Dichloroethane	107-06-2	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,2-Dichloroethane	107-06-2	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	10/7/2013	<1		<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
1,2-Dichloroethane	107-06-2	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.339J	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.469J	0.43J	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	4/17/2017	0.188J		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.374J	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	4/20/2018											<1					<1	<1									
1,2-Dichloroethane	107-06-2	ug/L	4/23/2018	<1								<1	<1		0.204J	<1	<1												
1,2-Dichloroethane	107-06-2	ug/L	4/25/2018						<1																				
1,2-Dichloroethane	107-06-2	ug/L	4/30/2018			<1	<1	<1										<1											
1,2-Dichloroethane	107-06-2	ug/L	5/1/2018								<1										<1	<1							
1,2-Dichloroethane	107-06-2	ug/L	5/2/2018																				<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	6/24/2020		<1																								
1,2-Dichloroethane	107-06-2	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	1/21/2021		<1																								
1,2-Dichloroethane	107-06-2	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	10/20/2021		<1				<1	<1		<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
1,2-Dichloroethane	107-06-2	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/9/2024		<1.00								<1.00														<1.00		
1,2-Dichloroethane	107-06-2	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
1,2-Dichloroethane	107-06-2	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
1,2-Dichloroethane	107-06-2	ug/L	10/15/2024																				<1.00		<1.00				
1,2-Dichloroethane	107-06-2	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,2-Dichloroethane	107-06-2	ug/L	4/24/2025													<1.00													
1,2-Dichloroethane	107-06-2	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
1,2-Dichloroethane	107-06-2	ug/L	5/5/2025						<1.00																			<1.00	
1,2-Dichloroethane	107-06-2	ug/L	5/6/2025										<1.00		<1.00														
1,2-Dichloroethane	107-06-2	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
1,2-Dichloroethane	107-06-2	ug/L	5/8/2025			<1.00		<1.00																					<1.00
1,2-Dichloroethane	107-06-2	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
1,2-Dichloroethane	107-06-2	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
1,2-Dichloroethane	107-06-2	ug/L	10/22/2025		<1.00							<1.00	<1.00																
1,2-Dichloroethane	107-06-2	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
1,2-Dichloroethane	107-06-2	ug/L	10/24/2025																										<1.00
1,2-Dichloroethane	107-06-2	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
1,2-Dichloroethane	107-06-2	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
1,2-Dichloroethane	107-06-2	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
1,2-Dichloroethane	107-06-2	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,2-Dichloropropane	78-87-5	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichloropropane	78-87-5	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichloropropane	78-87-5	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichloropropane	78-87-5	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichloropropane	78-87-5	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
1,2-Dichloropropane	78-87-5	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,2-Dichloropropane	78-87-5	ug/L	7/7/2009							<1			<1	<1	<1	1.91			<1	<1									
1,2-Dichloropropane	78-87-5	ug/L	9/2/2009							<1			<1	<1	<1	<1			<1	<1									
1,2-Dichloropropane	78-87-5	ug/L	10/25/2009	<2		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
1,2-Dichloropropane	78-87-5	ug/L	1/2/2010							<1			<1	<1	<1	<1			<1	<1									
1,2-Dichloropropane	78-87-5	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
1,2-Dichloropropane	78-87-5	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
1,2-Dichloropropane	78-87-5	ug/L	7/8/2010									<1					<1	<1											
1,2-Dichloropropane	78-87-5	ug/L	9/13/2010									<1					<1	<1											
1,2-Dichloropropane	78-87-5	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
1,2-Dichloropropane	78-87-5	ug/L	1/10/2011									<1					<1	<1											
1,2-Dichloropropane	78-87-5	ug/L	4/4/2011							<1		<1					<1	<1											
1,2-Dichloropropane	78-87-5	ug/L	8/11/2011																							<1			
1,2-Dichloropropane	78-87-5	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	1.54	<1	<1	<1	<1						<1			
1,2-Dichloropropane	78-87-5	ug/L	12/5/2011				<1													<1						<1			
1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
1,2-Dichloropropane	78-87-5	ug/L	6/25/2012				<1			<1																<1	<1		
1,2-Dichloropropane	78-87-5	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
1,2-Dichloropropane	78-87-5	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,2-Dichloropropane	78-87-5	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
1,2-Dichloropropane	78-87-5	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,2-Dichloropropane	78-87-5	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
1,2-Dichloropropane	78-87-5	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	4/20/2018								<1				<1				<1	<1									
1,2-Dichloropropane	78-87-5	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
1,2-Dichloropropane	78-87-5	ug/L	4/25/2018						<1																				
1,2-Dichloropropane	78-87-5	ug/L	4/30/2018			<1	<1	<1										<1											
1,2-Dichloropropane	78-87-5	ug/L	5/1/2018								<1										<1	<1							
1,2-Dichloropropane	78-87-5	ug/L	5/2/2018																				<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	6/24/2020		<1																								
1,2-Dichloropropane	78-87-5	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	1/21/2021		<1																								
1,2-Dichloropropane	78-87-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	10/20/2021		<1			<1	<1	<1	<1	<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/9/2024		<1.00								<1.00														<1.00		
1,2-Dichloropropane	78-87-5	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
1,2-Dichloropropane	78-87-5	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
1,2-Dichloropropane	78-87-5	ug/L	10/15/2024																				<1.00		<1.00				
1,2-Dichloropropane	78-87-5	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,2-Dichloropropane	78-87-5	ug/L	4/24/2025													<1.00													
1,2-Dichloropropane	78-87-5	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
1,2-Dichloropropane	78-87-5	ug/L	5/5/2025						<1.00																			<1.00	
1,2-Dichloropropane	78-87-5	ug/L	5/6/2025										<1.00		<1.00														
1,2-Dichloropropane	78-87-5	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
1,2-Dichloropropane	78-87-5	ug/L	5/8/2025			<1.00		<1.00																					<1.00
1,2-Dichloropropane	78-87-5	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
1,2-Dichloropropane	78-87-5	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
1,2-Dichloropropane	78-87-5	ug/L	10/22/2025		<1.00							<1.00	<1.00																
1,2-Dichloropropane	78-87-5	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
1,2-Dichloropropane	78-87-5	ug/L	10/24/2025																										<1.00
1,2-Dichloropropane	78-87-5	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
1,2-Dichloropropane	78-87-5	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
1,2-Dichloropropane	78-87-5	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
1,2-Dichloropropane	78-87-5	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/4/2011									<10					<10	<10											
1,3,5-Trinitrobenzene	99-35-4	ug/L	3/30/2013																							<10	<10		
1,3,5-Trinitrobenzene	99-35-4	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
1,3,5-Trinitrobenzene	99-35-4	ug/L	6/2/2014																					<10.1					
1,3,5-Trinitrobenzene	99-35-4	ug/L	10/15/2014																					<10					
1,3,5-Trinitrobenzene	99-35-4	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/4/2016									<10					<10	<10											
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/1/2018																		<10.4	<10.3							
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
1,3,5-Trinitrobenzene	99-35-4	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
1,3,5-Trinitrobenzene	99-35-4	ug/L	6/24/2020		<10.4																								
1,3,5-Trinitrobenzene	99-35-4	ug/L	10/20/2021		<8							<8					<8	<8											
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/23/2025	<10.4										<10.4					<10.4										
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/24/2025													<10.4													
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/5/2025						<10.2																				
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/6/2025										<10.4		<10.6														
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/7/2025				<10.2													<10.6									
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/8/2025			<9.80		<10.6																					
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/4/2026														<10.9												
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/6/2026															<10.4											
1,3-Dichlorobenzene	541-73-1	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,3-Dichlorobenzene	541-73-1	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
1,3-Dichlorobenzene	541-73-1	ug/L	4/4/2011									<1					<1	<4											
1,3-Dichlorobenzene	541-73-1	ug/L	10/11/2012								<1																		
1,3-Dichlorobenzene	541-73-1	ug/L	3/30/2013																							<1	<1		
1,3-Dichlorobenzene	541-73-1	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,3-Dichlorobenzene	541-73-1	ug/L	10/5/2015	<1		<1	<1	<1	<1				<1	<1	<1	<1			<1	<1									
1,3-Dichlorobenzene	541-73-1	ug/L	4/4/2016									<1					<1	<1											
1,3-Dichlorobenzene	541-73-1	ug/L	5/1/2018																		<1	<1							
1,3-Dichlorobenzene	541-73-1	ug/L	5/2/2018																				<1	<1	<1				
1,3-Dichlorobenzene	541-73-1	ug/L	3/30/2020	<1		<1	<1	<1	<1				<1	<1	<1	<1			<1	<1									
1,3-Dichlorobenzene	541-73-1	ug/L	6/24/2020		<1																								
1,3-Dichlorobenzene	541-73-1	ug/L	10/20/2021		<1							<1					<1	<1											
1,3-Dichlorobenzene	541-73-1	ug/L	5/1/2023																		<1	<1	<1	<1	<1				
1,3-Dichlorobenzene	541-73-1	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,3-Dichlorobenzene	541-73-1	ug/L	4/24/2025													<1.00													
1,3-Dichlorobenzene	541-73-1	ug/L	5/5/2025						<1.00																				
1,3-Dichlorobenzene	541-73-1	ug/L	5/6/2025										<1.00		<1.00														
1,3-Dichlorobenzene	541-73-1	ug/L	5/7/2025				<1.00													<1.00									
1,3-Dichlorobenzene	541-73-1	ug/L	5/8/2025			<1.00		<1.00																					
1,3-Dichlorobenzene	541-73-1	ug/L	5/4/2026														<1.00												
1,3-Dichlorobenzene	541-73-1	ug/L	5/6/2026															<1.00											
1,3-Dichloropropane	142-28-9	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,3-Dichloropropane	142-28-9	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
1,3-Dichloropropane	142-28-9	ug/L	4/4/2011									<1					<1	<1											
1,3-Dichloropropane	142-28-9	ug/L	10/11/2012								<1																		
1,3-Dichloropropane	142-28-9	ug/L	3/30/2013																							<1	<1		
1,3-Dichloropropane	142-28-9	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,3-Dichloropropane	142-28-9	ug/L	10/5/2015	<1		<1	<1	<1	<1				<1	<1	<1	<1			<1	<1									
1,3-Dichloropropane	142-28-9	ug/L	4/4/2016									<1					<1	<1											
1,3-Dichloropropane	142-28-9	ug/L	5/1/2018																		<1	<1							
1,3-Dichloropropane	142-28-9	ug/L	5/2/2018																				<1	<1	<1				
1,3-Dichloropropane	142-28-9	ug/L	3/30/2020	<1		<1	<1	<1	<1				<1	<1	<1	<1			<1	<1									
1,3-Dichloropropane	142-28-9	ug/L	6/24/2020		<1																								
1,3-Dichloropropane	142-28-9	ug/L	10/20/2021		<1							<1					<1	<1											
1,3-Dichloropropane	142-28-9	ug/L	5/1/2023																		<1	<1	<1	<1	<1				
1,3-Dichloropropane	142-28-9	ug/L	4/23/2025	<1.00										<1.00					<1.00										
1,3-Dichloropropane	142-28-9	ug/L	4/24/2025													<1.00													
1,3-Dichloropropane	142-28-9	ug/L	5/5/2025						<1.00																				
1,3-Dichloropropane	142-28-9	ug/L	5/6/2025										<1.00		<1.00														
1,3-Dichloropropane	142-28-9	ug/L	5/7/2025				<1.00													<1.00									
1,3-Dichloropropane	142-28-9	ug/L	5/8/2025			<1.00		<1.00																					
1,3-Dichloropropane	142-28-9	ug/L	5/4/2026														<1.00												
1,3-Dichloropropane	142-28-9	ug/L	5/6/2026															<1.00											
1,3-Dinitrobenzene	99-65-0	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
1,3-Dinitrobenzene	99-65-0	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
1,3-Dinitrobenzene	99-65-0	ug/L	4/4/2011									<10					<10	<10											
1,3-Dinitrobenzene	99-65-0	ug/L	3/30/2013																							<10	<10		
1,3-Dinitrobenzene	99-65-0	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
1,3-Dinitrobenzene	99-65-0	ug/L	6/2/2014																					<10.1					
1,3-Dinitrobenzene	99-65-0	ug/L	10/15/2014																					<10					
1,3-Dinitrobenzene	99-65-0	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
1,3-Dinitrobenzene	99-65-0	ug/L	4/4/2016									<10					<10	<10											
1,3-Dinitrobenzene	99-65-0	ug/L	5/1/2018																		<10.4	<10.3							
1,3-Dinitrobenzene	99-65-0	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
1,3-Dinitrobenzene	99-65-0	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
1,3-Dinitrobenzene	99-65-0	ug/L	6/24/2020		<10.4																								
1,3-Dinitrobenzene	99-65-0	ug/L	10/20/2021		<8							<8					<8	<8											
1,3-Dinitrobenzene	99-65-0	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
1,3-Dinitrobenzene	99-65-0	ug/L	4/23/2025	<10.4										<10.4					<10.4										
1,3-Dinitrobenzene	99-65-0	ug/L	4/24/2025													<10.4													
1,3-Dinitrobenzene	99-65-0	ug/L	5/5/2025						<10.2																				
1,3-Dinitrobenzene	99-65-0	ug/L	5/6/2025										<10.4		<10.6														
1,3-Dinitrobenzene	99-65-0	ug/L	5/7/2025				<10.2													<10.6									
1,3-Dinitrobenzene	99-65-0	ug/L	5/8/2025			<9.80		<10.6																					
1,3-Dinitrobenzene	99-65-0	ug/L	5/4/2026														<10.9												
1,3-Dinitrobenzene	99-65-0	ug/L	5/6/2026															<10.4											
1,4-Dichlorobenzene	106-46-7	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
1,4-Dichlorobenzene	106-46-7	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
1,4-Dichlorobenzene	106-46-7	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
1,4-Dichlorobenzene	106-46-7	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
1,4-Dichlorobenzene	106-46-7	ug/L	7/7/2009										<1	<1	<1	1.34			<1	<1									
1,4-Dichlorobenzene	106-46-7	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
1,4-Dichlorobenzene	106-46-7	ug/L	10/25/2009	<2		<1	<2	<2	<1	<1			<2	<2	<2	<1			<1	<1									
1,4-Dichlorobenzene	106-46-7	ug/L	1/2/2010										<1	<1	<1	<1			<1	<1									
1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
1,4-Dichlorobenzene	106-46-7	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
1,4-Dichlorobenzene	106-46-7	ug/L	7/8/2010									<1					<1	<1											
1,4-Dichlorobenzene	106-46-7	ug/L	9/13/2010									<1					<1	<1											
1,4-Dichlorobenzene	106-46-7	ug/L	11/1/2010	<2		<1	<2	<2	<1				<2	<2	<2	<2													
1,4-Dichlorobenzene	106-46-7	ug/L	1/10/2011									<4					<4	<4											
1,4-Dichlorobenzene	106-46-7	ug/L	4/4/2011									<1					<1	<4											
1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2011																						<1				
1,4-Dichlorobenzene	106-46-7	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	1.44	<1	<1	<1						<1				
1,4-Dichlorobenzene	106-46-7	ug/L	12/5/2011				<1													<1					<1				
1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1					<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	6/25/2012					<1		<1															<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1			<1	<1	1.47	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,4-Dichlorobenzene	106-46-7	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,4-Dichlorobenzene	106-46-7	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
1,4-Dichlorobenzene	106-46-7	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.465J	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.361J	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.368J	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2018											<1					<1	<1									
1,4-Dichlorobenzene	106-46-7	ug/L	4/23/2018	<1								<1	<1		<1	0.208J	<1												
1,4-Dichlorobenzene	106-46-7	ug/L	4/25/2018						<1																				
1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2018			<1	<1	<1										<1											
1,4-Dichlorobenzene	106-46-7	ug/L	5/1/2018								<1										<1	<1							
1,4-Dichlorobenzene	106-46-7	ug/L	5/2/2018																				<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	6/24/2020		<1																								
1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.23J	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	1/21/2021		<1																								
1,4-Dichlorobenzene	106-46-7	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/9/2024		<1.00								<1.00														<1.00		
1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024						<1.00			<1.00													<1.00		<1.00	
1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	10/15/2024																				<1.00		<1.00				
1,4-Dichlorobenzene	106-46-7	ug/L	4/23/2025	<1.00										<1.00					<1.00										

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Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2025													<1.00													
1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
1,4-Dichlorobenzene	106-46-7	ug/L	5/5/2025						<1.00																			<1.00	
1,4-Dichlorobenzene	106-46-7	ug/L	5/6/2025										<1.00		<1.00														
1,4-Dichlorobenzene	106-46-7	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2025			<1.00		<1.00																					<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
1,4-Dichlorobenzene	106-46-7	ug/L	10/22/2025		<1.00							<1.00	<1.00																
1,4-Dichlorobenzene	106-46-7	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
1,4-Dichlorobenzene	106-46-7	ug/L	10/24/2025																										<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
1,4-Dichlorobenzene	106-46-7	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
1,4-Dichlorobenzene	106-46-7	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
1,4-Dichlorobenzene	106-46-7	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
1,4-Naphthoquinone	130-15-4	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
1,4-Naphthoquinone	130-15-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
1,4-Naphthoquinone	130-15-4	ug/L	4/4/2011									<10					<10	<10											
1,4-Naphthoquinone	130-15-4	ug/L	3/30/2013																							<10	<10		
1,4-Naphthoquinone	130-15-4	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
1,4-Naphthoquinone	130-15-4	ug/L	6/2/2014																					<10.1					
1,4-Naphthoquinone	130-15-4	ug/L	10/15/2014																					<10					
1,4-Naphthoquinone	130-15-4	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
1,4-Naphthoquinone	130-15-4	ug/L	4/4/2016									<10					<10	<10											
1,4-Naphthoquinone	130-15-4	ug/L	5/1/2018																		<10.4	<10.3							
1,4-Naphthoquinone	130-15-4	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
1,4-Naphthoquinone	130-15-4	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
1,4-Naphthoquinone	130-15-4	ug/L	6/24/2020		<10.4																								
1,4-Naphthoquinone	130-15-4	ug/L	10/20/2021		<8							<8					<8	<8											
1,4-Naphthoquinone	130-15-4	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
1,4-Naphthoquinone	130-15-4	ug/L	4/23/2025	<10.4										<10.4					<10.4										
1,4-Naphthoquinone	130-15-4	ug/L	4/24/2025													<10.4													
1,4-Naphthoquinone	130-15-4	ug/L	5/5/2025						<10.2																				
1,4-Naphthoquinone	130-15-4	ug/L	5/6/2025										<10.4		<10.6														
1,4-Naphthoquinone	130-15-4	ug/L	5/7/2025				<10.2													<10.6									
1,4-Naphthoquinone	130-15-4	ug/L	5/8/2025			<9.80		<10.6																					
1,4-Naphthoquinone	130-15-4	ug/L	5/9/2025														<10.9												
1,4-Naphthoquinone	130-15-4	ug/L	5/6/2026															<10.4											
1,4-Phenylenediamine	106-50-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
1,4-Phenylenediamine	106-50-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
1,4-Phenylenediamine	106-50-3	ug/L	4/4/2011									<10					<10	<10											
1,4-Phenylenediamine	106-50-3	ug/L	3/30/2013																							<10	<10		
1,4-Phenylenediamine	106-50-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
1,4-Phenylenediamine	106-50-3	ug/L	6/2/2014																					<10.1					
1,4-Phenylenediamine	106-50-3	ug/L	10/15/2014																					<10					
1,4-Phenylenediamine	106-50-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
1,4-Phenylenediamine	106-50-3	ug/L	4/4/2016									<10					<10	<10											
1,4-Phenylenediamine	106-50-3	ug/L	5/1/2018																		<10.4	<10.3							
1,4-Phenylenediamine	106-50-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
1,4-Phenylenediamine	106-50-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
1,4-Phenylenediamine	106-50-3	ug/L	6/24/2020		<10.4																								
1,4-Phenylenediamine	106-50-3	ug/L	10/20/2021		<8							<8					<8	<8											
1,4-Phenylenediamine	106-50-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
1,4-Phenylenediamine	106-50-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
1,4-phenylenediamine	106-50-3	ug/L	4/24/2025													<10.4													
1,4-phenylenediamine	106-50-3	ug/L	5/5/2025						<10.2																				
1,4-phenylenediamine	106-50-3	ug/L	5/6/2025										<10.4		<10.6														
1,4-phenylenediamine	106-50-3	ug/L	5/7/2025				<10.2													<10.6									
1,4-phenylenediamine	106-50-3	ug/L	5/8/2025			<9.80		<10.6																					
1,4-phenylenediamine	106-50-3	ug/L	5/4/2026														<10.9												
1,4-phenylenediamine	106-50-3	ug/L	5/6/2026															<10.4											
1-Naphthylamine	134-32-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
1-Naphthylamine	134-32-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
1-Naphthylamine	134-32-7	ug/L	4/4/2011									<10					<10	<10											
1-Naphthylamine	134-32-7	ug/L	3/30/2013																							<10	<10		
1-Naphthylamine	134-32-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
1-Naphthylamine	134-32-7	ug/L	6/2/2014																					<10.1					
1-Naphthylamine	134-32-7	ug/L	10/15/2014																					<10					
1-Naphthylamine	134-32-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
1-Naphthylamine	134-32-7	ug/L	4/4/2016									<10					<10	<10											
1-Naphthylamine	134-32-7	ug/L	5/1/2018																		<10.4	<10.3							
1-Naphthylamine	134-32-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
1-Naphthylamine	134-32-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
1-Naphthylamine	134-32-7	ug/L	6/24/2020		<10.4																								
1-Naphthylamine	134-32-7	ug/L	10/20/2021		<8							<8					<8	<8											
1-Naphthylamine	134-32-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
1-Naphthylamine	134-32-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
1-Naphthylamine	134-32-7	ug/L	4/24/2025													<10.4													
1-Naphthylamine	134-32-7	ug/L	5/5/2025						<10.2																				
1-Naphthylamine	134-32-7	ug/L	5/6/2025										<10.4		<10.6														
1-Naphthylamine	134-32-7	ug/L	5/7/2025				<10.2													<10.6									
1-Naphthylamine	134-32-7	ug/L	5/8/2025			<9.80		<10.6																					
2,2-Dichloropropane	594-20-7	ug/L	4/14/2009	<4		<4	<4	<4	<4	<4																			
2,2-Dichloropropane	594-20-7	ug/L	5/10/2010	<4		<4	<4	<4	<4	<4			<4	<4	<4	<4			<4	<4									
2,2-Dichloropropane	594-20-7	ug/L	4/4/2011									<4					<4	<4											
2,2-Dichloropropane	594-20-7	ug/L	10/11/2012								<4																		
2,2-Dichloropropane	594-20-7	ug/L	3/30/2013																							<4	<4		
2,2-Dichloropropane	594-20-7	ug/L	7/10/2013																		<4	<4	<4	<4	<4				
2,2-Dichloropropane	594-20-7	ug/L	10/5/2015	<4		<4	<4	<4	<4				<4	<4	<4	<4			<4	<4									
2,2-Dichloropropane	594-20-7	ug/L	4/4/2016									<4					<4	<4											
2,2-Dichloropropane	594-20-7	ug/L	5/1/2018																		<4	<4							
2,2-Dichloropropane	594-20-7	ug/L	5/2/2018																				<4	<4	<4				
2,2-Dichloropropane	594-20-7	ug/L	3/30/2020	<4		<4	<4	<4	<4				<4	<4	<4	<4			<4	<4									
2,2-Dichloropropane	594-20-7	ug/L	6/24/2020		<4																								
2,2-Dichloropropane	594-20-7	ug/L	10/20/2021		<1							<1					<1	<1											
2,2-Dichloropropane	594-20-7	ug/L	5/1/2023																		<4	<4	<4	<4	<4				
2,2-Dichloropropane	594-20-7	ug/L	4/23/2025	<4.00										<4.00					<4.00										
2,2-Dichloropropane	594-20-7	ug/L	4/24/2025													<4.00													
2,2-Dichloropropane	594-20-7	ug/L	5/5/2025						<4.00																				
2,2-Dichloropropane	594-20-7	ug/L	5/6/2025										<4.00		<4.00														
2,2-Dichloropropane	594-20-7	ug/L	5/7/2025				<4.00													<4.00									
2,2-Dichloropropane	594-20-7	ug/L	5/8/2025			<4.00		<4.00																					
2,2-Dichloropropane	594-20-7	ug/L	5/4/2026														<4.00												
2,2-Dichloropropane	594-20-7	ug/L	5/6/2026															<4.00											
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/4/2011									<10					<10	<10											
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/30/2013																							<10	<10		
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/2/2014																					<10.1					
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/15/2014																					<10					
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/4/2016									<10					<10	<10											
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/1/2018																		<10.4	<10.3							
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	6/24/2020		<10.4																								
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/20/2021		<8							<8					<8	<8											
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/24/2025													<10.4													
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/5/2025						<10.2																				
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/6/2025										<10.4		<10.6														
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/7/2025				<10.2													<10.6									
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/8/2025			<9.80		<10.6																					

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/4/2026														<10.9												
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/6/2026															<10.4												
2,4,5-T	93-76-5	ug/L	4/23/2025	<0.161										<0.166					<0.168										
2,4,5-T	93-76-5	ug/L	4/24/2025													<0.161													
2,4,5-T	93-76-5	ug/L	5/5/2025						<0.155																				
2,4,5-T	93-76-5	ug/L	5/6/2025										<0.167		<0.162														
2,4,5-T	93-76-5	ug/L	5/7/2025				<0.171													<0.158									
2,4,5-T	93-76-5	ug/L	5/8/2025			<0.160		<0.164																					
2,4,5-T	93-76-5	ug/L	5/4/2026														<0.100												
2,4,5-T	93-76-5	ug/L	5/6/2026															<0.100											
2,4,5-T [2C]	93-76-5	ug/L	4/14/2009	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2																			
2,4,5-T [2C]	93-76-5	ug/L	5/10/2010	<0.5		<0.5	<0.5	<0.5	<0.54	<0.5			<0.5	<0.5	<0.5	<0.5			<0.5	<0.5									
2,4,5-T [2C]	93-76-5	ug/L	4/4/2011									<0.5					<0.5	<0.54											
2,4,5-T [2C]	93-76-5	ug/L	10/11/2012								<1																		
2,4,5-T [2C]	93-76-5	ug/L	3/30/2013																							<1	<1		
2,4,5-T [2C]	93-76-5	ug/L	7/10/2013																		<1.06	<1.02	<1.02	<1.14	<1.09				
2,4,5-T [2C]	93-76-5	ug/L	10/5/2015	<1.02		<1.32	<1.1	<1.05	<1.02				<1.06	<1.02	<1.01	<1.02			<1	<1.02									
2,4,5-T [2C]	93-76-5	ug/L	4/4/2016									<1.04					<1.03	<1.01											
2,4,5-T [2C]	93-76-5	ug/L	5/1/2018																		<1.04	<1.03							
2,4,5-T [2C]	93-76-5	ug/L	5/2/2018																				<1.05	<1.11	<1.06				
2,4,5-T [2C]	93-76-5	ug/L	3/30/2020	<1.04		<1.05	<1.04	<1.07	<1.04				<1.05	<1.05	<1.07	<1.04			<1.04	<1.04									
2,4,5-T [2C]	93-76-5	ug/L	6/24/2020		<1.05																								
2,4,5-T [2C]	93-76-5	ug/L	10/20/2021		<0.5							<0.5					0.1J	0.08J											
2,4,5-T [2C]	93-76-5	ug/L	5/1/2023																		<1.13	<1.13	<1.08	<1.09	<1.12				
2,4,5-TP [Silvex]	93-72-1	ug/L	4/14/2009	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2																			
2,4,5-TP [Silvex]	93-72-1	ug/L	9/2/2009							<0.2																			
2,4,5-TP [Silvex]	93-72-1	ug/L	10/25/2009							<0.2																			
2,4,5-TP [Silvex]	93-72-1	ug/L	1/2/2010							<0.2																			
2,4,5-TP [Silvex]	93-72-1	ug/L	5/10/2010	<0.5		<0.5	<0.5	<0.5	<0.54	<0.5			<0.5	<0.5	<0.5	<0.5			<0.5	<0.5									
2,4,5-TP [Silvex]	93-72-1	ug/L	11/1/2010							<0.5																			
2,4,5-TP [Silvex]	93-72-1	ug/L	4/4/2011							<0.48		<0.5					<0.5	<0.54											
2,4,5-TP [Silvex]	93-72-1	ug/L	10/13/2011							<1																			
2,4,5-TP [Silvex]	93-72-1	ug/L	4/11/2012							<1																			
2,4,5-TP [Silvex]	93-72-1	ug/L	10/11/2012								<1																		
2,4,5-TP [Silvex]	93-72-1	ug/L	3/30/2013								<1															<1	<1		
2,4,5-TP [Silvex]	93-72-1	ug/L	7/10/2013																		<1.06	<1.02	<1.02	<1.14	<1.09				
2,4,5-TP [Silvex]	93-72-1	ug/L	10/7/2013							<1.08	<1.04																		
2,4,5-TP [Silvex]	93-72-1	ug/L	10/5/2015	<1.02		<1.32	<1.1	<1.05	<1.02				<1.06	<1.02	<1.01	<1.02			<1	<1.02									
2,4,5-TP [Silvex]	93-72-1	ug/L	4/4/2016									<1.04					<1.03	<1.01											
2,4,5-TP [Silvex]	93-72-1	ug/L	5/1/2018																		<1.04	<1.03							
2,4,5-TP [Silvex]	93-72-1	ug/L	5/2/2018																				<1.05	<1.11	<1.06				
2,4,5-TP [Silvex]	93-72-1	ug/L	3/30/2020	<1.04		<1.05	<1.04	<1.07	<1.04				<1.05	<1.05	<1.07	<1.04			<1.04	<1.04									
2,4,5-TP [Silvex]	93-72-1	ug/L	6/24/2020		<1.05																								
2,4,5-TP [Silvex]	93-72-1	ug/L	10/20/2021		<0.5							<0.5					<0.5	<0.5											
2,4,5-TP [Silvex]	93-72-1	ug/L	5/1/2023																		<1.13	<1.13	<1.08	<1.09	<1.12				
2,4,5-Trichlorophenol	95-95-4	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2,4,5-Trichlorophenol	95-95-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2,4,5-Trichlorophenol	95-95-4	ug/L	4/4/2011									<10					<10	<10											
2,4,5-Trichlorophenol	95-95-4	ug/L	3/30/2013																							<10	<10		
2,4,5-Trichlorophenol	95-95-4	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2,4,5-Trichlorophenol	95-95-4	ug/L	6/2/2014																					<10.1					
2,4,5-Trichlorophenol	95-95-4	ug/L	10/15/2014																					<10					
2,4,5-Trichlorophenol	95-95-4	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2,4,5-Trichlorophenol	95-95-4	ug/L	4/4/2016									<10					<10	<10											
2,4,5-Trichlorophenol	95-95-4	ug/L	5/1/2018																		1.04J	<10.3							
2,4,5-Trichlorophenol	95-95-4	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2,4,5-Trichlorophenol	95-95-4	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2,4,5-Trichlorophenol	95-95-4	ug/L	6/24/2020		<10.4																								
2,4,5-Trichlorophenol	95-95-4	ug/L	10/20/2021		<8							<8					<8	<8											
2,4,5-Trichlorophenol	95-95-4	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2,4,5-Trichlorophenol	95-95-4	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2,4,5-Trichlorophenol	95-95-4	ug/L	4/24/2025													<10.4													
2,4,5-Trichlorophenol	95-95-4	ug/L	5/5/2025						<10.2																				
2,4,5-Trichlorophenol	95-95-4	ug/L	5/6/2025										<10.4		<10.6														
2,4,5-Trichlorophenol	95-95-4	ug/L	5/7/2025				<10.2													<10.6									
2,4,5-Trichlorophenol	95-95-4	ug/L	5/8/2025			<9.80		<10.6																					
2,4,5-Trichlorophenol	95-95-4	ug/L	5/4/2026														<10.9												
2,4,5-Trichlorophenol	95-95-4	ug/L	5/6/2026															<10.4											
2,4,6-Trichlorophenol	88-06-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2,4,6-Trichlorophenol	88-06-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2,4,6-Trichlorophenol	88-06-2	ug/L	4/4/2011									<10					<10	<10											
2,4,6-Trichlorophenol	88-06-2	ug/L	3/30/2013																							<10	<10		
2,4,6-Trichlorophenol	88-06-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2,4,6-Trichlorophenol	88-06-2	ug/L	6/2/2014																					<10.1					
2,4,6-Trichlorophenol	88-06-2	ug/L	10/15/2014																					<10					
2,4,6-Trichlorophenol	88-06-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2,4,6-Trichlorophenol	88-06-2	ug/L	4/4/2016									<10					<10	<10											
2,4,6-Trichlorophenol	88-06-2	ug/L	5/1/2018																		1.01J	<10.3							
2,4,6-Trichlorophenol	88-06-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2,4,6-Trichlorophenol	88-06-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2,4,6-Trichlorophenol	88-06-2	ug/L	6/24/2020		<10.4																								
2,4,6-Trichlorophenol	88-06-2	ug/L	10/20/2021		<8							<8					<8	<8											
2,4,6-Trichlorophenol	88-06-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2,4,6-Trichlorophenol	88-06-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2,4,6-Trichlorophenol	88-06-2	ug/L	4/24/2025													<10.4													
2,4,6-Trichlorophenol	88-06-2	ug/L	5/5/2025						<10.2																				
2,4,6-Trichlorophenol	88-06-2	ug/L	5/6/2025										<10.4		<10.6														
2,4,6-Trichlorophenol	88-06-2	ug/L	5/7/2025				<10.2													<10.6									
2,4,6-Trichlorophenol	88-06-2	ug/L	5/8/2025			<9.80		<10.6																					
2,4,6-Trichlorophenol	88-06-2	ug/L	5/4/2026														<10.9												
2,4,6-Trichlorophenol	88-06-2	ug/L	5/6/2026															<10.4											
2,4-D	94-75-7	ug/L	4/23/2025	<0.645										<0.664					<0.671										
2,4-D	94-75-7	ug/L	4/24/2025													<0.643													
2,4-D	94-75-7	ug/L	5/5/2025						<0.618																				
2,4-D	94-75-7	ug/L	5/6/2025										<0.668		<0.647														
2,4-D	94-75-7	ug/L	5/7/2025				<0.685													<0.631									
2,4-D	94-75-7	ug/L	5/8/2025			<0.639		<0.655																					
2,4-D	94-75-7	ug/L	5/4/2026														<0.100												
2,4-D	94-75-7	ug/L	5/6/2026															<0.100											
2,4-D [2C]	94-75-7	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
2,4-D [2C]	94-75-7	ug/L	5/10/2010	<1		<1	<1	<1	<1.1	<1			<1	<1	<1	<1			<1	<1									
2,4-D [2C]	94-75-7	ug/L	4/4/2011									<1					<1	<1.1											
2,4-D [2C]	94-75-7	ug/L	10/11/2012								<1																		
2,4-D [2C]	94-75-7	ug/L	3/30/2013																							<1	<1		
2,4-D [2C]	94-75-7	ug/L	7/10/2013																		<1.06	<1.02	<1.02	<1.14	<1.09				
2,4-D [2C]	94-75-7	ug/L	10/5/2015	<1.02		<1.32	<1.1	<1.05	<1.02				<1.06	<1.02	<1.01	<1.02			<1	<1.02									
2,4-D [2C]	94-75-7	ug/L	4/4/2016									<1.04					<1.03	<1.01											
2,4-D [2C]	94-75-7	ug/L	5/1/2018																		<1.04	<1.03							
2,4-D [2C]	94-75-7	ug/L	5/2/2018																				<1.05	<1.11	<1.06				
2,4-D [2C]	94-75-7	ug/L	3/30/2020	<1.04		<1.05	<1.04	<1.07	<1.04				<1.05	<1.05	<1.07	<1.04			<1.04	<1.04									
2,4-D [2C]	94-75-7	ug/L	6/24/2020		<1.05																								
2,4-D [2C]	94-75-7	ug/L	10/20/2021		<2							<2					<2	<2											
2,4-D [2C]	94-75-7	ug/L	5/1/2023																		<1.13	<1.13	<1.08	<1.09	<1.12				
2,4-Dichlorophenol	120-83-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2,4-Dichlorophenol	120-83-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2,4-Dichlorophenol	120-83-2	ug/L	4/4/2011									<10					<10	<10											
2,4-Dichlorophenol	120-83-2	ug/L	3/30/2013																							<10	<10		
2,4-Dichlorophenol	120-83-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2,4-Dichlorophenol	120-83-2	ug/L	6/2/2014																					<10.1					
2,4-Dichlorophenol	120-83-2	ug/L	10/15/2014																					<10					
2,4-Dichlorophenol	120-83-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2,4-Dichlorophenol	120-83-2	ug/L	4/4/2016									<10					<10	<10											
2,4-Dichlorophenol	120-83-2	ug/L	5/1/2018																		<10.4	<10.3							
2,4-Dichlorophenol	120-83-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2,4-Dichlorophenol	120-83-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2,4-Dichlorophenol	120-83-2	ug/L	6/24/2020		<10.4																								
2,4-Dichlorophenol	120-83-2	ug/L	10/20/2021		<8							<8					<8	<8											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
2,4-Dichlorophenol	120-83-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2,4-Dichlorophenol	120-83-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2,4-Dichlorophenol	120-83-2	ug/L	4/24/2025													<10.4													
2,4-Dichlorophenol	120-83-2	ug/L	5/5/2025						<10.2																				
2,4-Dichlorophenol	120-83-2	ug/L	5/6/2025										<10.4		<10.6														
2,4-Dichlorophenol	120-83-2	ug/L	5/7/2025				<10.2													<10.6									
2,4-Dichlorophenol	120-83-2	ug/L	5/8/2025			<9.80		<10.6																					
2,4-Dichlorophenol	120-83-2	ug/L	5/4/2026														<10.9												
2,4-Dichlorophenol	120-83-2	ug/L	5/6/2026															<10.4											
2,4-Dimethylphenol	105-67-9	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2,4-Dimethylphenol	105-67-9	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2,4-Dimethylphenol	105-67-9	ug/L	4/4/2011									<10					<10	<10											
2,4-Dimethylphenol	105-67-9	ug/L	3/30/2013																							<10	<10		
2,4-Dimethylphenol	105-67-9	ug/L	7/10/2013																		<10.2	<10.1	<10.1	443	<10.3				
2,4-Dimethylphenol	105-67-9	ug/L	10/7/2013							<10.2	<10.1													<10.1					
2,4-Dimethylphenol	105-67-9	ug/L	6/2/2014																					<10.1					
2,4-Dimethylphenol	105-67-9	ug/L	10/15/2014																					<10					
2,4-Dimethylphenol	105-67-9	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2,4-Dimethylphenol	105-67-9	ug/L	4/4/2016									<10					<10	<10											
2,4-Dimethylphenol	105-67-9	ug/L	5/1/2018																		<10.4	<10.3							
2,4-Dimethylphenol	105-67-9	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2,4-Dimethylphenol	105-67-9	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2,4-Dimethylphenol	105-67-9	ug/L	6/24/2020		<10.4																								
2,4-Dimethylphenol	105-67-9	ug/L	10/20/2021		<8							<8					<8	<8											
2,4-Dimethylphenol	105-67-9	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2,4-Dimethylphenol	105-67-9	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2,4-Dimethylphenol	105-67-9	ug/L	4/24/2025													<10.4													
2,4-Dimethylphenol	105-67-9	ug/L	5/5/2025						<10.2																				
2,4-Dimethylphenol	105-67-9	ug/L	5/6/2025										<10.4		<10.6														
2,4-Dimethylphenol	105-67-9	ug/L	5/7/2025				<10.2													<10.6									
2,4-Dimethylphenol	105-67-9	ug/L	5/8/2025			<9.80		<10.6																					
2,4-Dimethylphenol	105-67-9	ug/L	5/4/2026														<10.9												
2,4-Dimethylphenol	105-67-9	ug/L	5/6/2026															<10.4											
2,4-Dinitrophenol	51-28-5	ug/L	4/14/2009	<20		<20	<20	<20	<20	<20																			
2,4-Dinitrophenol	51-28-5	ug/L	5/10/2010	<20		<20	<20	<20	<20	<20			<20	<20	<20	<20			<20	<20									
2,4-Dinitrophenol	51-28-5	ug/L	4/4/2011									<20					<20	<20											
2,4-Dinitrophenol	51-28-5	ug/L	3/30/2013																							<20	<20		
2,4-Dinitrophenol	51-28-5	ug/L	7/10/2013																		<20.4	<20.2	<20.2	<213	<20.6				
2,4-Dinitrophenol	51-28-5	ug/L	6/2/2014																					<20.2					
2,4-Dinitrophenol	51-28-5	ug/L	10/15/2014																					<20					
2,4-Dinitrophenol	51-28-5	ug/L	10/5/2015	<20.8		<20	<21.1	<21.1	<20.2				<21.5	<21.3	<21.1	<20.6			<22.2	<20.2									
2,4-Dinitrophenol	51-28-5	ug/L	4/4/2016									<20					<20	<20											
2,4-Dinitrophenol	51-28-5	ug/L	5/1/2018																		<20.8	<20.6							
2,4-Dinitrophenol	51-28-5	ug/L	5/2/2018																				<20.8	<21.1	<20.8				
2,4-Dinitrophenol	51-28-5	ug/L	3/30/2020	<20.8		<21.5	<20.6	<21.1	<20.6				<20.8	<20.8	<21.1	<20.2			<20.8	<20.8									
2,4-Dinitrophenol	51-28-5	ug/L	6/24/2020		<20.8																								
2,4-Dinitrophenol	51-28-5	ug/L	10/20/2021		<8							<8					<8	<8											
2,4-Dinitrophenol	51-28-5	ug/L	5/1/2023																		<21.3	<20	<19.6	<21.3	<20				
2,4-Dinitrophenol	51-28-5	ug/L	4/23/2025	<20.8										<20.8					<20.8										
2,4-Dinitrophenol	51-28-5	ug/L	4/24/2025													<20.8													
2,4-Dinitrophenol	51-28-5	ug/L	5/5/2025						<20.4																				
2,4-Dinitrophenol	51-28-5	ug/L	5/6/2025										<20.8		<21.3														
2,4-Dinitrophenol	51-28-5	ug/L	5/7/2025				<20.4													<21.3									
2,4-Dinitrophenol	51-28-5	ug/L	5/8/2025			<19.6		<21.3																					
2,4-Dinitrophenol	51-28-5	ug/L	5/4/2026														<21.7												
2,4-Dinitrophenol	51-28-5	ug/L	5/6/2026															<20.8											
2,4-Dinitrotoluene	121-14-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2,4-Dinitrotoluene	121-14-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2,4-Dinitrotoluene	121-14-2	ug/L	4/4/2011									<10					<10	<10											
2,4-Dinitrotoluene	121-14-2	ug/L	3/30/2013																							<10	<10		
2,4-Dinitrotoluene	121-14-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2,4-Dinitrotoluene	121-14-2	ug/L	6/2/2014																					<10.1					
2,4-Dinitrotoluene	121-14-2	ug/L	10/15/2014																					<10					
2,4-Dinitrotoluene	121-14-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2,4-Dinitrotoluene	121-14-2	ug/L	4/4/2016									<10					<10	<10											
2,4-Dinitrotoluene	121-14-2	ug/L	5/1/2018																		<10.4	<10.3							
2,4-Dinitrotoluene	121-14-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2,4-Dinitrotoluene	121-14-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2,4-Dinitrotoluene	121-14-2	ug/L	6/24/2020		<10.4																								
2,4-Dinitrotoluene	121-14-2	ug/L	10/20/2021		<8							<8					<8	<8											
2,4-Dinitrotoluene	121-14-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2,4-Dinitrotoluene	121-14-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2,4-Dinitrotoluene	121-14-2	ug/L	4/24/2025													<10.4													
2,4-Dinitrotoluene	121-14-2	ug/L	5/5/2025						<10.2																				
2,4-Dinitrotoluene	121-14-2	ug/L	5/6/2025										<10.4		<10.6														
2,4-Dinitrotoluene	121-14-2	ug/L	5/7/2025				<10.2													<10.6									
2,4-Dinitrotoluene	121-14-2	ug/L	5/8/2025			<9.80		<10.6																					
2,4-Dinitrotoluene	121-14-2	ug/L	5/4/2026														<10.9												
2,4-Dinitrotoluene	121-14-2	ug/L	5/6/2026															<10.4											
2,6-Dichlorophenol	87-65-0	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2,6-Dichlorophenol	87-65-0	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2,6-Dichlorophenol	87-65-0	ug/L	4/4/2011									<10					<10	<10											
2,6-Dichlorophenol	87-65-0	ug/L	3/30/2013																							<10	<10		
2,6-Dichlorophenol	87-65-0	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2,6-Dichlorophenol	87-65-0	ug/L	6/2/2014																					<10.1					
2,6-Dichlorophenol	87-65-0	ug/L	10/15/2014																					<10					
2,6-Dichlorophenol	87-65-0	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2,6-Dichlorophenol	87-65-0	ug/L	4/4/2016									<10					<10	<10											
2,6-Dichlorophenol	87-65-0	ug/L	5/1/2018																		<10.4	<10.3							
2,6-Dichlorophenol	87-65-0	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2,6-Dichlorophenol	87-65-0	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2,6-Dichlorophenol	87-65-0	ug/L	6/24/2020		<10.4																								
2,6-Dichlorophenol	87-65-0	ug/L	10/20/2021		<8							<8					<8	<8											
2,6-Dichlorophenol	87-65-0	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2,6-Dichlorophenol	87-65-0	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2,6-Dichlorophenol	87-65-0	ug/L	4/24/2025													<10.4													
2,6-Dichlorophenol	87-65-0	ug/L	5/5/2025						<10.2																				
2,6-Dichlorophenol	87-65-0	ug/L	5/6/2025										<10.4		<10.6														
2,6-Dichlorophenol	87-65-0	ug/L	5/7/2025				<10.2													<10.6									
2,6-Dichlorophenol	87-65-0	ug/L	5/8/2025			<9.80		<10.6																					
2,6-Dichlorophenol	87-65-0	ug/L	5/4/2026														<10.9												
2,6-Dichlorophenol	87-65-0	ug/L	5/6/2026															<10.4											
2-Acetylaminofluorene	53-96-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2-Acetylaminofluorene	53-96-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
2-Acetylaminofluorene	53-96-3	ug/L	4/4/2011									<10					<10	<10											
2-Acetylaminofluorene	53-96-3	ug/L	3/30/2013																							<10	<10		
2-Acetylaminofluorene	53-96-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2-Acetylaminofluorene	53-96-3	ug/L	6/2/2014																					<10.1					
2-Acetylaminofluorene	53-96-3	ug/L	10/15/2014																					<10					
2-Acetylaminofluorene	53-96-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2-Acetylaminofluorene	53-96-3	ug/L	4/4/2016									<10					<10	<10											
2-Acetylaminofluorene	53-96-3	ug/L	5/1/2018																		<10.4	<10.3							
2-Acetylaminofluorene	53-96-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2-Acetylaminofluorene	53-96-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2-Acetylaminofluorene	53-96-3	ug/L	6/24/2020		<10.4																								
2-Acetylaminofluorene	53-96-3	ug/L	10/20/2021		<8							<8					<8	<8											
2-Acetylaminofluorene	53-96-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2-Acetylaminofluorene	53-96-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2-Acetylaminofluorene	53-96-3	ug/L	4/24/2025													<10.4													
2-Acetylaminofluorene	53-96-3	ug/L	5/5/2025						<10.2																				
2-Acetylaminofluorene	53-96-3	ug/L	5/6/2025										<10.4		<10.6														
2-Acetylaminofluorene	53-96-3	ug/L	5/7/2025				<10.2													<10.6									
2-Acetylaminofluorene	53-96-3	ug/L	5/8/2025			<9.80		<10.6																					
2-Acetylaminofluorene	53-96-3	ug/L	5/4/2026														<10.9												
2-Acetylaminofluorene	53-96-3	ug/L	5/6/2026															<10.4											
2-Butanone (MEK)	78-93-3	ug/L	2/27/2008	<10		<10	<10	<10	<10	<10																			
2-Butanone (MEK)	78-93-3	ug/L	5/12/2008	<10		<10	<10	<10	<10	<10																			
2-Butanone (MEK)	78-93-3	ug/L	7/13/2008	<10		<10	<10	<10	<10	<10																			
2-Butanone (MEK)	78-93-3	ug/L	9/14/2008	<10		<10	<10	<10	<10	<10																			
2-Butanone (MEK)	78-93-3	ug/L	11/17/2008	<10		<10	<10	<10	<10	<10																			
2-Butanone (MEK)	78-93-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2-Butanone (MEK)	78-93-3	ug/L	7/7/2009										<10	<10	<10	<10			<10	<10									
2-Butanone (MEK)	78-93-3	ug/L	9/2/2009										<10	<10	<10	<10			<10	<10									
2-Butanone (MEK)	78-93-3	ug/L	10/25/2009	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2-Butanone (MEK)	78-93-3	ug/L	1/2/2010										<10	<10	<10	<10			<10	<10									
2-Butanone (MEK)	78-93-3	ug/L	3/3/2010									<10	<10	<10	<10	<10	<10	<10	<10	<10									
2-Butanone (MEK)	78-93-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10									
2-Butanone (MEK)	78-93-3	ug/L	7/8/2010							<10		<10					<10	<10											
2-Butanone (MEK)	78-93-3	ug/L	9/13/2010							<10		<10					<10	<10											
2-Butanone (MEK)	78-93-3	ug/L	11/1/2010	<10		<10		<10	<10	<10			<10	<10	<10	<10													
2-Butanone (MEK)	78-93-3	ug/L	1/10/2011							<10		<10					<10	<10											
2-Butanone (MEK)	78-93-3	ug/L	4/4/2011							<10		<10					<10	<10											
2-Butanone (MEK)	78-93-3	ug/L	8/11/2011																							<10			
2-Butanone (MEK)	78-93-3	ug/L	10/13/2011	<10		<10		<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10							<10			
2-Butanone (MEK)	78-93-3	ug/L	12/5/2011				<10													<10						<10			
2-Butanone (MEK)	78-93-3	ug/L	4/11/2012	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10						<10	<10		
2-Butanone (MEK)	78-93-3	ug/L	6/25/2012					<10		<10																<10	<10		
2-Butanone (MEK)	78-93-3	ug/L	8/1/2012						<10		<10										<10	<10	<10	<10	<10	<10	<10		
2-Butanone (MEK)	78-93-3	ug/L	10/11/2012	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
2-Butanone (MEK)	78-93-3	ug/L	12/13/2012								<10										<10	<10	<10	<10	<10		<10		
2-Butanone (MEK)	78-93-3	ug/L	2/4/2013								<10										<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	3/30/2013	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
2-Butanone (MEK)	78-93-3	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	10/7/2013	<10		<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	<10	<10	<10	<10		<10		
2-Butanone (MEK)	78-93-3	ug/L	6/2/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	10/15/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	4/6/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	10/5/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	4/4/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	10/17/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	4/17/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	10/11/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	4/20/2018																<10	<10									
2-Butanone (MEK)	78-93-3	ug/L	4/23/2018	<10								<10	<10		<10	<10	<10												
2-Butanone (MEK)	78-93-3	ug/L	4/25/2018						<10																				
2-Butanone (MEK)	78-93-3	ug/L	4/30/2018			<10	<10	<10										<10											
2-Butanone (MEK)	78-93-3	ug/L	5/1/2018								<10										<10	<10							
2-Butanone (MEK)	78-93-3	ug/L	5/2/2018																				<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	10/16/2018	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	4/16/2019	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	3/30/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	6/24/2020		<10																								
2-Butanone (MEK)	78-93-3	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	11.6	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	1/21/2021		<5																								
2-Butanone (MEK)	78-93-3	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
2-Butanone (MEK)	78-93-3	ug/L	10/20/2021		<5			<5	<5			<5	<5				<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Butanone (MEK)	78-93-3	ug/L	5/2/2022		<10			<10	<10	<10	<10	<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/14/2022		<10			<10	<10			<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	5/1/2023	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/16/2023		<10			<10	<10			<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/29/2024		<10			<10	<10	<10	<10	<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/9/2024		<10.0								<10.0														<10.0		
2-Butanone (MEK)	78-93-3	ug/L	10/10/2024						<10.0			<10.0														<10.0		<10.0	
2-Butanone (MEK)	78-93-3	ug/L	10/14/2024																		<10.0	<10.0		<10.0					<10.0
2-Butanone (MEK)	78-93-3	ug/L	10/15/2024																				<10.0		<10.0				
2-Butanone (MEK)	78-93-3	ug/L	4/23/2025	<10.0										<10.0					<10.0										
2-Butanone (MEK)	78-93-3	ug/L	4/24/2025													<10.0													
2-Butanone (MEK)	78-93-3	ug/L	4/30/2025		<10.0							<10.0														<10.0	<10.0		
2-Butanone (MEK)	78-93-3	ug/L	5/5/2025						<10.0																			<10.0	
2-Butanone (MEK)	78-93-3	ug/L	5/6/2025										<10.0		<10.0														
2-Butanone (MEK)	78-93-3	ug/L	5/7/2025				<10.0													<10.0	<10.0	<10.0	<10.0						
2-Butanone (MEK)	78-93-3	ug/L	5/8/2025			<10.0		<10.0																					<10.0
2-Butanone (MEK)	78-93-3	ug/L	5/9/2025							<10.0	<10.0													<10.0	<10.0				
2-Butanone (MEK)	78-93-3	ug/L	10/21/2025						<10.0																	<10.0	<10.0	<10.0	
2-Butanone (MEK)	78-93-3	ug/L	10/22/2025		<10.0							<10.0	<10.0																
2-Butanone (MEK)	78-93-3	ug/L	10/23/2025					<10.0													<10.0	<10.0	<10.0	<10.0	<10.0				
2-Butanone (MEK)	78-93-3	ug/L	10/24/2025																										<10.0
2-Butanone (MEK)	78-93-3	ug/L	5/4/2026									<10.0					<10.0									<10.0	<10.0		
2-Butanone (MEK)	78-93-3	ug/L	5/5/2026		<10.0				<10.0				<10.0															<10.0	
2-Butanone (MEK)	78-93-3	ug/L	5/6/2026							<10.0	<10.0							<10.0			<10.0								
2-Butanone (MEK)	78-93-3	ug/L	5/8/2026					<10.0														<10.0	<10.0	<10.0	<10.0				<10.0
2-Chloronaphthalene	91-58-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2-Chloronaphthalene	91-58-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2-Chloronaphthalene	91-58-7	ug/L	4/4/2011									<10					<10	<10											
2-Chloronaphthalene	91-58-7	ug/L	3/30/2013																							<10	<10		
2-Chloronaphthalene	91-58-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2-Chloronaphthalene	91-58-7	ug/L	6/2/2014																					<10.1					
2-Chloronaphthalene	91-58-7	ug/L	10/15/2014																					<10					
2-Chloronaphthalene	91-58-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2-Chloronaphthalene	91-58-7	ug/L	4/4/2016									<10					<10	<10											
2-Chloronaphthalene	91-58-7	ug/L	5/1/2018																		<10.4	<10.3							
2-Chloronaphthalene	91-58-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2-Chloronaphthalene	91-58-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2-Chloronaphthalene	91-58-7	ug/L	6/24/2020		<10.4																								
2-Chloronaphthalene	91-58-7	ug/L	10/20/2021		<8							<8					<8	<8											
2-Chloronaphthalene	91-58-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2-Chloronaphthalene	91-58-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2-Chloronaphthalene	91-58-7	ug/L	4/24/2025													<10.4													
2-Chloronaphthalene	91-58-7	ug/L	5/5/2025						<10.2																				
2-Chloronaphthalene	91-58-7	ug/L	5/6/2025										<10.4		<10.6														
2-Chloronaphthalene	91-58-7	ug/L	5/7/2025				<10.2													<10.6									
2-Chloronaphthalene	91-58-7	ug/L	5/8/2025			<9.80		<10.6																					
2-Chloronaphthalene	91-58-7	ug/L	5/4/2026														<10.9												
2-Chloronaphthalene	91-58-7	ug/L	5/6/2026															<10.4											
2-Chlorophenol	95-57-8	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2-Chlorophenol	95-57-8	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2-Chlorophenol	95-57-8	ug/L	4/4/2011									<10					<10	<10											
2-Chlorophenol	95-57-8	ug/L	3/30/2013																							<10	<10		
2-Chlorophenol	95-57-8	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2-Chlorophenol	95-57-8	ug/L	6/2/2014																					<10.1					

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
2-Chlorophenol	95-57-8	ug/L	10/15/2014																					<10					
2-Chlorophenol	95-57-8	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2-Chlorophenol	95-57-8	ug/L	4/4/2016									<10					<10	<10											
2-Chlorophenol	95-57-8	ug/L	5/1/2018																		<10.4	<10.3							
2-Chlorophenol	95-57-8	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2-Chlorophenol	95-57-8	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2-Chlorophenol	95-57-8	ug/L	6/24/2020		<10.4																								
2-Chlorophenol	95-57-8	ug/L	10/20/2021		<8							<8					<8	<8											
2-Chlorophenol	95-57-8	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2-Chlorophenol	95-57-8	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2-Chlorophenol	95-57-8	ug/L	4/24/2025													<10.4													
2-Chlorophenol	95-57-8	ug/L	5/5/2025						<10.2																				
2-Chlorophenol	95-57-8	ug/L	5/6/2025										<10.4		<10.6														
2-Chlorophenol	95-57-8	ug/L	5/7/2025				<10.2													<10.6									
2-Chlorophenol	95-57-8	ug/L	5/8/2025			<9.80		<10.6																					
2-Chlorophenol	95-57-8	ug/L	5/4/2026														<10.9												
2-Chlorophenol	95-57-8	ug/L	5/6/2026															<10.4											
2-Hexanone	591-78-6	ug/L	2/27/2008	<10		<10	<10	<10	<10	<10																			
2-Hexanone	591-78-6	ug/L	5/12/2008	<10		<10	<10	<10	<10	<10																			
2-Hexanone	591-78-6	ug/L	7/13/2008	<10		<10	<10	<10	<10	<10																			
2-Hexanone	591-78-6	ug/L	9/14/2008	<10		<10	<10	<10	<10	<10																			
2-Hexanone	591-78-6	ug/L	11/17/2008	<10		<10	<10	<10	<10	<10																			
2-Hexanone	591-78-6	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2-Hexanone	591-78-6	ug/L	7/7/2009										<10	<10	<10	<10			<10	<10									
2-Hexanone	591-78-6	ug/L	9/2/2009										<10	<10	<10	<10			<10	<10									
2-Hexanone	591-78-6	ug/L	10/25/2009	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2-Hexanone	591-78-6	ug/L	1/2/2010										<10	<10	<10	<10			<10	<10									
2-Hexanone	591-78-6	ug/L	3/3/2010									<10	<10	<10	<10	<10	<10	<10	<10	<10									
2-Hexanone	591-78-6	ug/L	5/10/2010	<20		<20	<20	<20	<20	<20		<20	<20	<20	<20	<20	<20	<20	<20	<20									
2-Hexanone	591-78-6	ug/L	7/8/2010									<10					<10	<10											
2-Hexanone	591-78-6	ug/L	9/13/2010									<10					<10	<10											
2-Hexanone	591-78-6	ug/L	11/1/2010	<10		<10		<10	<10	<10			<10	<10	<10	<10													
2-Hexanone	591-78-6	ug/L	1/10/2011									<10					<10	<10											
2-Hexanone	591-78-6	ug/L	4/4/2011									<10					<10	<10											
2-Hexanone	591-78-6	ug/L	8/11/2011																						<10				
2-Hexanone	591-78-6	ug/L	10/13/2011	<10		<10		<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10						<10				
2-Hexanone	591-78-6	ug/L	12/5/2011				<10													<10					<10				
2-Hexanone	591-78-6	ug/L	4/11/2012	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10					<10	<10			
2-Hexanone	591-78-6	ug/L	6/25/2012					<10		<10															<10	<10			
2-Hexanone	591-78-6	ug/L	8/1/2012							<10	<10										<10	<10	<10	<10	<10	<10			
2-Hexanone	591-78-6	ug/L	10/11/2012	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			
2-Hexanone	591-78-6	ug/L	12/13/2012								<10										<10	<10	<10	<10	<10	<10			
2-Hexanone	591-78-6	ug/L	2/4/2013								<10										<10	<10	<10	<10	<10	<10			
2-Hexanone	591-78-6	ug/L	3/30/2013	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			
2-Hexanone	591-78-6	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	10/7/2013	<10		<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	6/2/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	10/15/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	4/6/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	10/5/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	4/4/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	10/17/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	4/17/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	10/11/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	4/20/2018											<10					<10	<10									
2-Hexanone	591-78-6	ug/L	4/23/2018	<10								<10	<10		<10	<10	<10												
2-Hexanone	591-78-6	ug/L	4/25/2018						<10																				
2-Hexanone	591-78-6	ug/L	4/30/2018			<10	<10	<10										<10											
2-Hexanone	591-78-6	ug/L	5/1/2018								<10										<10	<10							
2-Hexanone	591-78-6	ug/L	5/2/2018																				<10	<10	<10				
2-Hexanone	591-78-6	ug/L	10/16/2018	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	4/16/2019	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	3/30/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	6/24/2020		<10																								
2-Hexanone	591-78-6	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	1/21/2021		<5																								
2-Hexanone	591-78-6	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
2-Hexanone	591-78-6	ug/L	3/30/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	6/24/2020		<10																								
2-Hexanone	591-78-6	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	1/21/2021		<5																								
2-Hexanone	591-78-6	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
2-Hexanone	591-78-6	ug/L	10/20/2021		<5			<5	<5			<5	<5		<5	<5	<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Hexanone	591-78-6	ug/L	5/2/2022		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Hexanone	591-78-6	ug/L	10/14/2022		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
2-Hexanone	591-78-6	ug/L	5/1/2023	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/16/2023		<10			<10	<10			<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/29/2024		<10			<10	<10	<10	<10	<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/9/2024		<10.0								<10.0														<10.0		
2-Hexanone	591-78-6	ug/L	10/10/2024						<10.0			<10.0															<10.0		
2-Hexanone	591-78-6	ug/L	10/14/2024																		<10.0	<10.0		<10.0					<10.0
2-Hexanone	591-78-6	ug/L	10/15/2024																				<10.0		<10.0				
2-Hexanone	591-78-6	ug/L	4/23/2025	<10.0										<10.0					<10.0										
2-Hexanone	591-78-6	ug/L	4/24/2025													<10.0													
2-Hexanone	591-78-6	ug/L	4/30/2025		<10.0							<10.0														<10.0	<10.0		
2-Hexanone	591-78-6	ug/L	5/5/2025						<10.0																			<10.0	
2-Hexanone	591-78-6	ug/L	5/6/2025										<10.0		<10.0														
2-Hexanone	591-78-6	ug/L	5/7/2025				<10.0													<10.0	<10.0	<10.0	<10.0						
2-Hexanone	591-78-6	ug/L	5/8/2025			<10.0		<10.0																					<10.0
2-Hexanone	591-78-6	ug/L	5/9/2025							<10.0	<10.0													<10.0	<10.0				
2-Hexanone	591-78-6	ug/L	10/21/2025						<10.0																	<10.0	<10.0	<10.0	
2-Hexanone	591-78-6	ug/L	10/22/2025		<10.0							<10.0	<10.0																
2-Hexanone	591-78-6	ug/L	10/23/2025					<10.0													<10.0	<10.0	<10.0	<10.0	<10.0				
2-Hexanone	591-78-6	ug/L	10/24/2025																										<10.0
2-Hexanone	591-78-6	ug/L	5/4/2026									<10.0					<10.0									<10.0	<10.0		
2-Hexanone	591-78-6	ug/L	5/5/2026		<10.0				<10.0				<10.0															<10.0	
2-Hexanone	591-78-6	ug/L	5/6/2026							<10.0	<10.0							<10.0			<10.0								
2-Hexanone	591-78-6	ug/L	5/8/2026					<10.0														<10.0	<10.0	<10.0	<10.0				<10.0
2-Methylnaphthalene	91-57-6	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2-Methylnaphthalene	91-57-6	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2-Methylnaphthalene	91-57-6	ug/L	4/4/2011									<10					<10	<10											
2-Methylnaphthalene	91-57-6	ug/L	3/30/2013																						<10	<10			
2-Methylnaphthalene	91-57-6	ug/L	7/10/2013																		<10.2	<10.1	<10.1	156	<10.3				
2-Methylnaphthalene	91-57-6	ug/L	10/7/2013							<10.2	<10.1													<10.1					
2-Methylnaphthalene	91-57-6	ug/L	6/2/2014																					<10.1					
2-Methylnaphthalene	91-57-6	ug/L	10/15/2014																					<10					
2-Methylnaphthalene	91-57-6	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2-Methylnaphthalene	91-57-6	ug/L	4/4/2016									<10					<10	<10											
2-Methylnaphthalene	91-57-6	ug/L	5/1/2018																		<10.4	<10.3							
2-Methylnaphthalene	91-57-6	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2-Methylnaphthalene	91-57-6	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2-Methylnaphthalene	91-57-6	ug/L	6/24/2020		<10.4																								
2-Methylnaphthalene	91-57-6	ug/L	10/20/2021		<8							<8					<8	<8											
2-Methylnaphthalene	91-57-6	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2-Methylnaphthalene	91-57-6	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2-Methylnaphthalene	91-57-6	ug/L	4/24/2025													<10.4													
2-Methylnaphthalene	91-57-6	ug/L	5/5/2025						<10.2																				
2-Methylnaphthalene	91-57-6	ug/L	5/6/2025										<10.4		<10.6														
2-Methylnaphthalene	91-57-6	ug/L	5/7/2025				<10.2													<10.6									
2-Methylnaphthalene	91-57-6	ug/L	5/8/2025			<9.80		<10.6																					
2-Methylnaphthalene	91-57-6	ug/L	5/4/2026														<10.9												
2-Methylnaphthalene	91-57-6	ug/L	5/6/2026															<10.4											
2-Methylphenol	95-48-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2-Methylphenol	95-48-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2-Methylphenol	95-48-7	ug/L	4/4/2011									<10					<10	<10											
2-Methylphenol	95-48-7	ug/L	3/30/2013																						<10	<10			
2-Methylphenol	95-48-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	1780	<10.3				
2-Methylphenol	95-48-7	ug/L	10/7/2013							<10.2	<10.1													<10.1					
2-Methylphenol	95-48-7	ug/L	6/2/2014																					<10.1					
2-Methylphenol	95-48-7	ug/L	10/15/2014																					<10					
2-Methylphenol	95-48-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
2-Methylphenol	95-48-7	ug/L	4/4/2016									<10					<10	<10											
2-Methylphenol	95-48-7	ug/L	5/1/2018																		<10.4	<10.3							
2-Methylphenol	95-48-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2-Methylphenol	95-48-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2-Methylphenol	95-48-7	ug/L	6/24/2020		<10.4																								
2-Methylphenol	95-48-7	ug/L	10/20/2021		<8							<8					<8	<8											
2-Methylphenol	95-48-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2-Methylphenol	95-48-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2-Methylphenol	95-48-7	ug/L	4/24/2025													<10.4													
2-Methylphenol	95-48-7	ug/L	5/5/2025						<10.2																				
2-Methylphenol	95-48-7	ug/L	5/6/2025										<10.4		<10.6														
2-Methylphenol	95-48-7	ug/L	5/7/2025				<10.2													<10.6									
2-Methylphenol	95-48-7	ug/L	5/8/2025			<9.80		<10.6																					
2-Methylphenol	95-48-7	ug/L	5/4/2026														<10.9												
2-Methylphenol	95-48-7	ug/L	5/6/2026															<10.4											
2-Naphthylamine	91-59-8	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2-Naphthylamine	91-59-8	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2-Naphthylamine	91-59-8	ug/L	4/4/2011									<10					<10	<10											
2-Naphthylamine	91-59-8	ug/L	3/30/2013																							<10	<10		
2-Naphthylamine	91-59-8	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2-Naphthylamine	91-59-8	ug/L	6/2/2014																					<10.1					
2-Naphthylamine	91-59-8	ug/L	10/15/2014																					<10					
2-Naphthylamine	91-59-8	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2-Naphthylamine	91-59-8	ug/L	4/4/2016									<10					<10	<10											
2-Naphthylamine	91-59-8	ug/L	5/1/2018																		<10.4	<10.3							
2-Naphthylamine	91-59-8	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2-Naphthylamine	91-59-8	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2-Naphthylamine	91-59-8	ug/L	6/24/2020		<10.4																								
2-Naphthylamine	91-59-8	ug/L	10/20/2021		<8							<8					<8	<8											
2-Naphthylamine	91-59-8	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2-Naphthylamine	91-59-8	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2-Naphthylamine	91-59-8	ug/L	4/24/2025													<10.4													
2-Naphthylamine	91-59-8	ug/L	5/5/2025						<10.2																				
2-Naphthylamine	91-59-8	ug/L	5/6/2025										<10.4		<10.6														
2-Naphthylamine	91-59-8	ug/L	5/7/2025				<10.2													<10.6									
2-Naphthylamine	91-59-8	ug/L	5/8/2025			<9.80		<10.6																					
2-Naphthylamine	91-59-8	ug/L	5/4/2026														<10.9												
2-Naphthylamine	91-59-8	ug/L	5/6/2026															<10.4											
2-Nitroaniline	88-74-4	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2-Nitroaniline	88-74-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2-Nitroaniline	88-74-4	ug/L	4/4/2011									<10					<10	<10											
2-Nitroaniline	88-74-4	ug/L	3/30/2013																							<10	<10		
2-Nitroaniline	88-74-4	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2-Nitroaniline	88-74-4	ug/L	6/2/2014																					<10.1					
2-Nitroaniline	88-74-4	ug/L	10/15/2014																					<10					
2-Nitroaniline	88-74-4	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2-Nitroaniline	88-74-4	ug/L	4/4/2016									<10					<10	<10											
2-Nitroaniline	88-74-4	ug/L	5/1/2018																		<10.4	<10.3							
2-Nitroaniline	88-74-4	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2-Nitroaniline	88-74-4	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2-Nitroaniline	88-74-4	ug/L	6/24/2020		<10.4																								
2-Nitroaniline	88-74-4	ug/L	10/20/2021		<8							<8					<8	<8											
2-Nitroaniline	88-74-4	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2-Nitroaniline	88-74-4	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2-Nitroaniline	88-74-4	ug/L	4/24/2025													<10.4													
2-Nitroaniline	88-74-4	ug/L	5/5/2025						<10.2																				
2-Nitroaniline	88-74-4	ug/L	5/6/2025										<10.4		<10.6														
2-Nitroaniline	88-74-4	ug/L	5/7/2025				<10.2													<10.6									
2-Nitroaniline	88-74-4	ug/L	5/8/2025			<9.80		<10.6																					
2-Nitroaniline	88-74-4	ug/L	5/4/2026														<10.9												
2-Nitroaniline	88-74-4	ug/L	5/6/2026															<10.4											
2-Nitrophenol	88-75-5	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
2-Nitrophenol	88-75-5	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
2-Nitrophenol	88-75-5	ug/L	4/4/2011									<10					<10	<10											
2-Nitrophenol	88-75-5	ug/L	3/30/2013																							<10	<10		
2-Nitrophenol	88-75-5	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
2-Nitrophenol	88-75-5	ug/L	6/2/2014																					<10.1					
2-Nitrophenol	88-75-5	ug/L	10/15/2014																					<10					
2-Nitrophenol	88-75-5	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
2-Nitrophenol	88-75-5	ug/L	4/4/2016									<10					<10	<10											
2-Nitrophenol	88-75-5	ug/L	5/1/2018																		<10.4	<10.3							
2-Nitrophenol	88-75-5	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
2-Nitrophenol	88-75-5	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
2-Nitrophenol	88-75-5	ug/L	6/24/2020		<10.4																								
2-Nitrophenol	88-75-5	ug/L	10/20/2021		<8							<8					<8	<8											
2-Nitrophenol	88-75-5	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
2-Nitrophenol	88-75-5	ug/L	4/23/2025	<10.4										<10.4					<10.4										
2-Nitrophenol	88-75-5	ug/L	4/24/2025													<10.4													
2-Nitrophenol	88-75-5	ug/L	5/5/2025						<10.2																				
2-Nitrophenol	88-75-5	ug/L	5/6/2025										<10.4		<10.6														
2-Nitrophenol	88-75-5	ug/L	5/7/2025				<10.2													<10.6									
2-Nitrophenol	88-75-5	ug/L	5/8/2025			<9.80		<10.6																					
2-Nitrophenol	88-75-5	ug/L	5/4/2026														<10.9												
2-Nitrophenol	88-75-5	ug/L	5/6/2026															<10.4											
3,3'-Dichlorobenzidine	91-94-1	ug/L	4/23/2025	<10.4										<10.4					<10.4										
3,3'-Dichlorobenzidine	91-94-1	ug/L	4/24/2025													<10.4													
3,3'-Dichlorobenzidine	91-94-1	ug/L	5/5/2025						<10.2																				
3,3'-Dichlorobenzidine	91-94-1	ug/L	5/6/2025										<10.4		<10.6														
3,3'-Dichlorobenzidine	91-94-1	ug/L	5/7/2025				<10.2													<10.6									
3,3'-Dichlorobenzidine	91-94-1	ug/L	5/8/2025			<9.80		<10.6																					
3,3'-Dichlorobenzidine	91-94-1	ug/L	5/4/2026														<10.9												
3,3'-Dichlorobenzidine	91-94-1	ug/L	5/6/2026															<10.4											
3,3'-Dimethylbenzidine	119-93-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
3,3'-Dimethylbenzidine	119-93-7	ug/L	4/24/2025													<10.4													
3,3'-Dimethylbenzidine	119-93-7	ug/L	5/5/2025						<10.2																				
3,3'-Dimethylbenzidine	119-93-7	ug/L	5/6/2025										<10.4		<10.6														
3,3'-Dimethylbenzidine	119-93-7	ug/L	5/7/2025				<10.2													<10.6									
3,3'-Dimethylbenzidine	119-93-7	ug/L	5/8/2025			<9.80		<10.6																					
3,3'-Dimethylbenzidine	119-93-7	ug/L	5/4/2026														<10.9												
3,3'-Dimethylbenzidine	119-93-7	ug/L	5/6/2026															<10.4											
3,3-Dichlorobenzidine	91-94-1	ug/L	4/14/2009	<85		<85	<85	<85	<85	<85																			
3,3-Dichlorobenzidine	91-94-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
3,3-Dichlorobenzidine	91-94-1	ug/L	4/4/2011									<10					<10	<10											
3,3-Dichlorobenzidine	91-94-1	ug/L	3/30/2013																							<50	<50		
3,3-Dichlorobenzidine	91-94-1	ug/L	7/10/2013																		<51	<50.5	<50.5	<532	<51.5				
3,3-Dichlorobenzidine	91-94-1	ug/L	6/2/2014																					<50.5					
3,3-Dichlorobenzidine	91-94-1	ug/L	10/15/2014																					<50					
3,3-Dichlorobenzidine	91-94-1	ug/L	10/5/2015	<52.1		<50	<52.6	<52.6	<50.5				<53.8	<53.2	<52.6	<51.5			<55.6	<50.5									
3,3-Dichlorobenzidine	91-94-1	ug/L	4/4/2016									<50					<50	<50											
3,3-Dichlorobenzidine	91-94-1	ug/L	5/1/2018																		<10.4	<10.3							
3,3-Dichlorobenzidine	91-94-1	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
3,3-Dichlorobenzidine	91-94-1	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
3,3-Dichlorobenzidine	91-94-1	ug/L	6/24/2020		<10.4																								
3,3-Dichlorobenzidine	91-94-1	ug/L	10/20/2021		<8							<8					<8	<8											
3,3-Dichlorobenzidine	91-94-1	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
3,3-Dimethylbenzidine	119-93-7	ug/L	4/14/2009	<20		<20	<20	<20	<20	<20																			
3,3-Dimethylbenzidine	119-93-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
3,3-Dimethylbenzidine	119-93-7	ug/L	4/4/2011									<10					<10	<10											
3,3-Dimethylbenzidine	119-93-7	ug/L	3/30/2013																							<10	<10		
3,3-Dimethylbenzidine	119-93-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
3,3-Dimethylbenzidine	119-93-7	ug/L	6/2/2014																					<10.1					
3,3-Dimethylbenzidine	119-93-7	ug/L	10/15/2014																					<10					
3,3-Dimethylbenzidine	119-93-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
3,3-Dimethylbenzidine	119-93-7	ug/L	4/4/2016									<10					<10	<10											
3,3-Dimethylbenzidine	119-93-7	ug/L	5/1/2018																		<10.4	<10.3							
3,3-Dimethylbenzidine	119-93-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
3,3-Dimethylbenzidine	119-93-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
3,3-Dimethylbenzidine	119-93-7	ug/L	6/24/2020		<10.4																								
3,3-Dimethylbenzidine	119-93-7	ug/L	10/20/2021		<8							<8					<8	<8											
3,3-Dimethylbenzidine	119-93-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
3-Methylcholanthrene	56-49-5	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
3-Methylcholanthrene	56-49-5	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
3-Methylcholanthrene	56-49-5	ug/L	4/4/2011									<10					<10	<10											
3-Methylcholanthrene	56-49-5	ug/L	3/30/2013																							<10	<10		
3-Methylcholanthrene	56-49-5	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
3-Methylcholanthrene	56-49-5	ug/L	6/2/2014																					<10.1					
3-Methylcholanthrene	56-49-5	ug/L	10/15/2014																					<10					
3-Methylcholanthrene	56-49-5	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
3-Methylcholanthrene	56-49-5	ug/L	4/4/2016									<10					<10	<10			<10.4	<10.3							
3-Methylcholanthrene	56-49-5	ug/L	5/1/2018																										
3-Methylcholanthrene	56-49-5	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
3-Methylcholanthrene	56-49-5	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
3-Methylcholanthrene	56-49-5	ug/L	6/24/2020		<10.4																								
3-Methylcholanthrene	56-49-5	ug/L	10/20/2021		<8							<8					<8	<8											
3-Methylcholanthrene	56-49-5	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
3-Methylcholanthrene	56-49-5	ug/L	4/23/2025	<10.4										<10.4					<10.4										
3-Methylcholanthrene	56-49-5	ug/L	4/24/2025													<10.4													
3-Methylcholanthrene	56-49-5	ug/L	5/5/2025						<10.2																				
3-Methylcholanthrene	56-49-5	ug/L	5/6/2025										<10.4		<10.6														
3-Methylcholanthrene	56-49-5	ug/L	5/7/2025				<10.2													<10.6									
3-Methylcholanthrene	56-49-5	ug/L	5/8/2025			<9.80		<10.6																					
3-Methylcholanthrene	56-49-5	ug/L	5/4/2026														<10.9												
3-Methylcholanthrene	56-49-5	ug/L	5/6/2026															<10.4											
3-Nitroaniline	99-09-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
3-Nitroaniline	99-09-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
3-Nitroaniline	99-09-2	ug/L	4/4/2011									<10					<10	<10											
3-Nitroaniline	99-09-2	ug/L	3/30/2013																							<10	<10		
3-Nitroaniline	99-09-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
3-Nitroaniline	99-09-2	ug/L	6/2/2014																					<10.1					
3-Nitroaniline	99-09-2	ug/L	10/15/2014																					<10					
3-Nitroaniline	99-09-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
3-Nitroaniline	99-09-2	ug/L	4/4/2016									<10					0.417J	<10											
3-Nitroaniline	99-09-2	ug/L	5/1/2018																		<10.4	<10.3							
3-Nitroaniline	99-09-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
3-Nitroaniline	99-09-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
3-Nitroaniline	99-09-2	ug/L	6/24/2020		<10.4																								
3-Nitroaniline	99-09-2	ug/L	10/20/2021		<8							<8					<8	<8											
3-Nitroaniline	99-09-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
3-Nitroaniline	99-09-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
3-Nitroaniline	99-09-2	ug/L	4/24/2025													<10.4													
3-Nitroaniline	99-09-2	ug/L	5/5/2025						<10.2																				
3-Nitroaniline	99-09-2	ug/L	5/6/2025										<10.4		<10.6														
3-Nitroaniline	99-09-2	ug/L	5/7/2025				<10.2													<10.6									
3-Nitroaniline	99-09-2	ug/L	5/8/2025			<9.80		<10.6																					
3-Nitroaniline	99-09-2	ug/L	5/4/2026														<10.9												
3-Nitroaniline	99-09-2	ug/L	5/6/2026															<10.4											
4,4'-DDD	72-54-8	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
4,4'-DDD	72-54-8	ug/L	4/24/2025													<0.0921													
4,4'-DDD	72-54-8	ug/L	5/5/2025						<0.0895																				
4,4'-DDD	72-54-8	ug/L	5/6/2025										<0.0907		<0.0902														
4,4'-DDD	72-54-8	ug/L	5/7/2025				<0.0907													<0.0904									
4,4'-DDD	72-54-8	ug/L	5/8/2025			<0.0882		<0.0904																					
4,4'-DDD	72-54-8	ug/L	5/4/2026														<0.117												
4,4'-DDD	72-54-8	ug/L	5/6/2026															<0.119											
4,4'-DDE	72-55-9	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
4,4'-DDE	72-55-9	ug/L	4/24/2025													<0.0921													
4,4'-DDE	72-55-9	ug/L	5/5/2025						<0.0895																				
4,4'-DDE	72-55-9	ug/L	5/6/2025										<0.0907		<0.0902														
4,4'-DDE	72-55-9	ug/L	5/7/2025				<0.0907													<0.0904									
4,4'-DDE	72-55-9	ug/L	5/8/2025			<0.0882		<0.0904																					
4,4'-DDE	72-55-9	ug/L	5/4/2026														<0.117												
4,4'-DDE	72-55-9	ug/L	5/6/2026															<0.119											
4,4'-DDT	50-29-3	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
4,4'-DDT	50-29-3	ug/L	4/24/2025													<0.0921													
4,4'-DDT	50-29-3	ug/L	5/5/2025						<0.0895																				
4,4'-DDT	50-29-3	ug/L	5/6/2025										<0.0907		<0.0902														
4,4'-DDT	50-29-3	ug/L	5/7/2025				<0.0907													<0.0904									
4,4'-DDT	50-29-3	ug/L	5/8/2025			<0.0882		<0.0904																					
4,4'-DDT	50-29-3	ug/L	5/4/2026														<0.117												
4,4'-DDT	50-29-3	ug/L	5/6/2026															<0.119											
4,4'-DDD	72-54-8	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
4,4'-DDD	72-54-8	ug/L	10/25/2009							<0.032																			
4,4'-DDD	72-54-8	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
4,4'-DDD	72-54-8	ug/L	4/4/2011									<0.032					<0.032	<0.032											
4,4'-DDD	72-54-8	ug/L	10/11/2012								<0.032																		
4,4'-DDD	72-54-8	ug/L	3/30/2013																							<0.032	<0.032		
4,4'-DDD	72-54-8	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
4,4'-DDD	72-54-8	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
4,4'-DDD	72-54-8	ug/L	4/4/2016									<0.032					0.00815J	<0.032											
4,4'-DDD	72-54-8	ug/L	5/1/2018																		<0.0333	<0.0323							
4,4'-DDD	72-54-8	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
4,4'-DDD	72-54-8	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
4,4'-DDD	72-54-8	ug/L	6/24/2020		<0.0337																								
4,4'-DDD	72-54-8	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
4,4'-DDD	72-54-8	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
4,4'-DDE	72-55-9	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
4,4'-DDE	72-55-9	ug/L	10/25/2009							<0.032																			
4,4'-DDE	72-55-9	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
4,4'-DDE	72-55-9	ug/L	4/4/2011									<0.032					<0.032	<0.032											
4,4'-DDE	72-55-9	ug/L	10/11/2012								<0.032																		
4,4'-DDE	72-55-9	ug/L	3/30/2013																							<0.032	<0.032		
4,4'-DDE	72-55-9	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
4,4'-DDE	72-55-9	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
4,4'-DDE	72-55-9	ug/L	4/4/2016									<0.032					0.00499J	<0.032											
4,4'-DDE	72-55-9	ug/L	5/1/2018																		<0.0333	<0.0323							
4,4'-DDE	72-55-9	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
4,4'-DDE	72-55-9	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
4,4'-DDE	72-55-9	ug/L	6/24/2020		<0.0337																								
4,4'-DDE	72-55-9	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
4,4'-DDE	72-55-9	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
4,4'-DDT	50-29-3	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
4,4'-DDT	50-29-3	ug/L	10/25/2009							<0.032																			
4,4'-DDT	50-29-3	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
4,4'-DDT	50-29-3	ug/L	4/4/2011									<0.032					<0.032	<0.032											
4,4'-DDT	50-29-3	ug/L	10/11/2012								<0.032																		
4,4'-DDT	50-29-3	ug/L	3/30/2013																							<0.032	<0.032		
4,4'-DDT	50-29-3	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
4,4'-DDT	50-29-3	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
4,4'-DDT	50-29-3	ug/L	4/4/2016									<0.032					0.0111J	<0.032											
4,4'-DDT	50-29-3	ug/L	5/1/2018																		<0.0333	<0.0323							
4,4'-DDT	50-29-3	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
4,4'-DDT	50-29-3	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
4,4'-DDT	50-29-3	ug/L	6/24/2020		<0.0337																								
4,4'-DDT	50-29-3	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
4,4'-DDT	50-29-3	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/4/2011									<10					<10	<10											
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/30/2013																							<10	<10		
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/2/2014																					<10.1					
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/15/2014																					<10					
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/4/2016									<10					<10	<10											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/1/2018																		<10.4	<10.3							
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	6/24/2020		<10.4																								
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/20/2021		<8							<8					<8	<8											
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/23/2025	<10.4										<10.4					<10.4										
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/24/2025													<10.4													
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/5/2025						<10.2																				
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/6/2025										<10.4		<10.6														
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/7/2025				<10.2													<10.6									
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/8/2025			<9.80		<10.6																					
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/4/2026														<10.9												
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/6/2026															<15.6											
4-Aminobiphenyl	92-67-1	ug/L	4/14/2009	<20		<20	<20	<20	<20	<20																			
4-Aminobiphenyl	92-67-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
4-Aminobiphenyl	92-67-1	ug/L	4/4/2011									<10					<10	<10											
4-Aminobiphenyl	92-67-1	ug/L	3/30/2013																							<10	<10		
4-Aminobiphenyl	92-67-1	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
4-Aminobiphenyl	92-67-1	ug/L	6/2/2014																					<10.1					
4-Aminobiphenyl	92-67-1	ug/L	10/15/2014																					<10					
4-Aminobiphenyl	92-67-1	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
4-Aminobiphenyl	92-67-1	ug/L	4/4/2016									<10					<10	<10											
4-Aminobiphenyl	92-67-1	ug/L	5/1/2018																		<10.4	<10.3							
4-Aminobiphenyl	92-67-1	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
4-Aminobiphenyl	92-67-1	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
4-Aminobiphenyl	92-67-1	ug/L	6/24/2020		<10.4																								
4-Aminobiphenyl	92-67-1	ug/L	10/20/2021		<8							<8					<8	<8											
4-Aminobiphenyl	92-67-1	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
4-Aminobiphenyl	92-67-1	ug/L	4/23/2025	<10.4										<10.4					<10.4										
4-Aminobiphenyl	92-67-1	ug/L	4/24/2025													<10.4													
4-Aminobiphenyl	92-67-1	ug/L	5/5/2025						<10.2																				
4-Aminobiphenyl	92-67-1	ug/L	5/6/2025										<10.4		<10.6														
4-Aminobiphenyl	92-67-1	ug/L	5/7/2025				<10.2													<10.6									
4-Aminobiphenyl	92-67-1	ug/L	5/8/2025			<9.80		<10.6																					
4-Aminobiphenyl	92-67-1	ug/L	5/4/2026														<10.9												
4-Aminobiphenyl	92-67-1	ug/L	5/6/2026															<10.4											
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/4/2011									<10					<10	<10											
4-Bromophenyl phenyl ether	101-55-3	ug/L	3/30/2013																							<10	<10		
4-Bromophenyl phenyl ether	101-55-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
4-Bromophenyl phenyl ether	101-55-3	ug/L	6/2/2014																					<10.1					
4-Bromophenyl phenyl ether	101-55-3	ug/L	10/15/2014																					<10					
4-Bromophenyl phenyl ether	101-55-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/4/2016									<10					<10	<10											
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/1/2018																		<10.4	<10.3							
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
4-Bromophenyl phenyl ether	101-55-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
4-Bromophenyl phenyl ether	101-55-3	ug/L	6/24/2020		<10.4																								
4-Bromophenyl phenyl ether	101-55-3	ug/L	10/20/2021		<8							<8					<8	<8											
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/24/2025													<10.4													
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/5/2025						<10.2																				
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/6/2025										<10.4		<10.6														
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/7/2025				<10.2													<10.6									
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/8/2025			<9.80		<10.6																					
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/4/2026														<10.9												
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/6/2026															<10.4											
4-Chloro-3-methylphenol	59-50-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
4-Chloro-3-methylphenol	59-50-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
4-Chloro-3-methylphenol	59-50-7	ug/L	4/4/2011									<10					<10	<10											
4-Chloro-3-methylphenol	59-50-7	ug/L	3/30/2013																							<10	<10		
4-Chloro-3-methylphenol	59-50-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
4-Chloro-3-methylphenol	59-50-7	ug/L	6/2/2014																					<10.1					
4-Chloro-3-methylphenol	59-50-7	ug/L	10/15/2014																					<10					
4-Chloro-3-methylphenol	59-50-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
4-Chloro-3-methylphenol	59-50-7	ug/L	4/4/2016									<10					<10	<10											
4-Chloro-3-methylphenol	59-50-7	ug/L	5/1/2018																		0.644J	<10.3							
4-Chloro-3-methylphenol	59-50-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
4-Chloro-3-methylphenol	59-50-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
4-Chloro-3-methylphenol	59-50-7	ug/L	6/24/2020		<10.4																								
4-Chloro-3-methylphenol	59-50-7	ug/L	10/20/2021		<8							<8					<8	<8											
4-Chloro-3-methylphenol	59-50-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
4-Chloro-3-methylphenol	59-50-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
4-Chloro-3-methylphenol	59-50-7	ug/L	4/24/2025													<10.4													
4-Chloro-3-methylphenol	59-50-7	ug/L	5/5/2025						<10.2																				
4-Chloro-3-methylphenol	59-50-7	ug/L	5/6/2025										<10.4		<10.6														
4-Chloro-3-methylphenol	59-50-7	ug/L	5/7/2025				<10.2													<10.6									
4-Chloro-3-methylphenol	59-50-7	ug/L	5/8/2025			<9.80		<10.6																					
4-Chloro-3-methylphenol	59-50-7	ug/L	5/4/2026														<10.9												
4-Chloro-3-methylphenol	59-50-7	ug/L	5/6/2026															<10.4											
4-Chloroaniline	106-47-8	ug/L	4/23/2025	<10.4										<10.4					<10.4										
4-Chloroaniline	106-47-8	ug/L	4/24/2025													<10.4													
4-Chloroaniline	106-47-8	ug/L	5/5/2025						<10.2																				
4-Chloroaniline	106-47-8	ug/L	5/6/2025										<10.4		<10.6														
4-Chloroaniline	106-47-8	ug/L	5/7/2025				<10.2													<10.6									
4-Chloroaniline	106-47-8	ug/L	5/8/2025			<9.80		<10.6																					
4-Chloroaniline	106-47-8	ug/L	5/4/2026														<10.9												
4-Chloroaniline	106-47-8	ug/L	5/6/2026															<10.4											
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/4/2011									<10					<10	<10											
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/30/2013																							<10	<10		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/2/2014																					<10.1					
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/15/2014																					<10					
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/4/2016									<10					<10	<10											
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/1/2018																		<10.4	<10.3							
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	6/24/2020		<10.4																								
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/20/2021		<8							<8					<8	<8											
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/24/2025													<10.4													
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/5/2025						<10.2																				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/6/2025										<10.4		<10.6														
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/7/2025				<10.2													<10.6									
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/8/2025			<9.80		<10.6																					
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/4/2026														<10.9												
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/6/2026															<10.4											
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	2/27/2008	<10		<10	<10	<10	<10	<10																			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/12/2008	<10		<10	<10	<10	<10	<10																			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	7/13/2008	<10		<10	<10	<10	<10	<10																			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	9/14/2008	<10		<10	<10	<10	<10	<10																			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	11/17/2008	<10		<10	<10	<10	<10	<10																			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	7/7/2009										<10	<10	<10	<10			<10	<10									
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	9/2/2009										<10	<10	<10	<10			<10	<10									
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/25/2009	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	1/2/2010										<10	<10	<10	<10			<10	<10									
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	3/3/2010									<10	<10	<10	<10	<10	<10	<10	<10	<10									
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10									
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	7/8/2010									<10					<10	<10											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	9/13/2010									<10					<10	<10											
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	11/1/2010	<10		<10		<10	<10	<10			<10	<10	<10	<10													
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	1/10/2011									<10					<10	<10											
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/4/2011									<10					<10	<10											
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	8/11/2011																							<10			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/13/2011	<10		<10		<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10							<10			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	12/5/2011				<10													<10						<10			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/11/2012	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10						<10	<10		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	6/25/2012				<10			<10																<10	<10		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	8/1/2012							<10	<10										<10	<10	<10	<10	<10	<10	<10		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/11/2012	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	12/13/2012								<10										<10	<10	<10	<10	<10		<10		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	2/4/2013								<10										<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	3/30/2013	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/7/2013	<10		<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	<10	<10	<10	<10		<10		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	6/2/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/15/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/5/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/4/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/17/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/17/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/11/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/20/2018											<10					<10	<10									
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/23/2018	<10								<10	<10		<10	<10	<10												
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/25/2018						<10																				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/30/2018			<10	<10	<10										<10											
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/1/2018							<10											<10	<10							
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/2/2018																				<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/16/2018	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/16/2019	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	3/30/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	6/24/2020		<10																								
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	1/21/2021		<5																								
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/20/2021		<5			<5	<5			<5	<5				<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/2/2022		<5			<5	<5	<5	1.4J	<5	<5								1.6J	1.6J	1.3J	<5	<5	<5	<5	<5	<5
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/14/2022		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	1.1J
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/1/2023	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/16/2023		<10			<10	<10			<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/29/2024		<10			<10	<10	<10	<10	<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/9/2024		<10.0								<10.0														<10.0		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/10/2024						<10.0			<10.0														<10.0		<10.0	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/14/2024																		<10.0	<10.0		<10.0					<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/15/2024																				<10.0		<10.0				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/23/2025	<10.0										<10.0					<10.0										
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/24/2025													<10.0													
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/30/2025		<10.0							<10.0														<10.0	<10.0		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/5/2025						<10.0																			<10.0	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/6/2025										<10.0		<10.0														
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/7/2025				<10.0													<10.0	<10.0	<10.0	<10.0						
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/8/2025			<10.0		<10.0																					<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/9/2025							<10.0	<10.0													<10.0	<10.0				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/21/2025						<10.0																	<10.0	<10.0	<10.0	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/22/2025		<10.0							<10.0	<10.0																
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/23/2025					<10.0													<10.0	<10.0	<10.0	<10.0	<10.0				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/24/2025																										<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/4/2026									<10.0					<10.0									<10.0	<10.0		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/5/2026		<10.0				<10.0				<10.0															<10.0	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/6/2026							<10.0	<10.0							<10.0			<10.0								
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/8/2026					<10.0														<10.0	<10.0	<10.0	<10.0				<10.0
4-Nitroaniline	100-01-6	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
4-Nitroaniline	100-01-6	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
4-Nitroaniline	100-01-6	ug/L	4/4/2011									<10					<10	<10											
4-Nitroaniline	100-01-6	ug/L	3/30/2013																							<10	<10		
4-Nitroaniline	100-01-6	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
4-Nitroaniline	100-01-6	ug/L	6/2/2014																					<10.1					
4-Nitroaniline	100-01-6	ug/L	10/15/2014																					<10					
4-Nitroaniline	100-01-6	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
4-Nitroaniline	100-01-6	ug/L	4/4/2016									<10					<10	<10											
4-Nitroaniline	100-01-6	ug/L	5/1/2018																		<10.4	<10.3							
4-Nitroaniline	100-01-6	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
4-Nitroaniline	100-01-6	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
4-Nitroaniline	100-01-6	ug/L	6/24/2020		<10.4																								
4-Nitroaniline	100-01-6	ug/L	10/20/2021		<8							<8					<8	<8											
4-Nitroaniline	100-01-6	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
4-Nitroaniline	100-01-6	ug/L	4/23/2025	<10.4										<10.4					<10.4										
4-Nitroaniline	100-01-6	ug/L	4/24/2025													<10.4													
4-Nitroaniline	100-01-6	ug/L	5/5/2025						<10.2																				
4-Nitroaniline	100-01-6	ug/L	5/6/2025										<10.4		<10.6														
4-Nitroaniline	100-01-6	ug/L	5/7/2025				<10.2													<10.6								
4-Nitroaniline	100-01-6	ug/L	5/8/2025		<9.80			<10.6																					
4-Nitroaniline	100-01-6	ug/L	5/4/2026														<10.9												
4-Nitroaniline	100-01-6	ug/L	5/6/2026															<10.4											
4-Nitrophenol	100-02-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
4-Nitrophenol	100-02-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
4-Nitrophenol	100-02-7	ug/L	4/4/2011									<10					<10	<10											
4-Nitrophenol	100-02-7	ug/L	3/30/2013																							<10	<10		
4-Nitrophenol	100-02-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
4-Nitrophenol	100-02-7	ug/L	6/2/2014																					<10.1					
4-Nitrophenol	100-02-7	ug/L	10/15/2014																					<10					
4-Nitrophenol	100-02-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
4-Nitrophenol	100-02-7	ug/L	4/4/2016									<10					<10	<10											
4-Nitrophenol	100-02-7	ug/L	5/1/2018																		<10.4	<10.3							
4-Nitrophenol	100-02-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
4-Nitrophenol	100-02-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
4-Nitrophenol	100-02-7	ug/L	6/24/2020		<10.4																								
4-Nitrophenol	100-02-7	ug/L	10/20/2021		<8							<8					<8	<8											
4-Nitrophenol	100-02-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
4-Nitrophenol	100-02-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
4-Nitrophenol	100-02-7	ug/L	4/24/2025													<10.4													
4-Nitrophenol	100-02-7	ug/L	5/5/2025						<10.2																				
4-Nitrophenol	100-02-7	ug/L	5/6/2025										<10.4		<10.6														
4-Nitrophenol	100-02-7	ug/L	5/7/2025				<10.2													<10.6								
4-Nitrophenol	100-02-7	ug/L	5/8/2025		<9.80			<10.6																					
4-Nitrophenol	100-02-7	ug/L	5/4/2026														<10.9												
4-Nitrophenol	100-02-7	ug/L	5/6/2026															<15.6											
5-Nitro-o-toluidine	99-55-8	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
5-Nitro-o-toluidine	99-55-8	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
5-Nitro-o-toluidine	99-55-8	ug/L	4/4/2011									<10					<10	<10											
5-Nitro-o-toluidine	99-55-8	ug/L	3/30/2013																							<10	<10		
5-Nitro-o-toluidine	99-55-8	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
5-Nitro-o-toluidine	99-55-8	ug/L	6/2/2014																					<10.1					
5-Nitro-o-toluidine	99-55-8	ug/L	10/15/2014																					<10					
5-Nitro-o-toluidine	99-55-8	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
5-Nitro-o-toluidine	99-55-8	ug/L	4/4/2016									<10					<10	<10											
5-Nitro-o-toluidine	99-55-8	ug/L	5/1/2018																		<10.4	<10.3							
5-Nitro-o-toluidine	99-55-8	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
5-Nitro-o-toluidine	99-55-8	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
5-Nitro-o-toluidine	99-55-8	ug/L	6/24/2020		<10.4																								
5-Nitro-o-toluidine	99-55-8	ug/L	10/20/2021		<8							<8					<8	<8											
5-Nitro-o-toluidine	99-55-8	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
5-Nitro-o-toluidine	99-55-8	ug/L	4/23/2025	<10.4										<10.4					<10.4										
5-Nitro-o-toluidine	99-55-8	ug/L	4/24/2025													<10.4													

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
5-Nitro-o-toluidine	99-55-8	ug/L	5/5/2025						<10.2																				
5-Nitro-o-toluidine	99-55-8	ug/L	5/6/2025										<10.4		<10.6														
5-Nitro-o-toluidine	99-55-8	ug/L	5/7/2025				<10.2													<10.6									
5-Nitro-o-toluidine	99-55-8	ug/L	5/8/2025			<9.80		<10.6																					
5-Nitro-o-toluidine	99-55-8	ug/L	5/4/2026														<10.9												
5-Nitro-o-toluidine	99-55-8	ug/L	5/6/2026															<10.4											
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	4/23/2025	<10.4										<10.4					<10.4										
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	4/24/2025													<10.4													
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	5/5/2025						<10.2																				
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	5/6/2025										<10.4		<10.6														
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	5/7/2025				<10.2													<10.6									
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	5/8/2025			<9.80		<10.6																					
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	5/4/2026														<10.9												
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	5/6/2026															<10.4											
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	4/4/2011									<10					<10	<10											
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	3/30/2013																							<10	<10		
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	6/2/2014																					<10.1					
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	10/15/2014																					<10					
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	4/4/2016									<10					<10	<10											
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	5/1/2018																		<10.4	<10.3							
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	6/24/2020		<10.4																								
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	10/20/2021		<8							<8					<8	<8											
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Acenaphthene	83-32-9	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Acenaphthene	83-32-9	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Acenaphthene	83-32-9	ug/L	4/4/2011									<10					<10	<10											
Acenaphthene	83-32-9	ug/L	3/30/2013																							<10	<10		
Acenaphthene	83-32-9	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Acenaphthene	83-32-9	ug/L	6/2/2014																					<10.1					
Acenaphthene	83-32-9	ug/L	10/15/2014																					<10					
Acenaphthene	83-32-9	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Acenaphthene	83-32-9	ug/L	4/4/2016									<10					<10	<10											
Acenaphthene	83-32-9	ug/L	5/1/2018																		<10.4	<10.3							
Acenaphthene	83-32-9	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Acenaphthene	83-32-9	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Acenaphthene	83-32-9	ug/L	6/24/2020		<10.4																								
Acenaphthene	83-32-9	ug/L	10/20/2021		<8							<8					<8	<8											
Acenaphthene	83-32-9	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Acenaphthene	83-32-9	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Acenaphthene	83-32-9	ug/L	4/24/2025													<10.4													
Acenaphthene	83-32-9	ug/L	5/5/2025						<10.2																				
Acenaphthene	83-32-9	ug/L	5/6/2025										<10.4		<10.6														
Acenaphthene	83-32-9	ug/L	5/7/2025				<10.2													<10.6									
Acenaphthene	83-32-9	ug/L	5/8/2025			<9.80		<10.6																					
Acenaphthene	83-32-9	ug/L	5/4/2026														<10.9												
Acenaphthene	83-32-9	ug/L	5/6/2026															<10.4											
Acenaphthylene	208-96-8	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Acenaphthylene	208-96-8	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Acenaphthylene	208-96-8	ug/L	4/4/2011									<10					<10	<10											
Acenaphthylene	208-96-8	ug/L	3/30/2013																							<10	<10		
Acenaphthylene	208-96-8	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Acenaphthylene	208-96-8	ug/L	6/2/2014																					<10.1					
Acenaphthylene	208-96-8	ug/L	10/15/2014																					<10					
Acenaphthylene	208-96-8	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Acenaphthylene	208-96-8	ug/L	4/4/2016									<10					<10	<10											
Acenaphthylene	208-96-8	ug/L	5/1/2018																		<10.4	<10.3							
Acenaphthylene	208-96-8	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Acenaphthylene	208-96-8	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Acenaphthylene	208-96-8	ug/L	6/24/2020		<10.4																								
Acenaphthylene	208-96-8	ug/L	10/20/2021		<8							<8					<8	<8											
Acenaphthylene	208-96-8	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Acenaphthylene	208-96-8	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Acenaphthylene	208-96-8	ug/L	4/24/2025													<10.4													
Acenaphthylene	208-96-8	ug/L	5/5/2025						<10.2																				
Acenaphthylene	208-96-8	ug/L	5/6/2025										<10.4		<10.6														
Acenaphthylene	208-96-8	ug/L	5/7/2025				<10.2													<10.6									
Acenaphthylene	208-96-8	ug/L	5/8/2025			<9.80		<10.6																					
Acenaphthylene	208-96-8	ug/L	5/4/2026														<10.9												
Acenaphthylene	208-96-8	ug/L	5/6/2026															<10.4											
Acetone	67-64-1	ug/L	2/27/2008	<10		<10	<10	<10	<10	<10																			
Acetone	67-64-1	ug/L	5/12/2008	<10		<10	<10	<10	<10	<10																			
Acetone	67-64-1	ug/L	7/13/2008	<10		<10	<10	<10	<10	<10																			
Acetone	67-64-1	ug/L	9/14/2008	<10		<10	<10	<10	<10	<10																			
Acetone	67-64-1	ug/L	11/17/2008	<10		<10	<10	<10	<10	<10																			
Acetone	67-64-1	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Acetone	67-64-1	ug/L	7/7/2009										<10	<10	<10	<10			<10	<10									
Acetone	67-64-1	ug/L	9/2/2009										<10	<10	<10	<10			<10	<10									
Acetone	67-64-1	ug/L	10/25/2009	<10		19.3	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Acetone	67-64-1	ug/L	1/2/2010										<10	<10	<10	<10			<10	<10									
Acetone	67-64-1	ug/L	3/3/2010									<10	<10	<10	<10	<10	<10	<10	<10	<10									
Acetone	67-64-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10									
Acetone	67-64-1	ug/L	7/8/2010							<10		<10					<10	<10											
Acetone	67-64-1	ug/L	9/13/2010							<10		<10					<10	<10											
Acetone	67-64-1	ug/L	11/1/2010	<10		<10		<10	<10	<10			<10	<10	<10	<10													
Acetone	67-64-1	ug/L	1/10/2011							<10		<10					<10	<10											
Acetone	67-64-1	ug/L	4/4/2011							<10		<10					<10	<10											
Acetone	67-64-1	ug/L	8/11/2011																							<10			
Acetone	67-64-1	ug/L	10/13/2011	<10		<10		<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10							<10			
Acetone	67-64-1	ug/L	12/5/2011				<10													<10						<10			
Acetone	67-64-1	ug/L	4/11/2012	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10						<10	<10		
Acetone	67-64-1	ug/L	6/25/2012					<10		<10																<10	<10		
Acetone	67-64-1	ug/L	8/1/2012							<10	<10										<10	<10	<10	<10	<10	<10	<10		
Acetone	67-64-1	ug/L	10/11/2012	<10		<10	<10	<10	<10		<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
Acetone	67-64-1	ug/L	12/13/2012								<10										<10	<10	<10	<10	<10	<10	<10		
Acetone	67-64-1	ug/L	2/4/2013								<10										<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	3/30/2013	<10		<10	<10	<10	<10		<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
Acetone	67-64-1	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	10/7/2013	<10		<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	<10	<10	<10	<10		<10		
Acetone	67-64-1	ug/L	6/2/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	10/15/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	4/6/2015	<10		<10; 2.28J	3.08J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	2.47J	1.83J	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	10/5/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	4/4/2016	<10		<10	<10	<10	<10	<10	1.84J	<10	<10	<10	<10	2.44J	6.58J	<10	2.32J	1.93J	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	10/17/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	4/17/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	10/11/2017	2.34J		3.25J	3.45J	2.73J	3.38J	<10	2.72J	6.08J	3.34J	<10	4.28J	7.29J	5.99J	2.89J	<10	3.93J	<10	3.9J	2.24J	4.27J	<10				
Acetone	67-64-1	ug/L	4/20/2018											<10					<10	<10									
Acetone	67-64-1	ug/L	4/23/2018	<10								<10	<10		<10	<10	<10												
Acetone	67-64-1	ug/L	4/25/2018						1.87J																				
Acetone	67-64-1	ug/L	4/30/2018			<10	<10	1.93J										5.92J											
Acetone	67-64-1	ug/L	5/1/2018								1.82J										<10	<10							
Acetone	67-64-1	ug/L	5/2/2018																				<10	<10	<10				
Acetone	67-64-1	ug/L	10/16/2018	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	3.7J	<10	3.25J	3.16J	<10	<10	<10				
Acetone	67-64-1	ug/L	4/16/2019	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	10/1/2019	3.93J	<10	<10	<10	<10	<10	<10	<10	<10	3.12J	<10	<10	<10	3.78J	3.24J	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	3/30/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	6/24/2020		<10																								
Acetone	67-64-1	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	1/21/2021		<10																								
Acetone	67-64-1	ug/L	4/13/2021	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	10/20/2021		<10			<10	<10			<10	<10				<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Acetone	67-64-1	ug/L	5/2/2022		<10			<10	<10	<10	<10	<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/14/2022		<10			<10	<10			<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	5/1/2023	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/16/2023		<10			<10	<10			<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	4/29/2024		<10			<10	<10	<10	<10	<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/9/2024		<10.0								<10.0														<10.0		
Acetone	67-64-1	ug/L	10/10/2024						<10.0			<10.0														<10.0	<10.0	
Acetone	67-64-1	ug/L	10/14/2024																		<10.0	<10.0		<10.0					<10.0
Acetone	67-64-1	ug/L	10/15/2024																				<10.0		<10.0				
Acetone	67-64-1	ug/L	4/23/2025	<10.0										<10.0					<10.0										
Acetone	67-64-1	ug/L	4/24/2025													<10.0													
Acetone	67-64-1	ug/L	4/30/2025		<10.0							<10.0														<10.0	<10.0		
Acetone	67-64-1	ug/L	5/5/2025						<10.0																			<10.0	
Acetone	67-64-1	ug/L	5/6/2025										<10.0		<10.0														
Acetone	67-64-1	ug/L	5/7/2025				<10.0													<10.0	<10.0	<10.0	<10.0						
Acetone	67-64-1	ug/L	5/8/2025			<10.0		<10.0																					<10.0
Acetone	67-64-1	ug/L	5/9/2025							<10.0	<10.0													<10.0	<10.0				
Acetone	67-64-1	ug/L	10/21/2025						<10.0																	<10.0	<10.0	<10.0	
Acetone	67-64-1	ug/L	10/22/2025		<10.0							<10.0	<10.0																
Acetone	67-64-1	ug/L	10/23/2025					<10.0													<10.0	<10.0	<10.0	<10.0	<10.0				
Acetone	67-64-1	ug/L	10/24/2025																										<10.0
Acetone	67-64-1	ug/L	5/4/2026									<10.0					<10.0									<10.0	<10.0		
Acetone	67-64-1	ug/L	5/5/2026		<10.0				<10.0				<10.0															<10.0	
Acetone	67-64-1	ug/L	5/6/2026							<10.0	<10.0							<10.0			<10.0								
Acetone	67-64-1	ug/L	5/8/2026					<10.0														<10.0	<10.0	<10.0	<10.0				<10.0
Acetonitrile	75-05-8	mg/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Acetonitrile	75-05-8	mg/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Acetonitrile	75-05-8	mg/L	4/4/2011									<10					<10	<10											
Acetonitrile	75-05-8	mg/L	3/30/2013																							<10	<10		
Acetonitrile	75-05-8	mg/L	7/10/2013																		<10	<10	<10	<10	<10				
Acetonitrile	75-05-8	mg/L	10/5/2015	<10		<10	<10	<10	<10				<10	<10	<10	<10			<10	<10									
Acetonitrile	75-05-8	mg/L	4/4/2016									<10					<10	<10											
Acetonitrile	75-05-8	mg/L	5/1/2018																		<10	<10							
Acetonitrile	75-05-8	mg/L	5/2/2018																				<10	<10	<10				
Acetonitrile	75-05-8	mg/L	3/30/2020	0.571J		<10	<10	<10	<10				<10	<10	<10	<10			<10	0.623J									
Acetonitrile	75-05-8	mg/L	6/24/2020		0.439J																								
Acetonitrile	75-05-8	mg/L	10/20/2021		<0.01							<0.01					<0.01	<0.01											
Acetonitrile	75-05-8	mg/L	5/1/2023																		<10	<10	<10	<10	<10				
Acetonitrile	75-05-8	mg/L	4/23/2025	<10.0										<10.0					<10.0										
Acetonitrile	75-05-8	mg/L	4/24/2025													<10.0													
Acetonitrile	75-05-8	mg/L	5/5/2025						<10.0																				
Acetonitrile	75-05-8	mg/L	5/6/2025										<10.0		<10.0														
Acetonitrile	75-05-8	mg/L	5/7/2025				<10.0													<10.0									
Acetonitrile	75-05-8	mg/L	5/8/2025			<10.0		<10.0																					
Acetonitrile	75-05-8	mg/L	5/9/2025														<10.0												
Acetonitrile	75-05-8	mg/L	5/6/2026															<10.0											
Acetophenone	98-86-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Acetophenone	98-86-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Acetophenone	98-86-2	ug/L	4/4/2011									<10					<10	<10											
Acetophenone	98-86-2	ug/L	3/30/2013																							<10	<10		
Acetophenone	98-86-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Acetophenone	98-86-2	ug/L	6/2/2014																					<10.1					
Acetophenone	98-86-2	ug/L	10/15/2014																					<10					
Acetophenone	98-86-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Acetophenone	98-86-2	ug/L	4/4/2016									<10					<10	<10											
Acetophenone	98-86-2	ug/L	5/1/2018																		<10.4	<10.3							
Acetophenone	98-86-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Acetophenone	98-86-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Acetophenone	98-86-2	ug/L	6/24/2020		<10.4																								
Acetophenone	98-86-2	ug/L	10/20/2021		<8							<8					<8	<8											
Acetophenone	98-86-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Acetophenone	98-86-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Acetophenone	98-86-2	ug/L	4/24/2025													<10.4													
Acetophenone	98-86-2	ug/L	5/5/2025						<10.2																				
Acetophenone	98-86-2	ug/L	5/6/2025										<10.4		<10.6														
Acetophenone	98-86-2	ug/L	5/7/2025				<10.2													<10.6									
Acetophenone	98-86-2	ug/L	5/8/2025			<9.80		<10.6																					
Acetophenone	98-86-2	ug/L	5/4/2026														<10.9												
Acetophenone	98-86-2	ug/L	5/6/2026															<10.4											
Acrolein	107-02-8	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Acrolein	107-02-8	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Acrolein	107-02-8	ug/L	4/4/2011									<10					<10	<10											
Acrolein	107-02-8	ug/L	10/11/2012								<10																		
Acrolein	107-02-8	ug/L	3/30/2013																							<10	<10		
Acrolein	107-02-8	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
Acrolein	107-02-8	ug/L	10/5/2015	<10		<10	<10	<10	<10				<10	<10	<10	<10			<10	<10									
Acrolein	107-02-8	ug/L	4/4/2016									<10					<10	<10											
Acrolein	107-02-8	ug/L	5/1/2018																		<10	<10							
Acrolein	107-02-8	ug/L	5/2/2018																				<10	<10	<10				
Acrolein	107-02-8	ug/L	3/30/2020	<10		<10	<10	<10	<10				<10	<10	<10	<10			<10	<10									
Acrolein	107-02-8	ug/L	6/24/2020		<10																								
Acrolein	107-02-8	ug/L	10/20/2021		<10							<10					<10	<10											
Acrolein	107-02-8	ug/L	5/1/2023																		<10	<10	<10	<10	<10				
Acrolein	107-02-8	ug/L	4/23/2025	<10.0										<10.0					<10.0										
Acrolein	107-02-8	ug/L	4/24/2025													<10.0													
Acrolein	107-02-8	ug/L	5/5/2025						<10.0																				
Acrolein	107-02-8	ug/L	5/6/2025										<10.0		<10.0														
Acrolein	107-02-8	ug/L	5/7/2025				<10.0													<10.0									
Acrolein	107-02-8	ug/L	5/8/2025			<10.0		<10.0																					
Acrolein	107-02-8	ug/L	5/4/2026														<10.0												
Acrolein	107-02-8	ug/L	5/6/2026															<10.0											
Acrylonitrile	107-13-1	ug/L	2/27/2008	<10		<10	<10	<10	<10	<10																			
Acrylonitrile	107-13-1	ug/L	5/12/2008	<10		<10	<10	<10	<10	<10																			
Acrylonitrile	107-13-1	ug/L	7/13/2008	<10		<10	<10	<10	<10	<10																			
Acrylonitrile	107-13-1	ug/L	9/14/2008	<10		<10	<10	<10	<10	<10																			
Acrylonitrile	107-13-1	ug/L	11/17/2008	<10		<10	<10	<10	<10	<10																			
Acrylonitrile	107-13-1	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Acrylonitrile	107-13-1	ug/L	7/7/2009										<10	<10	<10	<10			<10	<10									
Acrylonitrile	107-13-1	ug/L	9/2/2009										<10	<10	<10	<10			<10	<10									
Acrylonitrile	107-13-1	ug/L	10/25/2009	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Acrylonitrile	107-13-1	ug/L	1/2/2010										<10	<10	<10	<10			<10	<10									
Acrylonitrile	107-13-1	ug/L	3/3/2010									<10	<10	<10	<10	<10	<10	<10	<10	<10									
Acrylonitrile	107-13-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10	<10	<10									
Acrylonitrile	107-13-1	ug/L	7/8/2010									<10					<10	<10											
Acrylonitrile	107-13-1	ug/L	9/13/2010									<10					<10	<10											
Acrylonitrile	107-13-1	ug/L	11/1/2010	<10		<10		<10	<10	<10			<10	<10	<10	<10	<10												
Acrylonitrile	107-13-1	ug/L	1/10/2011									<10					<10	<10											
Acrylonitrile	107-13-1	ug/L	4/4/2011									<10					<10	<10											
Acrylonitrile	107-13-1	ug/L	8/11/2011																							<10			
Acrylonitrile	107-13-1	ug/L	10/13/2011	<10		<10		<10	<10	<10			<10	<10	<10	<10	<10	<10	<10	<10						<10			
Acrylonitrile	107-13-1	ug/L	12/5/2011				<10													<10						<10		
Acrylonitrile	107-13-1	ug/L	4/11/2012	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10	<10	<10						<10	<10		
Acrylonitrile	107-13-1	ug/L	6/25/2012					<10		<10																<10	<10		
Acrylonitrile	107-13-1	ug/L	8/1/2012							<10	<10										<10	<10	<10	<10	<10	<10	<10		
Acrylonitrile	107-13-1	ug/L	10/11/2012	<10		<10	<10	<10	<10		<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
Acrylonitrile	107-13-1	ug/L	12/13/2012								<10										<10	<10	<10	<10	<10		<10		
Acrylonitrile	107-13-1	ug/L	2/4/2013								<10										<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	3/30/2013	<10		<10	<10	<10	<10		<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
Acrylonitrile	107-13-1	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	10/7/2013	<10		<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10		
Acrylonitrile	107-13-1	ug/L	6/2/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	10/15/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	4/6/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	10/5/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	4/4/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	10/17/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	4/17/2017	4.15J		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Acrylonitrile	107-13-1	ug/L	10/11/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Acrylonitrile	107-13-1	ug/L	4/20/2018											<5					<5	<5										
Acrylonitrile	107-13-1	ug/L	4/23/2018	<5								<5	<5		<5	<5	<5													
Acrylonitrile	107-13-1	ug/L	4/25/2018						<5																					
Acrylonitrile	107-13-1	ug/L	4/30/2018			<5	<5	<5										<5												
Acrylonitrile	107-13-1	ug/L	5/1/2018								<5										<5	<5								
Acrylonitrile	107-13-1	ug/L	5/2/2018																				<5	<5	<5					
Acrylonitrile	107-13-1	ug/L	10/16/2018	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5					
Acrylonitrile	107-13-1	ug/L	4/16/2019	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5					
Acrylonitrile	107-13-1	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5					
Acrylonitrile	107-13-1	ug/L	3/30/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5					
Acrylonitrile	107-13-1	ug/L	6/24/2020		<5																									
Acrylonitrile	107-13-1	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5					
Acrylonitrile	107-13-1	ug/L	1/21/2021		<5																									
Acrylonitrile	107-13-1	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5					
Acrylonitrile	107-13-1	ug/L	10/20/2021		<5			<5	<5			<5	<5				<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	5/2/2022		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	10/14/2022		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	5/1/2023	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	10/16/2023		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	4/29/2024		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	10/9/2024		<5.00								<5.00														<5.00		
Acrylonitrile	107-13-1	ug/L	10/10/2024						<5.00			<5.00													<5.00		<5.00	
Acrylonitrile	107-13-1	ug/L	10/14/2024																		<5.00	<5.00		<5.00					<5.00
Acrylonitrile	107-13-1	ug/L	10/15/2024																				<5.00		<5.00				
Acrylonitrile	107-13-1	ug/L	4/23/2025	<5.00										<5.00					<5.00										
Acrylonitrile	107-13-1	ug/L	4/24/2025													<5.00													
Acrylonitrile	107-13-1	ug/L	4/30/2025		<5.00							<5.00														<5.00	<5.00		
Acrylonitrile	107-13-1	ug/L	5/5/2025						<5.00																			<5.00	
Acrylonitrile	107-13-1	ug/L	5/6/2025										<5.00		<5.00														
Acrylonitrile	107-13-1	ug/L	5/7/2025				<5.00													<5.00	<5.00	<5.00	<5.00						
Acrylonitrile	107-13-1	ug/L	5/8/2025			<5.00		<5.00																					<5.00
Acrylonitrile	107-13-1	ug/L	5/9/2025							<5.00	<5.00													<5.00	<5.00				
Acrylonitrile	107-13-1	ug/L	10/21/2025						<5.00																	<5.00	<5.00	<5.00	
Acrylonitrile	107-13-1	ug/L	10/22/2025		<5.00							<5.00	<5.00																
Acrylonitrile	107-13-1	ug/L	10/23/2025					<5.00													<5.00	<5.00	<5.00	<5.00	<5.00				
Acrylonitrile	107-13-1	ug/L	10/24/2025																										<5.00
Acrylonitrile	107-13-1	ug/L	5/4/2026									<5.00					<5.00									<5.00	<5.00		
Acrylonitrile	107-13-1	ug/L	5/5/2026		<5.00				<5.00				<5.00															<5.00	
Acrylonitrile	107-13-1	ug/L	5/6/2026							<5.00	<5.00							<5.00			<5.00								
Acrylonitrile	107-13-1	ug/L	5/8/2026					<5.00														<5.00	<5.00	<5.00	<5.00				<5.00
Aldrin	309-00-2	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Aldrin	309-00-2	ug/L	10/25/2009							<0.032																			
Aldrin	309-00-2	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Aldrin	309-00-2	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Aldrin	309-00-2	ug/L	10/11/2012								<0.032																		
Aldrin	309-00-2	ug/L	3/30/2013																							<0.032	<0.032		
Aldrin	309-00-2	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Aldrin	309-00-2	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Aldrin	309-00-2	ug/L	4/4/2016									<0.032					<0.032	<0.032											
Aldrin	309-00-2	ug/L	5/1/2018																		<0.0333	<0.0323							
Aldrin	309-00-2	ug/L	5/2/2018																				<0.0337	0.00705J	<0.0333				
Aldrin	309-00-2	ug/L	3/30/2020	<0.0333		<0.00474	<0.0333	<0.0344	<0.0337				<0.00474	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
Aldrin	309-00-2	ug/L	6/24/2020		<0.0337																								
Aldrin	309-00-2	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Aldrin	309-00-2	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Aldrin	309-00-2	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
Aldrin	309-00-2	ug/L	4/24/2025													<0.0921													
Aldrin	309-00-2	ug/L	5/5/2025						<0.0895																				
Aldrin	309-00-2	ug/L	5/6/2025										<0.0907		<0.0902														
Aldrin	309-00-2	ug/L	5/7/2025				<0.0907													<0.0904									
Aldrin	309-00-2	ug/L	5/8/2025			<0.0882		<0.0904																					
Aldrin	309-00-2	ug/L	5/4/2026														<0.117												
Aldrin	309-00-2	ug/L	5/6/2026															<0.119											
Alkalinity, Phenol [CaCO3]	PALK	mg/L	6/2/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Alkalinity, Phenol [CaCO3]	PALK	mg/L	10/15/2014	<5			<5		<5			<5	<5	<5	<5	<5	<5		<5	<5						<5			
Alkalinity, Total [CaCO3]	TALK	mg/L	6/2/2014	537		351	557	346	206	330	341	449	480	263	464	392	604	454	433	439	464	129	377	439	402				
Alkalinity, Total [CaCO3]	TALK	mg/L	10/15/2014	508		356	707	356	186	320	341	459	429	258	490	356	697	485	423	454	475	119	382	449	402	205			
Allyl Chloride	107-05-1	ug/L	4/14/2009	<2		<2	<2	<2	<2	<2																			
Allyl Chloride	107-05-1	ug/L	5/10/2010	<2		<2	<2	<2	<2	<2			<2	<2	<2	<2			<2	<2									
Allyl Chloride	107-05-1	ug/L	4/4/2011									<5					<5	<10											
Allyl Chloride	107-05-1	ug/L	10/11/2012								<2																		
Allyl Chloride	107-05-1	ug/L	3/30/2013																							<2	<2		
Allyl Chloride	107-05-1	ug/L	7/10/2013																		<2	<2	<2	<2	<2				
Allyl Chloride	107-05-1	ug/L	10/5/2015	<2		<2	<2	<2	<2				<2	<2	<2	<2			<2	<2									
Allyl Chloride	107-05-1	ug/L	4/4/2016									<2					<2	<2											
Allyl Chloride	107-05-1	ug/L	5/1/2018																		<2	<2							
Allyl Chloride	107-05-1	ug/L	5/2/2018																				<2	<2	<2				
Allyl Chloride	107-05-1	ug/L	3/30/2020	<2		<2	<2	<2	<2				<2	<2	<2	<2			<2	<2									
Allyl Chloride	107-05-1	ug/L	6/24/2020		<2																								
Allyl Chloride	107-05-1	ug/L	10/20/2021		<1							<1					<1	<1											
Allyl Chloride	107-05-1	ug/L	5/1/2023																		<2	<2	<2	<2	<2				
Allyl chloride	107-05-1	ug/L	4/23/2025	<2.00										<2.00					<2.00										
Allyl chloride	107-05-1	ug/L	4/24/2025													<2.00													
Allyl chloride	107-05-1	ug/L	5/5/2025						<2.00																				
Allyl chloride	107-05-1	ug/L	5/6/2025										<2.00		<2.00														
Allyl chloride	107-05-1	ug/L	5/7/2025				<2.00													<2.00									
Allyl chloride	107-05-1	ug/L	5/8/2025			<2.00		<2.00																					
Allyl chloride	107-05-1	ug/L	5/4/2026														<2.00												
Allyl chloride	107-05-1	ug/L	5/6/2026															<2.00											
Alpha-BHC	319-84-6	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Alpha-BHC	319-84-6	ug/L	10/25/2009							<0.032																			
Alpha-BHC	319-84-6	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Alpha-BHC	319-84-6	ug/L	7/8/2010							<0.032																			
Alpha-BHC	319-84-6	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Alpha-BHC	319-84-6	ug/L	10/11/2012								<0.032																		
Alpha-BHC	319-84-6	ug/L	3/30/2013																							<0.032	<0.032		
Alpha-BHC	319-84-6	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Alpha-BHC	319-84-6	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	0.002J			<0.0348	<0.0323									
Alpha-BHC	319-84-6	ug/L	4/4/2016									<0.032					0.00742J	<0.032											
Alpha-BHC	319-84-6	ug/L	5/1/2018																		<0.0333	<0.0323							
Alpha-BHC	319-84-6	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Alpha-BHC	319-84-6	ug/L	3/30/2020	<0.0333		0.00448J	0.0021J	0.00194J	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
Alpha-BHC	319-84-6	ug/L	6/24/2020		0.00497J																								
Alpha-BHC	319-84-6	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Alpha-BHC	319-84-6	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Alpha-Chlordane	5103-71-9	ug/L	5/10/2010			<0.032		<0.032		<0.032									<0.032										
Ammonia as N	7664-41-7	mg/L	4/6/2015	<0.2		<0.2	0.131J	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	3.13	<0.2	<0.2	0.087J	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		
Ammonia as N	7664-41-7	mg/L	10/5/2015	<0.2		<0.2	0.279	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.101J	3.98	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		
Ammonia as N	7664-41-7	mg/L	4/4/2016	<0.2		<0.2	0.121J	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	3.93	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		
Ammonia as N	7664-41-7	mg/L	10/17/2016	<0.2		0.303	0.157J	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	2.57	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		
Anthracene	120-12-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Anthracene	120-12-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Anthracene	120-12-7	ug/L	4/4/2011									<10					<10	<10											
Anthracene	120-12-7	ug/L	3/30/2013																							<10	<10		
Anthracene	120-12-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Anthracene	120-12-7	ug/L	6/2/2014																					<10.1					
Anthracene	120-12-7	ug/L	10/15/2014																					<10					
Anthracene	120-12-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Anthracene	120-12-7	ug/L	4/4/2016									<10					<10	<10											
Anthracene	120-12-7	ug/L	5/1/2018																		<10.4	<10.3							
Anthracene	120-12-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Anthracene	120-12-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Anthracene	120-12-7	ug/L	6/24/2020		<10.4																								
Anthracene	120-12-7	ug/L	10/20/2021		<8							<8					<8	<8											
Anthracene	120-12-7	ug/L	5/1/2023																		<10.8	<10	<9.8	<10.6	<10				
Anthracene	120-12-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Anthracene	120-12-7	ug/L	4/24/2025													<10.4													
Anthracene	120-12-7	ug/L	5/5/2025						<10.2																				
Anthracene	120-12-7	ug/L	5/6/2025										<10.4		<10.6														
Anthracene	120-12-7	ug/L	5/7/2025				<10.2													<10.6									
Anthracene	120-12-7	ug/L	5/8/2025			<9.80		<10.6																					
Anthracene	120-12-7	ug/L	5/4/2026														<10.9												
Anthracene	120-12-7	ug/L	5/6/2026															<10.4											
Antimony	7440-36-0	mg/L	2/27/2008	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006																			
Antimony	7440-36-0	mg/L	5/12/2008	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006																			
Antimony	7440-36-0	mg/L	7/13/2008	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006																			
Antimony	7440-36-0	mg/L	9/14/2008	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006																			
Antimony	7440-36-0	mg/L	11/17/2008	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006																			
Antimony	7440-36-0	mg/L	4/14/2009	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006																			
Antimony	7440-36-0	mg/L	7/7/2009										<0.006	<0.006	<0.006	<0.006			<0.006	<0.006									
Antimony	7440-36-0	mg/L	9/2/2009										<0.006	<0.006	<0.006	<0.006			<0.006	<0.006									
Antimony	7440-36-0	mg/L	10/25/2009	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006			<0.006	<0.006	<0.006	<0.006			<0.006	<0.006									
Antimony	7440-36-0	mg/L	1/2/2010										<0.006	<0.006	<0.006	<0.006			<0.006	<0.006									
Antimony	7440-36-0	mg/L	3/3/2010									<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006									
Antimony	7440-36-0	mg/L	5/10/2010	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002									
Antimony	7440-36-0	mg/L	7/8/2010									<0.006					<0.006	<0.006											
Antimony	7440-36-0	mg/L	9/13/2010									<0.006					0.00656	0.0145											
Antimony	7440-36-0	mg/L	11/1/2010	<0.006		<0.006		<0.006	<0.006	<0.006			<0.006	<0.006	<0.006	<0.006													
Antimony	7440-36-0	mg/L	1/10/2011									<0.006					<0.006	<0.006											
Antimony	7440-36-0	mg/L	4/4/2011							<0.006		<0.006					<0.006	<0.006											
Antimony	7440-36-0	mg/L	7/8/2011							<0.006							<0.006	<0.006											
Antimony	7440-36-0	mg/L	8/11/2011							<0.006							<0.006	<0.006								<0.006			
Antimony	7440-36-0	mg/L	10/13/2011	<0.006		<0.006		<0.006	<0.006	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006							<0.006			
Antimony	7440-36-0	mg/L	12/5/2011				<0.006			<0.006							<0.006	<0.006		<0.006						<0.006			
Antimony	7440-36-0	mg/L	4/11/2012	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006						<0.006	<0.006		
Antimony	7440-36-0	mg/L	6/25/2012					<0.012		<0.006																<0.006	<0.006		
Antimony	7440-36-0	mg/L	8/1/2012							<0.006	<0.006										<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006		
Antimony	7440-36-0	mg/L	10/11/2012	<0.012		<0.012	<0.012	<0.012	<0.012		<0.012	<0.012			<0.012	<0.012	<0.006	<0.018	<0.012	<0.012	<0.012	<0.006	<0.012	<0.012	<0.012	<0.006	<0.006		
Antimony	7440-36-0	mg/L	12/13/2012								<0.006										<0.024	<0.006	<0.012	<0.012	<0.012		<0.006		
Antimony	7440-36-0	mg/L	2/4/2013								<0.006										<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	3/30/2013	<0.006		<0.006	<0.006	<0.006	<0.006		<0.006	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006		
Antimony	7440-36-0	mg/L	7/10/2013																		<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	10/7/2013	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006		
Antimony	7440-36-0	mg/L	6/2/2014	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006			
Antimony	7440-36-0	mg/L	10/15/2014	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006			
Antimony	7440-36-0	mg/L	4/6/2015	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000163J	<0.001	<0.001	<0.001	<0.001	<0.001	0.000257J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	10/5/2015	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000554J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	4/4/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000324J	<0.001	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	10/17/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	4/17/2017	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000384J	0.000249J	<0.001	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	10/11/2017	<0.001		<0.001	0.00027J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	4/20/2018											<0.001					<0.001	<0.001									
Antimony	7440-36-0	mg/L	4/23/2018	<0.001								<0.001	<0.001		0.000676J	<0.001	<0.001												
Antimony	7440-36-0	mg/L	4/25/2018						<0.001		<0.001																		
Antimony	7440-36-0	mg/L	4/30/2018			<0.001	<0.001	<0.001										<0.001											
Antimony	7440-36-0	mg/L	5/1/2018																		<0.001	<0.001							
Antimony	7440-36-0	mg/L	5/2/2018																				<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	10/16/2018	<0.003		<0.001	<0.001	<0.001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.001	<0.003	<0.003	0.000882J	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	4/16/2019	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00101	<0.001	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	10/1/2019	<0.001	0.00167	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000555J	<0.001	0.000743J	<0.001	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	6/24/2020		<0.001																								
Antimony	7440-36-0	mg/L	10/7/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Antimony	7440-36-0	mg/L	1/21/2021		<0.002																								
Antimony	7440-36-0	mg/L	4/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Antimony	7440-36-0	mg/L	10/20/2021		<0.002			<0.002				<0.002					<0.002	<0.002			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	5/2/2022					<0.002		<0.002	<0.002										<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	10/14/2022					<0.002													<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0005J	<0.002
Antimony	7440-36-0	mg/L	5/1/2023					<0.002		<0.002	<0.002										<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	10/16/2023					<0.002													<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	4/29/2024					<0.002		<0.002	<0.002										<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	10/9/2024																								<0.00200		
Antimony	7440-36-0	mg/L	10/10/2024																							<0.00200		<0.00200	
Antimony	7440-36-0	mg/L	10/14/2024																		<0.00200	<0.00200		<0.00200					<0.00200
Antimony	7440-36-0	mg/L	10/15/2024																				<0.00200		<0.00200				
Antimony	7440-36-0	mg/L	4/23/2025	<0.00200										<0.00200					<0.00200										
Antimony	7440-36-0	mg/L	4/24/2025													<0.00200													
Antimony	7440-36-0	mg/L	4/30/2025																							<0.00200	<0.00200		
Antimony	7440-36-0	mg/L	5/5/2025						0.00105																			<0.00200	
Antimony	7440-36-0	mg/L	5/6/2025										<0.00200		<0.00200														
Antimony	7440-36-0	mg/L	5/7/2025				<0.00200													0.00141	<0.00200	<0.00200	<0.00200						
Antimony	7440-36-0	mg/L	5/8/2025			<0.00200		<0.00200																					<0.00200
Antimony	7440-36-0	mg/L	5/9/2025							<0.00200	<0.00200													<0.00200	<0.00200				
Antimony	7440-36-0	mg/L	10/21/2025																							0.00125	<0.00200	<0.00200	
Antimony	7440-36-0	mg/L	10/23/2025					<0.00200													0.00184	0.00167	<0.00200	<0.00200	<0.00200				
Antimony	7440-36-0	mg/L	10/24/2025																										<0.00200
Antimony	7440-36-0	mg/L	5/4/2026														<0.00100									<0.00100	<0.00100		
Antimony	7440-36-0	mg/L	5/5/2026																									<0.00100	
Antimony	7440-36-0	mg/L	5/6/2026							<0.00100	<0.00100							<0.00100			<0.00100								
Antimony	7440-36-0	mg/L	5/8/2026					<0.00100														<0.00100	<0.00100	<0.00100	<0.00100				<0.00100
Arsenic	7440-38-2	mg/L	2/27/2008	0.004		0.002	0.005	0.008	0.003	0.001																			
Arsenic	7440-38-2	mg/L	5/12/2008	<0.001		0.003	0.001	<0.001	0.001	0.002																			
Arsenic	7440-38-2	mg/L	7/13/2008	0.004		0.005	0.003	<0.001	<0.001	0.001																			
Arsenic	7440-38-2	mg/L	9/14/2008	0.001		0.002	<0.001	<0.001	0.001	<0.001																			
Arsenic	7440-38-2	mg/L	11/17/2008	<0.001		<0.001	0.00126	<0.001	<0.001	<0.001																			
Arsenic	7440-38-2	mg/L	4/14/2009	<0.001		<0.001	0.0013	<0.01	<0.001	<0.001																			
Arsenic	7440-38-2	mg/L	7/7/2009				0.0012			<0.001			0.012	0.0028	0.0011	0.026			0.0032; 0.0044	0.0024									
Arsenic	7440-38-2	mg/L	9/2/2009				0.0021			0.0011			0.011	0.011	0.0012	0.076			0.0048	0.0026									
Arsenic	7440-38-2	mg/L	10/25/2009	0.0014		0.005	0.0024	<0.001	<0.001	<0.001			0.022	<0.001	0.0089	0.099; 0.095			0.0011	0.0014									
Arsenic	7440-38-2	mg/L	1/2/2010				0.0012			0.003			0.054	<0.001	<0.001	0.1; 0.11			0.0044	0.0052									
Arsenic	7440-38-2	mg/L	3/3/2010									0.026	0.025	0.0026	0.0057	0.084	0.029; 0.028	0.0063	0.004	0.0025									
Arsenic	7440-38-2	mg/L	5/10/2010	0.001		0.0082	0.0018	0.0011	<0.001	0.0023		0.0052	0.002	0.0011	0.0015	0.077	0.016	0.0046	0.0062	0.0032									
Arsenic	7440-38-2	mg/L	7/8/2010							0.0011		0.0057	0.011	0.004	<0.001	0.094	0.032	0.014	0.0047	0.0031									
Arsenic	7440-38-2	mg/L	9/13/2010							<0.001		0.012	0.0055	0.0086	0.001	0.103	0.065	0.015	0.0011	0.0042									
Arsenic	7440-38-2	mg/L	11/1/2010										0.019	<0.001	<0.001	<0.001													
Arsenic	7440-38-2	mg/L	1/10/2011							<0.001		<0.001	<0.001	<0.001	<0.001	0.0676	0.0522	<0.001											
Arsenic	7440-38-2	mg/L	4/4/2011									<0.001	0.016	<0.001	0.0019; 0.002	0.076	0.0398	<0.001	0.014										
Arsenic	7440-38-2	mg/L	7/8/2011							<0.001		0.0045					0.0217	0.0106											
Arsenic	7440-38-2	mg/L	8/11/2011							<0.001		0.0042					0.0492	0.009; 0.0108								<0.001			
Arsenic	7440-38-2	mg/L	10/13/2011	<0.001		<0.001		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	0.0876	0.0387	0.00201	0.00605							<0.001			
Arsenic	7440-38-2	mg/L	12/5/2011				<0.001			<0.001		<0.001					0.0341	<0.001		0.00165						<0.001			
Arsenic	7440-38-2	mg/L	2/6/2012							<0.001																			
Arsenic	7440-38-2	mg/L	4/11/2012	<0.001		<0.001	0.00123	<0.001	<0.002	<0.001		<0.002	<0.001	<0.001	<0.002	0.0872	0.0135	<0.001	<0.002	0.00375						<0.001	<0.001		
Arsenic	7440-38-2	mg/L	6/25/2012					<0.001		<0.001																<0.001	<0.001		
Arsenic	7440-38-2	mg/L	8/1/2012							<0.001	<0.001										0.00567	<0.001	<0.001	<0.001	0.00103	<0.001	<0.001		
Arsenic	7440-38-2	mg/L	10/11/2012	<0.001		<0.002	0.00355	<0.001	<0.001		<0.001	<0.001			<0.001	<0.001	0.0863	0.134	<0.001	<0.001	0.00483	0.0162	<0.001	<0.001	<0.001	0.00148	<0.001	<0.002	
Arsenic	7440-38-2	mg/L	12/13/2012								<0.001											0.0125	0.00782	0.00114	<0.001	0.00968		<0.001	
Arsenic	7440-38-2	mg/L	2/4/2013								<0.001											0.0118	<0.001	<0.001	<0.001	0.00222			
Arsenic	7440-38-2	mg/L	3/30/2013	<0.001		<0.001	0.00126	0.00106	<0.001		<0.001	<0.001		<0.001	<0.001	0.0474	0.0145	<0.001	<0.001	0.00137	0.0061	<0.001	<0.001	<0.001	0.00109	<0.001	<0.001		
Arsenic	7440-38-2	mg/L	7/10/2013																		0.00793	<0.001	<0.001	<0.001	0.00221				
Arsenic	7440-38-2	mg/L	10/7/2013	<0.001		<0.001	<0.001	<0.001	<0.001	0.00334; <0.001	0.0222	<0.001	<0.001	<0.001	<0.001	0.0649	0.151	<0.001	<0.001	0.00241	0.00329	0.0063	<0.001	<0.001	<0.001	<0.001	<0.001		
Arsenic	7440-38-2	mg/L	6/2/2014	0.000562J		0.000654J	0.0016	<0.001	<0.001	0.000485J	0.000261J	<0.001	0.000223J	<0.001	0.000346J	0.0244	0.0816	<0.001	<0.001	0.00325	0.00128	<0.001	0.000309J	0.000441J	<0.001		<0.001		
Arsenic	7440-38-2	mg/L	10/15/2014	<0.001		<0.001	0.00185	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0526	0.0417	<0.001	<0.001	0.00389	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
Arsenic	7440-38-2	mg/L	4/6/2015	<0.002		<0.002	0.00331	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0453	0.0512	<0.002	0.00153J	0.00513	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
Arsenic	7440-38-2	mg/L	10/5/2015	<0.002		<0.002	0.00353	<0.002	<0.002	0.00585	<0.002	<0.002	0.00204	<0.002	<0.002	0.0807	0.0635	<0.002	<0.002	0.0049	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
Arsenic	7440-38-2	mg/L	4/4/2016	0.000823J		<0.002	0.00591; 0.00878	0.000802J	<0.002	0.000896J	<0.002	<0.002	0.00388	<0.002	<0.002	0.0273	0.0841	0.00221	0.00113J	0.000886J	0.000758J	<0.002	<0.002	<0.002	<0.002	<0.002			
Arsenic	7440-38-2	mg/L	10/17/2016	<0.002		0.00137J	0.00636	0.00139J	<0.002	0.00259	0.000975J	<0.002	0.00582	<0.002	<0.002	0.0712	0.0331	0.00461	0.00188J	0.000688J	0.00296	0.00138J	0.00172J	0.00216	0.00221	<0.002			
Arsenic	7440-38-2	mg/L	4/17/2017	<0.002		<0.002	0.00283	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0538	0.00768	0.00174J	0.00121J	0.00168J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
Arsenic	7440-38-2	mg/L	10/11/2017	<0.002		<0.002	0.00488	<0.002	<0.002	0.00066J	<0.002	<0.002	0.00295	<0.002	<0.002	0.102	0.0296	0.00118J	<0.002	0.00121J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002			
Arsenic	7440-38-2	mg/L	4/20/2018											<0.002					<0.002	0.00242									
Arsenic	7440-38-2	mg/L	4/23/2018	<0.002								<0.002	0.000572J		0.00127J	0.0342	0.00503												
Arsenic	7440-38-2	mg/L	4/25/2018						0.000621J		<0.002															<0.002			
Arsenic	7440-38-2	mg/L	4/30/2018			<0.002	0.00339	<0.002										0.000625J											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Arsenic	7440-38-2	mg/L	5/1/2018																		<0.002	<0.002							
Arsenic	7440-38-2	mg/L	5/2/2018																				<0.002	<0.002	<0.002				
Arsenic	7440-38-2	mg/L	10/16/2018	0.00073J		<0.002	0.0045	<0.002	0.000378J	0.00194	0.0015	0.000877J	0.00147	0.000831J	0.00035J	0.0111	0.0129	0.00121J	0.000862J	0.00126	0.000629J	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	
Arsenic	7440-38-2	mg/L	4/16/2019	<0.002		<0.002	0.0171	<0.002	<0.002	<0.002	<0.002	<0.002	0.00103J	<0.002	<0.002	0.0187	0.00497	0.0106	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	
Arsenic	7440-38-2	mg/L	10/1/2019	<0.002	0.0011J	<0.002	0.00563	<0.002	0.000838J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.00912	0.0154	0.00559	<0.002	0.000956J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	
Arsenic	7440-38-2	mg/L	3/30/2020	<0.002	0.00141J	<0.002	0.0217	<0.002	<0.002	0.000966J	<0.002	<0.002	<0.002	<0.002	<0.002	0.00521	0.0094	0.00382	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	
Arsenic	7440-38-2	mg/L	6/24/2020		0.00157J																								
Arsenic	7440-38-2	mg/L	10/7/2020	<0.002	0.00107J	<0.002	0.00509	<0.002	<0.002	0.00315	<0.002	<0.002	<0.002	<0.002	<0.002	0.0689	0.00449	0.00208	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	
Arsenic	7440-38-2	mg/L	1/21/2021		<0.004																								
Arsenic	7440-38-2	mg/L	4/13/2021	<0.004	0.0023J	<0.004	0.0188	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0057	0.0091	0.002J	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	
Arsenic	7440-38-2	mg/L	10/20/2021		<0.004			<0.004	<0.004			<0.004	<0.004				0.0095	<0.004			<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Arsenic	7440-38-2	mg/L	5/2/2022	<0.004	<0.004	0.0009J	0.0121	<0.004	0.0014J	<0.004	0.001J	<0.004	<0.004	0.001J	<0.004	0.0153	0.0088	0.0013J	0.0025J	0.002J	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Arsenic	7440-38-2	mg/L	10/14/2022		0.0015J		0.0072	0.0013J; 0.0012J	0.0014J			0.0012J	0.006								0.0018J	0.0012J	0.0013J	0.001J	0.0009J	<0.004	0.001J	0.0018J	0.0014J
Arsenic	7440-38-2	mg/L	5/1/2023	<0.002	<0.002	<0.002	0.00893	<0.002	0.00121J; 0.00131J	<0.002	<0.002	0.00066J	<0.002	0.000766J	<0.002	0.0129	0.00543	0.000878J	0.000956J	0.000875J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Arsenic	7440-38-2	mg/L	10/16/2023		0.000564J		0.00827	0.000643J	0.000631J			<0.002	<0.002								0.000789J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.000693J
Arsenic	7440-38-2	mg/L	4/29/2024	<0.002	<0.002	<0.002	0.00519	<0.002	<0.002	0.000549J	<0.002	<0.002	<0.002	<0.002	<0.002	0.00251	0.00574	0.000768J	<0.002	0.000593J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Arsenic	7440-38-2	mg/L	10/9/2024		<0.00200								<0.00200															<0.00200	
Arsenic	7440-38-2	mg/L	10/10/2024						0.00111J			<0.00200														<0.00200		<0.00200	
Arsenic	7440-38-2	mg/L	10/14/2024																		<0.00200	<0.00200		<0.00200					<0.00200
Arsenic	7440-38-2	mg/L	10/15/2024				0.0104																<0.00200		<0.00200				
Arsenic	7440-38-2	mg/L	4/23/2025	<0.00200										<0.00200					<0.00200										
Arsenic	7440-38-2	mg/L	4/24/2025													0.00383	0.00232												
Arsenic	7440-38-2	mg/L	4/30/2025		<0.00200							<0.00200														<0.00200	<0.00200		
Arsenic	7440-38-2	mg/L	5/5/2025						<0.00200																			<0.00200	
Arsenic	7440-38-2	mg/L	5/6/2025											<0.00200		<0.00200													
Arsenic	7440-38-2	mg/L	5/7/2025				0.0180													0.000938	<0.00200	<0.00200	<0.00200						
Arsenic	7440-38-2	mg/L	5/8/2025			<0.00200		<0.00200																					<0.00200
Arsenic	7440-38-2	mg/L	5/9/2025							0.000541	<0.00200							0.000614						<0.00200	<0.00200				
Arsenic	7440-38-2	mg/L	10/21/2025						0.00152																	<0.00200	<0.00200	<0.00200	
Arsenic	7440-38-2	mg/L	10/22/2025		<0.00200							<0.00200	<0.00200																
Arsenic	7440-38-2	mg/L	10/23/2025					<0.00200													0.000570	<0.00200	<0.00200	<0.00200	<0.00200				
Arsenic	7440-38-2	mg/L	10/24/2025				0.0123																						0.000642
Arsenic	7440-38-2	mg/L	5/4/2026									<0.00100					0.00234									<0.00100	<0.00100		
Arsenic	7440-38-2	mg/L	5/5/2026		0.000284				0.000420				0.000283		<0.00100	0.00903												<0.00100	
Arsenic	7440-38-2	mg/L	5/6/2026	<0.00100		0.000330				0.000534	<0.00100			0.000365				0.000897	0.000265	0.00269	0.000254								
Arsenic	7440-38-2	mg/L	5/8/2026				0.0280	0.000296														<0.00100	<0.00100	<0.00100	0.000247				0.000499
Barium	7440-39-3	mg/L	2/27/2008	0.408		0.286	0.405	0.131	0.22	0.151																			
Barium	7440-39-3	mg/L	5/12/2008	0.38		0.337	0.333	0.0792	0.131	0.125																			
Barium	7440-39-3	mg/L	7/13/2008	0.462		0.362	0.323	0.0761	0.129	0.161																			
Barium	7440-39-3	mg/L	9/14/2008	0.375		0.36	0.313	0.0832	0.205	0.184																			
Barium	7440-39-3	mg/L	11/17/2008	0.456		0.373	0.356	0.0979	0.155	0.31																			
Barium	7440-39-3	mg/L	4/14/2009	0.382		0.273	0.35	0.0783	0.121	0.151																			
Barium	7440-39-3	mg/L	7/7/2009	0.16		0.276	0.345	0.0348	0.118	0.159			0.513	0.37	0.253	0.204			0.335; 0.279	0.289									
Barium	7440-39-3	mg/L	9/2/2009	0.366		0.467	0.369	0.0883	0.125	0.174			0.592	0.451	0.268	0.171			0.317	0.327									
Barium	7440-39-3	mg/L	10/25/2009	0.417		0.347	0.337	0.0919	0.123	0.173			1.01	0.362	0.349	0.171			0.219	0.366									
Barium	7440-39-3	mg/L	1/2/2010	0.4		0.292	0.329	0.0915	0.128	0.173			0.879	0.385	0.267	0.166			0.268	0.341									
Barium	7440-39-3	mg/L	3/3/2010									1.46	0.864	0.409	0.384	0.17	0.456	0.33	0.278	0.34									
Barium	7440-39-3	mg/L	5/10/2010	0.378		0.625	0.283	0.0817	0.11	0.156		0.502	0.391	0.311	0.235	0.153	0.275	0.341	0.406	0.338									
Barium	7440-39-3	mg/L	7/8/2010							0.154		0.485	0.569	0.347	0.239	0.157	0.336	0.363	0.311	0.298									
Barium	7440-39-3	mg/L	9/13/2010							0.161		0.49	0.603	0.4	0.235	0.167	0.566	0.492	0.169	0.354									
Barium	7440-39-3	mg/L	11/1/2010	0.446		0.296		0.0984	0.133	0.2			0.699	0.381	0.269	0.18													
Barium	7440-39-3	mg/L	1/10/2011							0.209		0.524	1.15	0.433	0.286	0.167	0.616	0.482											
Barium	7440-39-3	mg/L	4/4/2011							0.161		0.41	0.787	0.383	0.304	0.148	0.367	0.667	0.396										
Barium	7440-39-3	mg/L	7/8/2011							0.149		0.429					0.417	0.373											
Barium	7440-39-3	mg/L	8/11/2011							0.196		0.491					0.614	0.379								0.0547			
Barium	7440-39-3	mg/L	10/13/2011	0.462		0.302		0.0988	0.147	0.232		0.457	0.464	0.377	0.344	0.206	0.44	0.549	0.264							0.061			
Barium	7440-39-3	mg/L	12/5/2011				0.349			0.268		0.592					0.448	0.531		0.314						0.156			
Barium	7440-39-3	mg/L	2/6/2012							0.214																0.06			
Barium	7440-39-3	mg/L	4/11/2012	0.422		0.326	0.346	0.111	0.104	0.234		0.581	0.715	0.42	0.33	0.185	0.352	0.313	0.222	0.323						0.059	0.163		
Barium	7440-39-3	mg/L	6/25/2012					<0.01		0.251																0.0789	0.164		
Barium	7440-39-3	mg/L	8/1/2012							0.251	0.255										0.635	0.268	0.255	0.35	0.364	0.0875	0.194		
Barium	7440-39-3	mg/L	10/11/2012	0.404		0.283	0.443	0.11	0.143		0.21	0.486			0.441	0.329	0.204	0.809	0.345	0.257	0.316	0.893	0.11	0.298	0.3	0.471	0.0522	0.259		
Barium	7440-39-3	mg/L	12/13/2012								0.183										0.654	0.616	0.302	0.35	1.85		0.247		
Barium	7440-39-3	mg/L	2/4/2013								0.406										0.67	0.274	0.277	0.296	1.35				
Barium	7440-39-3	mg/L	3/30/2013	0.456		0.295	0.345	0.149	0.12		0.186	0.561		0.45	0.395	0.155	0.378	0.304	0.239	0.229	0.906	0.118	0.276	0.311	0.559	0.0662	0.159		
Barium	7440-39-3	mg/L	10/7/2013																		1.42	0.106	0.208	0.199	0.335				
Barium	7440-39-3	mg/L	10/7/2013	0.465		0.315	0.333	0.144	0.132	0.249; 0.38	0.806	0.68	0.554	0.361	0.349	0.191	1.02	0.336	0.254; 0.253	0.193	0.536	1.82	0.271; 0.275	0.396	0.349	0.0691	0.191		
Barium	7440-39-3	mg/L	6/2/2014	0.409		0.309	0.298	0.132	0.0926	0.173	0.194	0.585	0.407	0.415	0.282	0.148	0.456	0.214	0.303	0.103	0.26	0.0614	0.204	0.475	0.28				
Barium	7440-39-3	mg/L	10/15/2014	0.477; 0.487		0.287	0.411	0.149	0.12	0.154	0.229	0.656	0.31	0.337	0.33	0.191	0.373	0.27	0.294	0.117	0.268	0.0663	0.213	0.471	0.262				
Barium	7440-39-3	mg/L	4/6/2015	0.464		0.296; 0.304	0.389	0.146	0.12	0.196	0.224	0.742	0.23	0.383	0.312	0.181	0.536	0.293	0.392	0.132	0.281	0.0744	0.206	0.489	0.279				
Barium	7440-39-3	mg/L	10/5/2015	0.532		0.316	0.392	0.161	0.159	0.328	0.238	0.83	0.413	0.448	0.415	0.215	0.632	0.329	0.322	0.158	0.286	0.0862; 0.0852	0.22	0.523	0.277				
Barium	7440-39-3	mg/L	4/4/2016	0.541		0.33	0.615; 0.567	0.181	0.114	0.174	0.303	0.911	0.298	0.312	0.364	0.163	0.647	0.278	0.301	0.0787	0.333	0.0885	0.259	0.644	0.316				
Barium	7440-39-3	mg/L	10/17/2016	0.462		0.287	0.362	0.135	0.124	0.17	0.218	0.644	0.312	0.334	0.311	0.156	0.447	0.101	0.0572	0.0961	0.282	0.0732	0.193	0.471	0.238				
Barium	7440-39-3	mg/L	4/17/2017	0.525		0.35	0.424	0.155	0.101	0.215	0.284	0.735	0.262	0.331	0.324	0.189	0.302	0.0995	0.514	0.103	0.297	0.078	0.237	0.608	0.282				
Barium	7440-39-3	mg/L	10/11/2017	0.51		0.294	0.341	0.141	0.138	0.237	0.263	0.827	0.342	0.376	0.325	0.174	0.5	0.254	0.269	0.0959	0.291	0.0775	0.226	0.502	0.257				
Barium	7440-39-3	mg/L	4/20/2018											0.427					0.288	0.111									
Barium	7440-39-3	mg/L	4/23/2018	0.562								0.876	0.278		0.302	0.165	0.322												
Barium	7440-39-3	mg/L	4/25/2018						0.104		0.3																		
Barium	7440-39-3	mg/L	4/30/2018			0.308; 0.316	0.31	0.194										0.162											
Barium	7440-39-3	mg/L	5/1/2018																		0.283	0.0838							
Barium	7440-39-3	mg/L	5/2/2018																				0.235	0.607	0.294				
Barium	7440-39-3	mg/L	10/16/2018	0.491		0.355	0.429	0.194	0.113	0.269	0.294	0.881	0.336	0.236	0.295	0.147	0.321	0.251	0.297	0.125	0.302	0.0777	0.228	0.58	0.265; 0.295				
Barium	7440-39-3	mg/L	4/16/2019	0.537		0.339	0.513	0.188	0.111	0.154	0.319	0.858	0.375	0.299	0.296; 0.312	0.185	0.364	0.0731	0.275	0.0838	0.279	0.0826	0.22	0.574	0.296				
Barium	7440-39-3	mg/L	10/1/2019	0.457	0.416	0.303	0.312	0.176	0.134	0.28	0.286	0.794	0.251	0.31	0.282	0.183	0.287	0.0688	0.295	0.113	0.257	0.0725	0.215	0.537	0.242				
Barium	7440-39-3	mg/L	3/30/2020	0.476	0.488	0.318	0.605	0.213	0.115	0.179	0.315	0.717	0.293	0.259	0.337	0.142	0.262	0.0715	0.257	0.0801	0.291	0.0895; 0.0759	0.228	0.567	0.295				
Barium	7440-39-3	mg/L	6/24/2020		0.525																								
Barium	7440-39-3	mg/L	10/7/2020	0.548	0.653	0.319	0.278	0.188	0.155	0.203	0.306	0.923	0.302	0.368	0.323	0.193	0.317	0.172	0.28	0.097	0.267	0.0853	0.225	0.561	0.275				
Barium	7440-39-3	mg/L	1/21/2021		0.641																								
Barium	7440-39-3	mg/L	4/13/2021	0.48	0.767	0.27	0.474	0.2	0.116; 0.115	0.176	0.293	0.938	0.189	0.261	0.28	0.11	0.285	0.0512	0.25	0.0836	0.294	0.0939	0.222	0.57	0.282				
Barium	7440-39-3	mg/L	10/20/2021		0.672			0.183; 0.173	0.148			0.859	0.233				0.328	0.082			0.252	0.0965	0.225	0.54	0.293	0.2	0.173	0.182	0.114
Barium	7440-39-3	mg/L	5/2/2022	0.454	0.72	0.34	0.333	0.197	0.118	0.221	0.328	0.817	0.223	0.302	0.298	0.145	0.275	0.0453	0.259	0.134	0.226	0.096	0.221	0.558	0.272; 0.271	0.0999	0.174	0.168	0.099
Barium	7440-39-3	mg/L	10/14/2022		0.749		0.263	0.204	0.253			0.916	0.367								0.216	0.103	0.255	0.571	0.279	0.146	0.185	0.194	0.0993
Barium	7440-39-3	mg/L	5/1/2023	0.498	0.941	0.343	0.278	0.211	0.0924; 0.0949	0.255	0.315	1.08	0.263	0.333	0.337	0.17	0.271	0.0788	0.297	0.139	0.0577	0.099	0.254	0.705	0.308	0.107	0.195	0.183	0.0989
Barium	7440-39-3	mg/L	10/16/2023		0.883		0.304	0.237	0.174			1.01	0.217								0.0607	0.114	0.286	0.66	0.321	0.119	0.178	0.167	0.106
Barium	7440-39-3	mg/L	4/29/2024	0.487	0.791	0.322	0.279	0.199	0.151	0.368	0.336	0.934	0.154	0.232	0.311	0.0996	0.18	0.0384	0.255	0.139	0.0539	0.0962	0.269	0.708	0.317; 0.308	0.0891	0.164	0.157	0.0923
Barium	7440-39-3	mg/L	10/9/2024		0.773								0.247														0.171		
Barium	7440-39-3	mg/L	10/10/2024						0.284			1.07														0.124		0.177	
Barium	7440-39-3	mg/L	10/14/2024																		0.0508	0.0906		0.607					0.0925
Barium	7440-39-3	mg/L	10/15/2024				0.306																0.244		0.298				
Barium	7440-39-3	mg/L	4/23/2025	0.481										0.290					0.250										
Barium	7440-39-3	mg/L	4/24/2025													0.168	0.196												
Barium	7440-39-3	mg/L	4/30/2025		0.852							0.910														0.0995	0.157		
Barium	7440-39-3	mg/L	5/5/2025						0.286																			0.176	
Barium	7440-39-3	mg/L	5/6/2025										0.175		0.298														
Barium	7440-39-3	mg/L	5/7/2025				0.350													0.136	0.0555	0.0927	0.240						
Barium	7440-39-3	mg/L	5/8/2025			0.320		0.183																					0.0862
Barium	7440-39-3	mg/L	5/9/2025							0.339	0.321							0.0461						0.617	0.317				
Barium	7440-39-3	mg/L	10/21/2025						0.359																	0.117	0.116	0.174	
Barium	7440-39-3	mg/L	10/22/2025		0.905							1.14	0.253																
Barium	7440-39-3	mg/L	10/23/2025					0.189													0.0608	0.0915	0.267	0.604	0.332				
Barium	7440-39-3	mg/L	10/24/2025				0.304																						0.0944
Barium	7440-39-3	mg/L	5/4/2026									1.08					0.245									0.112	0.190		
Barium	7440-39-3	mg/L	5/5/2026		0.960				0.258				0.211		0.319	0.168												0.196	
Barium	7440-39-3	mg/L	5/6/2026	0.498		0.344				0.394	0.344			0.300				0.0813	0.254	0.206	0.0572								
Barium	7440-39-3	mg/L	5/8/2026				0.308	0.207														0.122	0.271	0.651	0.206				0.0873
Benzene	71-43-2	ug/L	2/27/2008	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5																			
Benzene	71-43-2	ug/L	5/12/2008	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5																			
Benzene	71-43-2	ug/L	7/13/2008	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5																			
Benzene	71-43-2	ug/L	9/14/2008	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5																			
Benzene	71-43-2	ug/L	11/17/2008	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5																			
Benzene	71-43-2	ug/L	4/14/2009	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5																			
Benzene	71-43-2	ug/L	7/7/2009							<0.5			<0.5	<0.5	<0.5	9.88			<0.5	<0.5									
Benzene	71-43-2	ug/L	9/2/2009							<0.5			<0.5	<0.5	<0.5	5.34			<0.5	<0.5									
Benzene	71-43-2	ug/L	10/25/2009	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	5.7			<0.5	<0.5									
Benzene	71-43-2	ug/L	1/2/2010							<0.5			<0.5	<0.5	<0.5	3.35			<0.5	<0.5									
Benzene	71-43-2	ug/L	3/3/2010									<0.5	<0.5	<0.5	<0.5	4.27	1.84	<0.5	<0.5	<0.5									
Benzene	71-43-2	ug/L	5/10/2010	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	4.71	0.96	<0.5	<0.5	<0.5									

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Benzene	71-43-2	ug/L	7/8/2010							<0.5		<0.5				3.69	1.2	<0.5											
Benzene	71-43-2	ug/L	9/13/2010							<0.5		<0.5				5.17	2.65	<0.5											
Benzene	71-43-2	ug/L	11/1/2010	<0.5		<0.5		<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	4.73													
Benzene	71-43-2	ug/L	1/10/2011							<0.5		<0.5				5	5.43	<0.5											
Benzene	71-43-2	ug/L	4/4/2011							<0.5		<0.5				2.53	2.6	<0.5											
Benzene	71-43-2	ug/L	7/8/2011							<0.5							0.56												
Benzene	71-43-2	ug/L	8/11/2011							<0.5							7.52									<0.5			
Benzene	71-43-2	ug/L	10/13/2011	<0.5		<0.5		<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	9.78	0.87	<0.5	<0.5							<0.5			
Benzene	71-43-2	ug/L	1/25/2011				<0.5			<0.5							2.54			<0.5						<0.5			
Benzene	71-43-2	ug/L	4/11/2012	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	2.94	0.67	<0.5	<0.5	<0.5						<0.5	<0.5		
Benzene	71-43-2	ug/L	6/25/2012					<0.5		<0.5																<0.5	<0.5		
Benzene	71-43-2	ug/L	8/1/2012							<0.5	<0.5										<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	71-43-2	ug/L	10/11/2012	<0.5		<0.5	<0.5	<0.5	<0.5		<0.5	<0.5			<0.5	<0.5	5.22	14.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	71-43-2	ug/L	12/13/2012								<0.5										<0.5	<0.5	<0.5	<0.5	<0.5		<0.5		
Benzene	71-43-2	ug/L	2/4/2013								<0.5										<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	3/30/2013	<0.5		<0.5	<0.5	<0.5	<0.5		<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
Benzene	71-43-2	ug/L	7/10/2013																		<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	10/7/2013	<0.5		<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.37	19	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5		<0.5		
Benzene	71-43-2	ug/L	6/2/2014	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.17	4.08	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	10/15/2014	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.39	1.89	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	4/6/2015	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.927	5.86	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	10/5/2015	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.116J	<0.5	<0.5	1.08	8.63	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	4/4/2016	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.211J	5.15	0.192J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	10/17/2016	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.66	6.92	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	4/17/2017	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.185J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	10/11/2017	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.513	5.89	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	4/20/2018											<0.5					<0.5	<0.5									
Benzene	71-43-2	ug/L	4/23/2018	<0.5								<0.5	<0.5		<0.5	<0.5	0.142J												
Benzene	71-43-2	ug/L	4/25/2018						<0.5																				
Benzene	71-43-2	ug/L	4/30/2018			<0.5	<0.5	<0.5										<0.5											
Benzene	71-43-2	ug/L	5/1/2018								<0.5										<0.5	<0.5							
Benzene	71-43-2	ug/L	5/2/2018																				<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	10/16/2018	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	4/16/2019	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	10/1/2019	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	3/30/2020	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	6/24/2020		<0.5																								
Benzene	71-43-2	ug/L	10/7/2020	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.378J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	1/21/2021		<1																								
Benzene	71-43-2	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Benzene	71-43-2	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	71-43-2	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	71-43-2	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	71-43-2	ug/L	5/1/2023	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	71-43-2	ug/L	10/16/2023		<0.5			<0.5	<0.5			<0.5	<0.5								<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	71-43-2	ug/L	4/29/2024		<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5								<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	71-43-2	ug/L	10/9/2024		<0.500								<0.500														<0.500		
Benzene	71-43-2	ug/L	10/10/2024						<0.500			<0.500														<0.500		<0.500	
Benzene	71-43-2	ug/L	10/14/2024																		<0.500	<0.500		<0.500					<0.500
Benzene	71-43-2	ug/L	10/15/2024																				<0.500		<0.500				
Benzene	71-43-2	ug/L	4/23/2025	<0.500										<0.500					<0.500										
Benzene	71-43-2	ug/L	4/24/2025													<0.500													
Benzene	71-43-2	ug/L	4/30/2025		<0.500							<0.500														<0.500	<0.500		
Benzene	71-43-2	ug/L	5/5/2025						<0.500																			<0.500	
Benzene	71-43-2	ug/L	5/6/2025										<0.500		<0.500														
Benzene	71-43-2	ug/L	5/7/2025				<0.500													<0.500	<0.500	<0.500	<0.500						
Benzene	71-43-2	ug/L	5/8/2025			<0.500		<0.500																					<0.500
Benzene	71-43-2	ug/L	5/9/2025							<0.500	<0.500													<0.500	<0.500				
Benzene	71-43-2	ug/L	10/21/2025						<0.500																	<0.500	<0.500	<0.500	
Benzene	71-43-2	ug/L	10/22/2025		<0.500							<0.500	<0.500																
Benzene	71-43-2	ug/L	10/23/2025					<0.500													<0.500	<0.500	<0.500	<0.500	<0.500				
Benzene	71-43-2	ug/L	10/24/2025																										<0.500
Benzene	71-43-2	ug/L	5/4/2026									0.442					<0.500									<0.500	0.322		
Benzene	71-43-2	ug/L	5/5/2026		<0.500				<0.500				0.226															<0.500	
Benzene	71-43-2	ug/L	5/6/2026							<0.500	<0.500							<0.500			<0.500								
Benzene	71-43-2	ug/L	5/8/2026					<0.500														<0.500	<0.500	<0.500	<0.500				<0.500
Benzo [k] fluoranthene	207-08-9	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10													
Benzo [k] fluoranthene	207-08-9	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Benzo [k] fluoranthene	207-08-9	ug/L	4/4/2011									<10					<10	<10											
Benzo [k] fluoranthene	207-08-9	ug/L	3/30/2013																							<10	<10		
Benzo [k] fluoranthene	207-08-9	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Benzo [k] fluoranthene	207-08-9	ug/L	6/2/2014																					<10.1					
Benzo [k] fluoranthene	207-08-9	ug/L	10/15/2014																					<10					
Benzo [k] fluoranthene	207-08-9	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Benzo [k] fluoranthene	207-08-9	ug/L	4/4/2016									<10					<10	<10											
Benzo [k] fluoranthene	207-08-9	ug/L	5/1/2018																		<10.4	<10.3							
Benzo [k] fluoranthene	207-08-9	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Benzo [k] fluoranthene	207-08-9	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Benzo [k] fluoranthene	207-08-9	ug/L	6/24/2020		<10.4																								
Benzo [k] fluoranthene	207-08-9	ug/L	10/20/2021		<8							<8					<8	<8											
Benzo [k] fluoranthene	207-08-9	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Benzo[a]anthracene	56-55-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Benzo[a]anthracene	56-55-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Benzo[a]anthracene	56-55-3	ug/L	4/4/2011									<10					<10	<10											
Benzo[a]anthracene	56-55-3	ug/L	3/30/2013																							<10	<10		
Benzo[a]anthracene	56-55-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Benzo[a]anthracene	56-55-3	ug/L	6/2/2014																					<10.1					
Benzo[a]anthracene	56-55-3	ug/L	10/15/2014																					<10					
Benzo[a]anthracene	56-55-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Benzo[a]anthracene	56-55-3	ug/L	4/4/2016									<10					<10	<10											
Benzo[a]anthracene	56-55-3	ug/L	5/1/2018																		<10.4	<10.3							
Benzo[a]anthracene	56-55-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Benzo[a]anthracene	56-55-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Benzo[a]anthracene	56-55-3	ug/L	6/24/2020		<10.4																								
Benzo[a]anthracene	56-55-3	ug/L	10/20/2021		<8							<8					<8	<8											
Benzo[a]anthracene	56-55-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Benzo[a]anthracene	56-55-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Benzo[a]anthracene	56-55-3	ug/L	4/24/2025													<10.4													
Benzo[a]anthracene	56-55-3	ug/L	5/5/2025						<10.2																				
Benzo[a]anthracene	56-55-3	ug/L	5/6/2025										<10.4		<10.6														
Benzo[a]anthracene	56-55-3	ug/L	5/7/2025				<10.2													<10.6									
Benzo[a]anthracene	56-55-3	ug/L	5/8/2025			<9.80		<10.6																					
Benzo[a]anthracene	56-55-3	ug/L	5/4/2026														<10.9												
Benzo[a]anthracene	56-55-3	ug/L	5/6/2026															<10.4											
Benzo[a]pyrene	50-32-8	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Benzo[a]pyrene	50-32-8	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Benzo[a]pyrene	50-32-8	ug/L	4/4/2011									<10					<10	<10											
Benzo[a]pyrene	50-32-8	ug/L	3/30/2013																							<10	<10		
Benzo[a]pyrene	50-32-8	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Benzo[a]pyrene	50-32-8	ug/L	6/2/2014																					<10.1					
Benzo[a]pyrene	50-32-8	ug/L	10/15/2014																					<10					
Benzo[a]pyrene	50-32-8	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Benzo[a]pyrene	50-32-8	ug/L	4/4/2016									<10					<10	<10											
Benzo[a]pyrene	50-32-8	ug/L	5/1/2018																		2.77J	<10.3							
Benzo[a]pyrene	50-32-8	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Benzo[a]pyrene	50-32-8	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Benzo[a]pyrene	50-32-8	ug/L	6/24/2020		<10.4																								
Benzo[a]pyrene	50-32-8	ug/L	10/20/2021		<8							<8					<8	<8											
Benzo[a]pyrene	50-32-8	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Benzo[a]pyrene	50-32-8	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Benzo[a]pyrene	50-32-8	ug/L	4/24/2025													<10.4													
Benzo[a]pyrene	50-32-8	ug/L	5/5/2025						<10.2																				
Benzo[a]pyrene	50-32-8	ug/L	5/6/2025										<10.4		<10.6														
Benzo[a]pyrene	50-32-8	ug/L	5/7/2025				<10.2													<10.6									
Benzo[a]pyrene	50-32-8	ug/L	5/8/2025			<9.80		<10.6																					
Benzo[a]pyrene	50-32-8	ug/L	5/4/2026														<10.9												
Benzo[a]pyrene	50-32-8	ug/L	5/6/2026															<10.4											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Benzo[b]fluoranthene	205-99-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Benzo[b]fluoranthene	205-99-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Benzo[b]fluoranthene	205-99-2	ug/L	4/4/2011									<10					<10	<10											
Benzo[b]fluoranthene	205-99-2	ug/L	3/30/2013																							<10	<10		
Benzo[b]fluoranthene	205-99-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Benzo[b]fluoranthene	205-99-2	ug/L	6/2/2014																					<10.1					
Benzo[b]fluoranthene	205-99-2	ug/L	10/15/2014																					<10					
Benzo[b]fluoranthene	205-99-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Benzo[b]fluoranthene	205-99-2	ug/L	4/4/2016									<10					<10	<10											
Benzo[b]fluoranthene	205-99-2	ug/L	5/1/2018																		<10.4	<10.3							
Benzo[b]fluoranthene	205-99-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Benzo[b]fluoranthene	205-99-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Benzo[b]fluoranthene	205-99-2	ug/L	6/24/2020		<10.4																								
Benzo[b]fluoranthene	205-99-2	ug/L	10/20/2021		<8							<8					<8	<8											
Benzo[b]fluoranthene	205-99-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Benzo[b]fluoranthene	205-99-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Benzo[b]fluoranthene	205-99-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Benzo[b]fluoranthene	205-99-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Benzo[b]fluoranthene	205-99-2	ug/L	4/24/2025													<10.4													
Benzo[b]fluoranthene	205-99-2	ug/L	5/5/2025						<10.2																				
Benzo[b]fluoranthene	205-99-2	ug/L	5/6/2025										<10.4		<10.6														
Benzo[b]fluoranthene	205-99-2	ug/L	5/7/2025				<10.2													<10.6									
Benzo[b]fluoranthene	205-99-2	ug/L	5/8/2025			<9.80		<10.6																					
Benzo[b]fluoranthene	205-99-2	ug/L	5/4/2026														<10.9												
Benzo[b]fluoranthene	205-99-2	ug/L	5/6/2026		<10.4													<10.4											
Benzo[b]fluoranthene	205-99-2	ug/L	5/7/2026																										
Benzo[b]fluoranthene	205-99-2	ug/L	5/8/2026																										
Benzo[b]fluoranthene	205-99-2	ug/L	5/4/2026																										
Benzo[b]fluoranthene	205-99-2	ug/L	5/6/2026																										
Benzo[b]fluoranthene	205-99-2	ug/L	5/7/2026																										
Benzo[b]fluoranthene	205-99-2	ug/L	5/8/2026																										
Benzo[g,h,i]perylene	191-24-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Benzo[g,h,i]perylene	191-24-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Benzo[g,h,i]perylene	191-24-2	ug/L	4/4/2011									<10					<10	<10											
Benzo[g,h,i]perylene	191-24-2	ug/L	3/30/2013																							<10	<10		
Benzo[g,h,i]perylene	191-24-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Benzo[g,h,i]perylene	191-24-2	ug/L	6/2/2014																					<10.1					
Benzo[g,h,i]perylene	191-24-2	ug/L	10/15/2014																					<10					
Benzo[g,h,i]perylene	191-24-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Benzo[g,h,i]perylene	191-24-2	ug/L	4/4/2016									<10					<10	<10											
Benzo[g,h,i]perylene	191-24-2	ug/L	5/1/2018																		<10.4	<10.3							
Benzo[g,h,i]perylene	191-24-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Benzo[g,h,i]perylene	191-24-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Benzo[g,h,i]perylene	191-24-2	ug/L	6/24/2020		<10.4																								
Benzo[g,h,i]perylene	191-24-2	ug/L	10/20/2021		<8							<8					<8	<8											
Benzo[g,h,i]perylene	191-24-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Benzo[g,h,i]perylene	191-24-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Benzo[g,h,i]perylene	191-24-2	ug/L	4/24/2025													<10.4													
Benzo[g,h,i]perylene	191-24-2	ug/L	5/5/2025						<10.2																				
Benzo[g,h,i]perylene	191-24-2	ug/L	5/6/2025										<10.4		<10.6														
Benzo[g,h,i]perylene	191-24-2	ug/L	5/7/2025				<10.2													<10.6									
Benzo[g,h,i]perylene	191-24-2	ug/L	5/8/2025			<9.80		<10.6																					
Benzo[g,h,i]perylene	191-24-2	ug/L	5/4/2026														<10.9												
Benzo[g,h,i]perylene	191-24-2	ug/L	5/6/2026															<10.4											
Benzo[g,h,i]perylene	191-24-2	ug/L	5/7/2026																										
Benzo[g,h,i]perylene	191-24-2	ug/L	5/8/2026																										
Benzo[g,h,i]perylene	191-24-2	ug/L	5/4/2026																										
Benzo[g,h,i]perylene	191-24-2	ug/L	5/6/2026																										
Benzo[g,h,i]perylene	191-24-2	ug/L	5/7/2026																										
Benzo[g,h,i]perylene	191-24-2	ug/L	5/8/2026																										
Benzo[k]fluoranthene	207-08-9	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Benzo[k]fluoranthene	207-08-9	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Benzo[k]fluoranthene	207-08-9	ug/L	4/4/2011									<10					<10	<10											
Benzo[k]fluoranthene	207-08-9	ug/L	3/30/2013																							<10	<10		
Benzo[k]fluoranthene	207-08-9	ug/L	7/10/2013																		<10.2	<10.1	<10.1	146	<10.3				
Benzo[k]fluoranthene	207-08-9	ug/L	10/7/2013							<10.2	<10.1													<10.1					
Benzo[k]fluoranthene	207-08-9	ug/L	6/2/2014																					<10.1					
Benzo[k]fluoranthene	207-08-9	ug/L	10/15/2014																					<10					
Benzo[k]fluoranthene	207-08-9	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Benzo[k]fluoranthene	207-08-9	ug/L	4/4/2016									<10					<10	<10											
Benzo[k]fluoranthene	207-08-9	ug/L	5/1/2018																		<10.4	<10.3							
Benzo[k]fluoranthene	207-08-9	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Benzo[k]fluoranthene	207-08-9	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Benzo[k]fluoranthene	207-08-9	ug/L	6/24/2020		<10.4																								
Benzo[k]fluoranthene	207-08-9	ug/L	10/20/2021		<8							<8					<8	<8											
Benzo[k]fluoranthene	207-08-9	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Benzo[k]fluoranthene	207-08-9	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Benzo[k]fluoranthene	207-08-9	ug/L	4/24/2025													<10.4													
Benzo[k]fluoranthene	207-08-9	ug/L	5/5/2025						<10.2																				
Benzo[k]fluoranthene	207-08-9	ug/L	5/6/2025										<10.4		<10.6														
Benzo[k]fluoranthene	207-08-9	ug/L	5/7/2025				<10.2													<10.6									
Benzo[k]fluoranthene	207-08-9	ug/L	5/8/2025			<9.80		<10.6																					
Benzo[k]fluoranthene	207-08-9	ug/L	5/4/2026														<10.9												
Benzo[k]fluoranthene	207-08-9	ug/L	5/6/2026															<10.4											
Benzyl alcohol	100-51-6	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Benzyl alcohol	100-51-6	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Benzyl alcohol	100-51-6	ug/L	4/4/2011									<10					<10	<10											
Benzyl alcohol	100-51-6	ug/L	3/30/2013																							<10	<10		
Benzyl alcohol	100-51-6	ug/L	7/10/2013																		<10.2	<10.1	<10.1	146	<10.3				
Benzyl alcohol	100-51-6	ug/L	10/7/2013							<10.2	<10.1													<10.1					
Benzyl alcohol	100-51-6	ug/L	6/2/2014																					<10.1					
Benzyl alcohol	100-51-6	ug/L	10/15/2014																					<10					
Benzyl alcohol	100-51-6	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Benzyl alcohol	100-51-6	ug/L	4/4/2016									<10					<10	<10											
Benzyl alcohol	100-51-6	ug/L	5/1/2018																		<10.4	<10.3							
Benzyl alcohol	100-51-6	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Benzyl alcohol	100-51-6	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Benzyl alcohol	100-51-6	ug/L	6/24/2020		<10.4																								
Benzyl alcohol	100-51-6	ug/L	10/20/2021		<8							<8					<8	<8											
Benzyl alcohol	100-51-6	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Benzyl alcohol	100-51-6	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Benzyl alcohol	100-51-6	ug/L	4/24/2025													<10.4													
Benzyl alcohol	100-51-6	ug/L	5/5/2025						<10.2																				
Benzyl alcohol	100-51-6	ug/L	5/6/2025										<10.4		<10.6														
Benzyl alcohol	100-51-6	ug/L	5/7/2025				<10.2													<10.6									
Benzyl alcohol	100-51-6	ug/L	5/8/2025			<9.80		<10.6																					
Benzyl alcohol	100-51-6	ug/L	5/4/2026														<10.9												
Benzyl alcohol	100-51-6	ug/L	5/6/2026															<10.4											
Beryllium	7440-41-7	mg/L	2/27/2008	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001																			
Beryllium	7440-41-7	mg/L	5/12/2008	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001																			
Beryllium	7440-41-7	mg/L	7/13/2008	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001																			
Beryllium	7440-41-7	mg/L	9/14/2008	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001																			
Beryllium	7440-41-7	mg/L	11/17/2008	<0.001		<0.001	<0.001	<0.001	<0.001	0.00107																			
Beryllium	7440-41-7	mg/L	4/14/2009	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001																			
Beryllium	7440-41-7	mg/L	7/7/2009							<0.001			0.00164	<0.001	<0.001	<0.001			<0.001	<0.001									
Beryllium	7440-41-7	mg/L	9/2/2009							<0.001			0.00126	<0.001	<0.001	<0.001			<0.001	<0.001									
Beryllium	7440-41-7	mg/L	10/25/2009	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001			0.00332	<0.001	<0.001	<0.001			<0.001	<0.001									
Beryllium	7440-41-7	mg/L	1/2/2010							<0.001			0.00209	<0.001	<0.001	<0.001			<0.001	<0.001									
Beryllium	7440-41-7	mg/L	3/3/2010									0.0129	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001									
Beryllium	7440-41-7	mg/L	5/10/2010	<0.0004		0.0022	<0.0004	<0.0004	<0.0004	<0.0004		0.0019	0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	0.00062	<0.0004									
Beryllium	7440-41-7	mg/L	7/8/2010							<0.001		<0.001	<0.001				<0.001	<0.001	<0.001										
Beryllium	7440-41-7	mg/L	9/13/2010							<0.001		<0.001	<0.001				<0.001	<0.001	<0.001										
Beryllium	7440-41-7	mg/L	11/1/2010	<0.001		<0.001		<0.001	<0.001	<0.001			0.00144	<0.001	<0.001	<0.001													
Beryllium	7440-41-7	mg/L	1/10/2011							<0.001		<0.001	0.0032				<0.001	<0.001											
Beryllium	7440-41-7	mg/L	4/4/2011							<0.001		<0.001	0.0014				<0.001	0.00123	<0.001										
Beryllium	7440-41-7	mg/L	7/8/2011							<0.001		<0.001																	
Beryllium	7440-41-7	mg/L	8/11/2011							<0.001		<0.001														<0.001			
Beryllium	7440-41-7	mg/L	10/13/2011	<0.001		<0.001		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00115	0.00246							<0.001			
Beryllium	7440-41-7	mg/L	12/5/2011				<0.001			<0.001		<0.001								<0.001						<0.001			
Beryllium	7440-41-7	mg/L	2/6/2012							<0.001																			
Beryllium	7440-41-7	mg/L	4/11/2012	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	0.00107	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001						<0.001	<0.001		
Beryllium	7440-41-7	mg/L	6/25/2012					<0.001		<0.001																<0.001	<0.001		
Beryllium	7440-41-7	mg/L	8/1/2012							<0.001	<0.001										0.00379	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Beryllium	7440-41-7	mg/L	10/11/2012	<0.001		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00758	<0.001	<0.001	<0.001	0.00132	<0.001	<0.001	
Beryllium	7440-41-7	mg/L	12/13/2012							<0.001											0.00184	0.00148	<0.001	<0.001	0.00298		<0.001		
Beryllium	7440-41-7	mg/L	2/4/2013							<0.001											0.00999	<0.001	<0.001	<0.001	0.00565				
Beryllium	7440-41-7	mg/L	3/30/2013	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0028	<0.001	<0.001	<0.001	0.00113	<0.001	<0.001		
Beryllium	7440-41-7	mg/L	7/10/2013																		0.0048	<0.001	<0.001	<0.001	0.00173				
Beryllium	7440-41-7	mg/L	10/7/2013	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	0.00163	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00128	0.00487	<0.001	<0.001	<0.001	<0.001	<0.001		
Beryllium	7440-41-7	mg/L	6/2/2014	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	10/15/2014	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	4/6/2015	<0.001		<0.001	0.000139J	<0.001	<0.001	<0.001	0.000064J	0.00007J	<0.001	<0.001	<0.001	<0.001	0.0001J	<0.001	0.000336J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	10/5/2015	<0.001		<0.001	0.000097J	0.000139J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000127J	<0.001	0.000041J	0.000081J; 0.000088J	<0.001	0.000131J	<0.001				
Beryllium	7440-41-7	mg/L	4/4/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	10/17/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	4/17/2017	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000278J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	10/11/2017	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000171J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	4/20/2018											<0.001					<0.001	<0.001									
Beryllium	7440-41-7	mg/L	4/23/2018	<0.001								<0.001	<0.001		<0.001	<0.001	<0.001												
Beryllium	7440-41-7	mg/L	4/25/2018						<0.001		<0.001																		
Beryllium	7440-41-7	mg/L	4/30/2018			<0.001	<0.001	<0.001										<0.001											
Beryllium	7440-41-7	mg/L	5/1/2018																		<0.001	<0.001							
Beryllium	7440-41-7	mg/L	5/2/2018																				<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	10/16/2018	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	4/16/2019	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	10/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Beryllium	7440-41-7	mg/L	6/24/2020		<0.001																								
Beryllium	7440-41-7	mg/L	10/7/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	1/21/2021		<0.004																								
Beryllium	7440-41-7	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004				
Beryllium	7440-41-7	mg/L	10/20/2021		<0.004			<0.004				<0.004					<0.004	<0.004			<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0002J	<0.004	<0.004
Beryllium	7440-41-7	mg/L	5/2/2022					<0.004		<0.004	<0.004										<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Beryllium	7440-41-7	mg/L	10/14/2022					<0.004													<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0001J	<0.004
Beryllium	7440-41-7	mg/L	5/1/2023					<0.001		<0.001	<0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/16/2023					<0.001													<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/29/2024					<0.001		<0.001	<0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/9/2024																								<0.00100		
Beryllium	7440-41-7	mg/L	10/10/2024																							<0.00100		<0.00100	
Beryllium	7440-41-7	mg/L	10/14/2024																		<0.00100	<0.00100		<0.00100					<0.00100
Beryllium	7440-41-7	mg/L	10/15/2024																				<0.00100		<0.00100				
Beryllium	7440-41-7	mg/L	4/23/2025	<0.00100										<0.00100					<0.00100										
Beryllium	7440-41-7	mg/L	4/24/2025													<0.00100													
Beryllium	7440-41-7	mg/L	4/30/2025																							<0.00100	<0.00100		
Beryllium	7440-41-7	mg/L	5/5/2025						<0.00100																			<0.00100	
Beryllium	7440-41-7	mg/L	5/6/2025										<0.00100		<0.00100														
Beryllium	7440-41-7	mg/L	5/7/2025				<0.00100													<0.00100	<0.00100	<0.00100	<0.00100						
Beryllium	7440-41-7	mg/L	5/8/2025			<0.00100		<0.00100																					<0.00100
Beryllium	7440-41-7	mg/L	5/9/2025							<0.00100	<0.00100													<0.00100	<0.00100				
Beryllium	7440-41-7	mg/L	10/21/2025																							<0.00100	<0.00100	<0.00100	
Beryllium	7440-41-7	mg/L	10/23/2025					<0.00100													<0.00100	<0.00100	<0.00100	<0.00100	<0.00100				
Beryllium	7440-41-7	mg/L	10/24/2025																										<0.00100
Beryllium	7440-41-7	mg/L	5/4/2026														<0.000400									<0.000400	<0.000400		
Beryllium	7440-41-7	mg/L	5/5/2026																									<0.000400	
Beryllium	7440-41-7	mg/L	5/6/2026							<0.000400	<0.000400							<0.000400			<0.000400								
Beryllium	7440-41-7	mg/L	5/8/2026					<0.000400														<0.000400	<0.000400	<0.000400	<0.000400				<0.000400
Beta-BHC	319-85-7	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Beta-BHC	319-85-7	ug/L	10/25/2009							<0.032																			
Beta-BHC	319-85-7	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Beta-BHC	319-85-7	ug/L	9/13/2010							<0.032																			
Beta-BHC	319-85-7	ug/L	11/1/2010							<0.032																			
Beta-BHC	319-85-7	ug/L	1/10/2011							<0.032																			
Beta-BHC	319-85-7	ug/L	4/4/2011							<0.032		<0.032					<0.032	<0.032											
Beta-BHC	319-85-7	ug/L	10/11/2012								<0.032																		
Beta-BHC	319-85-7	ug/L	3/30/2013																							<0.032	<0.032		
Beta-BHC	319-85-7	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Beta-BHC	319-85-7	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Beta-BHC	319-85-7	ug/L	4/4/2016									<0.032					0.00559J	<0.032											
Beta-BHC	319-85-7	ug/L	5/1/2018																		<0.0333	<0.0323							
Beta-BHC	319-85-7	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Beta-BHC	319-85-7	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	0.0058J			<0.033	<0.033									
Beta-BHC	319-85-7	ug/L	6/24/2020		<0.0337																								
Beta-BHC	319-85-7	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Beta-BHC	319-85-7	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Bicarbonate	BICARB	mg/L	6/2/2014	537		351	557	346	206	330	341	449	480	263	464	392	604	454	433	439	464	129	377	439	402				
Bicarbonate	BICARB	mg/L	10/15/2014	508		356	707	356	186	320	341	459	429	258	490	356	697	485	423	454	475	119	382	449	402	205			
Bis(2-chloroethoxy)methane	111-91-1	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Bis(2-chloroethoxy)methane	111-91-1	ug/L	4/24/2025													<10.4													
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5/5/2025						<10.2																				
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5/6/2025										<10.4		<10.6														
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5/7/2025				<10.2													<10.6									
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5/8/2025			<9.80		<10.6																					
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5/4/2026														<10.9												
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5/6/2026															<10.4											
Bis(2-chloroethyl)ether	111-44-4	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Bis(2-chloroethyl)ether	111-44-4	ug/L	4/24/2025													<10.4													
Bis(2-chloroethyl)ether	111-44-4	ug/L	5/5/2025						<10.2																				
Bis(2-chloroethyl)ether	111-44-4	ug/L	5/6/2025										<10.4		<10.6														
Bis(2-chloroethyl)ether	111-44-4	ug/L	5/7/2025				<10.2													<10.6									
Bis(2-chloroethyl)ether	111-44-4	ug/L	5/8/2025			<9.80		<10.6																					
Bis(2-chloroethyl)ether	111-44-4	ug/L	5/4/2026														<10.9												
Bis(2-chloroethyl)ether	111-44-4	ug/L	5/6/2026															<10.4											
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	4/24/2025													<10.4													
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/5/2025						<10.2																				
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/6/2025										<10.4		<10.6														
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/7/2025				<10.2													<10.6									
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/8/2025			<9.80		<10.6																					
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/4/2026														<10.9												
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/6/2026															<10.4											
Bis(2-methylpentyl)ether	108-60-1	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Bis(2-methylpentyl)ether	108-60-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Bis(2-methylpentyl)ether	108-60-1	ug/L	4/4/2011									<10					<10	<10											
Bis(2-methylpentyl)ether	108-60-1	ug/L	3/30/2013																							<10	<10		
Bis(2-methylpentyl)ether	108-60-1	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Bis(2-methylpentyl)ether	108-60-1	ug/L	6/2/2014																					<10.1					
Bis(2-methylpentyl)ether	108-60-1	ug/L	10/15/2014																					<10					
Bis(2-methylpentyl)ether	108-60-1	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Bis(2-methylpentyl)ether	108-60-1	ug/L	4/4/2016									<10					<10	<10											
Bis(2-methylpentyl)ether	108-60-1	ug/L	5/1/2018																		<10.4	<10.3							
Bis(2-methylpentyl)ether	108-60-1	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Bis(2-methylpentyl)ether	108-60-1	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Bis(2-methylpentyl)ether	108-60-1	ug/L	6/24/2020		<10.4																								
Bis(2-methylpentyl)ether	108-60-1	ug/L	10/20/2021		<8							<8					<8	<8											
Bis(2-methylpentyl)ether	108-60-1	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	4/4/2011									<10					<10	<10											
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	3/30/2013																							<10	<10		
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	6/2/2014																					<10.1					
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	10/15/2014																					<10					
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	4/4/2016									<10					<10	<10											
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	5/1/2018																		<10.4	<10.3							
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	6/24/2020		<10.4																								
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	10/20/2021		<8							<8					<8	<8											
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	4/4/2011									<10					<10	<10											
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	3/30/2013																							<10	<10		
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	6/2/2014																					<10.1					
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	10/15/2014																					2.25J					
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	10/5/2015	0.768J		5.49J	7.73J	2.25J	<10.1				14.2	1.1J	1.03J	8.07J			15.3	10.8									

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/4/2016									0.747J	<10				0.88J	0.761J	0.635J	1.34J									
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/11/2016										0.817J						1.39J	0.843J									
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/17/2016										0.875J						1.1J	0.56J									
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	11/14/2016										1.86J						1.41J	0.922J									
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/17/2017										<10.9						0.896J	<10									
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/11/2017										<10.4						<10.6	<10.2									
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/20/2018																<10.6	<10.3									
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/23/2018										<10.3																
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/1/2018																		<10.4	<10.3							
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/16/2018										<10.1						<10.5	<10.3									
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/16/2019										<10.2						<10.1	<10.1									
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	6/24/2020		<10.4																								
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/20/2021		<6							<6					<6	<6											
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Bromochloromethane	74-97-5	ug/L	2/27/2008	<5		<5	<5	<5	<5	<5																			
Bromochloromethane	74-97-5	ug/L	5/12/2008	<5		<5	<5	<5	<5	<5																			
Bromochloromethane	74-97-5	ug/L	7/13/2008	<5		<5	<5	<5	<5	<5																			
Bromochloromethane	74-97-5	ug/L	9/14/2008	<5		<5	<5	<5	<5	<5																			
Bromochloromethane	74-97-5	ug/L	11/17/2008	<5		<5	<5	<5	<5	<5																			
Bromochloromethane	74-97-5	ug/L	4/14/2009	<5		<5	<5	<5	<5	<5																			
Bromochloromethane	74-97-5	ug/L	7/7/2009										<5	<5	<5	<5			<5	<5									
Bromochloromethane	74-97-5	ug/L	9/2/2009										<5	<5	<5	<5			<5	<5									
Bromochloromethane	74-97-5	ug/L	10/25/2009	<5		<5	<5	<5	<5	<5			<5	<5	<5	<5			<5	<5									
Bromochloromethane	74-97-5	ug/L	1/2/2010										<5	<5	<5	<5			<5	<5									
Bromochloromethane	74-97-5	ug/L	3/3/2010									<5	<5	<5	<5	<5	<5	<5	<5	<5									
Bromochloromethane	74-97-5	ug/L	5/10/2010	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5									
Bromochloromethane	74-97-5	ug/L	7/8/2010									<5					<5	<5											
Bromochloromethane	74-97-5	ug/L	9/13/2010									<5					<5	<5											
Bromochloromethane	74-97-5	ug/L	11/1/2010	<5		<5		<5	<5	<5			<5	<5	<5	<5													
Bromochloromethane	74-97-5	ug/L	1/10/2011									<5					<5	<5											
Bromochloromethane	74-97-5	ug/L	4/4/2011									<5					<5	<5											
Bromochloromethane	74-97-5	ug/L	8/11/2011																							<5			
Bromochloromethane	74-97-5	ug/L	10/13/2011	<5		<5		<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5							<5			
Bromochloromethane	74-97-5	ug/L	12/5/2011				<5													<5						<5			
Bromochloromethane	74-97-5	ug/L	4/11/2012	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5						<5	<5		
Bromochloromethane	74-97-5	ug/L	6/25/2012				<5			<5																<5	<5		
Bromochloromethane	74-97-5	ug/L	8/1/2012							<5	<5										<5	<5	<5	<5	<5	<5	<5		
Bromochloromethane	74-97-5	ug/L	10/11/2012	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Bromochloromethane	74-97-5	ug/L	12/13/2012								<5										<5	<5	<5	<5	<5		<5		
Bromochloromethane	74-97-5	ug/L	2/4/2013								<5										<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	3/30/2013	<5		<5	<5	<5	<5		<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Bromochloromethane	74-97-5	ug/L	7/10/2013																		<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	10/7/2013	<5		<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5		<5		
Bromochloromethane	74-97-5	ug/L	6/2/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	10/15/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	4/6/2015	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	10/5/2015	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	4/4/2016	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	10/17/2016	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	4/17/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	10/11/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	4/20/2018										<5						<5	<5									
Bromochloromethane	74-97-5	ug/L	4/23/2018	<5								<5	<5		<5	<5	<5												
Bromochloromethane	74-97-5	ug/L	4/25/2018						<5																				
Bromochloromethane	74-97-5	ug/L	4/30/2018			<5	<5	<5										<5											
Bromochloromethane	74-97-5	ug/L	5/1/2018								<5										<5	<5							
Bromochloromethane	74-97-5	ug/L	5/2/2018																				<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	10/16/2018	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	4/16/2019	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	3/30/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	6/24/2020		<5																								
Bromochloromethane	74-97-5	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	1/21/2021		<1																								
Bromochloromethane	74-97-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Bromochloromethane	74-97-5	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Bromodichloromethane	75-27-4	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	4/20/2018											<1					<1	<1									
Bromodichloromethane	75-27-4	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
Bromodichloromethane	75-27-4	ug/L	4/25/2018						<1																				
Bromodichloromethane	75-27-4	ug/L	4/30/2018			<1	<1	<1										<1											
Bromodichloromethane	75-27-4	ug/L	5/1/2018								<1										<1	<1							
Bromodichloromethane	75-27-4	ug/L	5/2/2018																				<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	6/24/2020		<1																								
Bromodichloromethane	75-27-4	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	1/21/2021		<1																								
Bromodichloromethane	75-27-4	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/9/2024		<1.00								<1.00														<1.00		
Bromodichloromethane	75-27-4	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
Bromodichloromethane	75-27-4	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
Bromodichloromethane	75-27-4	ug/L	10/15/2024																				<1.00		<1.00				
Bromodichloromethane	75-27-4	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Bromodichloromethane	75-27-4	ug/L	4/24/2025													<1.00													
Bromodichloromethane	75-27-4	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
Bromodichloromethane	75-27-4	ug/L	5/5/2025						<1.00																			<1.00	
Bromodichloromethane	75-27-4	ug/L	5/6/2025										<1.00		<1.00														
Bromodichloromethane	75-27-4	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
Bromodichloromethane	75-27-4	ug/L	5/8/2025			<1.00		<1.00																					<1.00
Bromodichloromethane	75-27-4	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
Bromodichloromethane	75-27-4	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
Bromodichloromethane	75-27-4	ug/L	10/22/2025		<1.00							<1.00	<1.00																
Bromodichloromethane	75-27-4	ug/L	10/23/2025				<1.00														<1.00	<1.00	<1.00	<1.00	<1.00				
Bromodichloromethane	75-27-4	ug/L	10/24/2025																										<1.00
Bromodichloromethane	75-27-4	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
Bromodichloromethane	75-27-4	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
Bromodichloromethane	75-27-4	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
Bromodichloromethane	75-27-4	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
Bromoform	75-25-2	ug/L	2/27/2008	<5		<5	<5	<5	<5	<5																			
Bromoform	75-25-2	ug/L	5/12/2008	<5		<5	<5	<5	<5	<5																			
Bromoform	75-25-2	ug/L	7/13/2008	<5		<5	<5	<5	<5	<5																			
Bromoform	75-25-2	ug/L	9/14/2008	<5		<5	<5	<5	<5	<5																			
Bromoform	75-25-2	ug/L	11/17/2008	<5		<5	<5	<5	<5	<5																			
Bromoform	75-25-2	ug/L	4/14/2009	<5		<5	<5	<5	<5	<5																			
Bromoform	75-25-2	ug/L	7/7/2009										<5	<5	<5	<5			<5	<5									
Bromoform	75-25-2	ug/L	9/2/2009										<5	<5	<5	<5			<5	<5									
Bromoform	75-25-2	ug/L	10/25/2009	<10		<20	<10	<10	<20	<20			<10	<10	<10	<20			<20	<20									
Bromoform	75-25-2	ug/L	1/2/2010										<10	<50	<10	<50			<10	<10									
Bromoform	75-25-2	ug/L	3/3/2010									<5	<5	<5	<5	<5	<5	<5	<5	<5									
Bromoform	75-25-2	ug/L	5/10/2010	<20		<20	<20	<20	<20	<20		<20	<20	<20	<20	<20	<20	<20	<20	<20									
Bromoform	75-25-2	ug/L	7/8/2010									<5					<5	<5											
Bromoform	75-25-2	ug/L	9/13/2010									<5					<5	<5											
Bromoform	75-25-2	ug/L	11/1/2010	<10		<5		<10	<10	<5			<10	<10	<10	<10													
Bromoform	75-25-2	ug/L	1/10/2011									<5					<5	<5											
Bromoform	75-25-2	ug/L	4/4/2011									<5					<5	<5											
Bromoform	75-25-2	ug/L	8/11/2011																							<5			
Bromoform	75-25-2	ug/L	10/13/2011	<5		<5		<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5							<5			
Bromoform	75-25-2	ug/L	12/5/2011				<5													<5						<5			
Bromoform	75-25-2	ug/L	4/11/2012	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5						<5	<5		
Bromoform	75-25-2	ug/L	6/25/2012					<5		<5																<5	<5		
Bromoform	75-25-2	ug/L	8/1/2012								<5															<5	<5		
Bromoform	75-25-2	ug/L	10/11/2012	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Bromoform	75-25-2	ug/L	12/13/2012								<5										<5	<5	<5	<5	<5		<5		
Bromoform	75-25-2	ug/L	2/4/2013								<5										<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	3/30/2013	<5		<5	<5	<5	<5		<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Bromoform	75-25-2	ug/L	7/10/2013																		<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	10/7/2013	<5		<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5		<5		
Bromoform	75-25-2	ug/L	6/2/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	10/15/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	4/6/2015	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	10/5/2015	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	4/4/2016	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	10/17/2016	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	4/17/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	10/11/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	4/20/2018											<5					<5	<5									
Bromoform	75-25-2	ug/L	4/23/2018	<5								<5	<5		<5	<5	<5												
Bromoform	75-25-2	ug/L	4/25/2018						<5																				
Bromoform	75-25-2	ug/L	4/30/2018			<5	<5	<5										<5											
Bromoform	75-25-2	ug/L	5/1/2018								<5										<5	<5							
Bromoform	75-25-2	ug/L	5/2/2018																				<5	<5	<5				
Bromoform	75-25-2	ug/L	10/16/2018	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	4/16/2019	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	3/30/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	6/24/2020		<5																								
Bromoform	75-25-2	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	1/21/2021		<5																								
Bromoform	75-25-2	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromoform	75-25-2	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	75-25-2	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	75-25-2	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromoform	75-25-2	ug/L	5/1/2023	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/16/2023		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/29/2024		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/9/2024		<5.00								<5.00														<5.00		
Bromoform	75-25-2	ug/L	10/10/2024						<5.00			<5.00														<5.00		<5.00	
Bromoform	75-25-2	ug/L	10/14/2024																		<5.00	<5.00		<5.00					<5.00
Bromoform	75-25-2	ug/L	10/15/2024																				<5.00		<5.00				
Bromoform	75-25-2	ug/L	4/23/2025	<5.00										<5.00					<5.00										
Bromoform	75-25-2	ug/L	4/24/2025													<5.00													
Bromoform	75-25-2	ug/L	4/30/2025		<5.00							<5.00														<5.00	<5.00		
Bromoform	75-25-2	ug/L	5/5/2025						<5.00																			<5.00	
Bromoform	75-25-2	ug/L	5/6/2025										<5.00		<5.00														
Bromoform	75-25-2	ug/L	5/7/2025				<5.00													<5.00	<5.00	<5.00	<5.00						
Bromoform	75-25-2	ug/L	5/8/2025			<5.00		<5.00																					<5.00
Bromoform	75-25-2	ug/L	5/9/2025							<5.00	<5.00													<5.00	<5.00				
Bromoform	75-25-2	ug/L	10/21/2025						<5.00																	<5.00	<5.00	<5.00	
Bromoform	75-25-2	ug/L	10/22/2025		<5.00							<5.00	<5.00																
Bromoform	75-25-2	ug/L	10/23/2025				<5.00														<5.00	<5.00	<5.00	<5.00	<5.00				
Bromoform	75-25-2	ug/L	10/24/2025																										<5.00
Bromoform	75-25-2	ug/L	5/4/2026									<5.00					<5.00									<5.00	<5.00		
Bromoform	75-25-2	ug/L	5/5/2026		<5.00				<5.00				<5.00															<5.00	
Bromoform	75-25-2	ug/L	5/6/2026							<5.00	<5.00							<5.00			<5.00								
Bromoform	75-25-2	ug/L	5/8/2026					<5.00														<5.00	<5.00	<5.00	<5.00				<5.00
Bromomethane	74-83-9	ug/L	2/27/2008	<4		<4	<4	<4	<4	<4																			
Bromomethane	74-83-9	ug/L	5/12/2008	<4		<4	<4	<4	<4	<4																			
Bromomethane	74-83-9	ug/L	7/13/2008	<4		<4	<4	<4	<4	<4																			
Bromomethane	74-83-9	ug/L	9/14/2008	<4		<4	<4	<4	<4	<4																			
Bromomethane	74-83-9	ug/L	11/17/2008	<4		<4	<4	<4	<4	<4																			
Bromomethane	74-83-9	ug/L	4/14/2009	<4		<4	<4	<4	<4	<4																			
Bromomethane	74-83-9	ug/L	7/7/2009										<4	<4	<4	<4			<4	<4									

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Bromomethane	74-83-9	ug/L	9/2/2009										<4	<4	<4	<4			<4	<4									
Bromomethane	74-83-9	ug/L	10/25/2009	<4		<4	<4	<4	<4	<4			<4	<4	<4	<4			<4	<4									
Bromomethane	74-83-9	ug/L	1/2/2010										<4	<4	<4	<4			<4	<4									
Bromomethane	74-83-9	ug/L	3/3/2010									<4	<4	<4	<4	<4	<4	<4	<4	<4									
Bromomethane	74-83-9	ug/L	5/10/2010	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4									
Bromomethane	74-83-9	ug/L	7/8/2010									<4					<4	<4											
Bromomethane	74-83-9	ug/L	9/13/2010									<4					<4	<4											
Bromomethane	74-83-9	ug/L	1/1/1/2010	<4		<4		<4	<4	<4			<4	<4	<4	<4													
Bromomethane	74-83-9	ug/L	1/10/2011									<4					<4	<4											
Bromomethane	74-83-9	ug/L	4/4/2011									<4					<4	<4											
Bromomethane	74-83-9	ug/L	8/11/2011																							<4			
Bromomethane	74-83-9	ug/L	10/13/2011	<4		<4		<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4							<4			
Bromomethane	74-83-9	ug/L	12/5/2011				<20													<20						<4			
Bromomethane	74-83-9	ug/L	4/11/2012	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4						<4	<4		
Bromomethane	74-83-9	ug/L	6/25/2012				<4			<4																<4	<4		
Bromomethane	74-83-9	ug/L	8/1/2012							<4	<4										<4	<4	<4	<4	<4	<4	<4		
Bromomethane	74-83-9	ug/L	10/11/2012	<5		<4	<4	<4	<4		<4	<5		<4	<4	<5	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4		
Bromomethane	74-83-9	ug/L	12/13/2012								<4										<4	<4	<4	<4	<4		<4		
Bromomethane	74-83-9	ug/L	2/4/2013								<4										<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	3/30/2013	<4		<4	<4	<4	<4		<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4		
Bromomethane	74-83-9	ug/L	7/10/2013																		<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	10/7/2013	<4		<4			<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	<4	<4	<4	<4		<4		
Bromomethane	74-83-9	ug/L	6/2/2014	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	10/15/2014	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	4/6/2015	<4		<4	<4	<4	<4	<4	<4	<4	<4	0.261J	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	10/5/2015	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	4/4/2016	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	0.379J	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	10/17/2016	0.596J		<4	<4	<4	<4	<4	<4	<4	0.559J	<4	<4	<4	<4	0.408J	0.467J	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	4/17/2017	0.437J		0.399J	0.482J	0.514J	<4	0.499J	0.496J	0.356J	0.415J	0.326J	0.41J	0.444J	0.414J	0.275J	0.447J	0.279J	0.539J	0.482J	0.403J	0.457J	0.239J				
Bromomethane	74-83-9	ug/L	10/11/2017	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	4/20/2018											<4					<4	<4									
Bromomethane	74-83-9	ug/L	4/23/2018	<4								<4	<4		<4	<4	0.333J												
Bromomethane	74-83-9	ug/L	4/25/2018						<4																				
Bromomethane	74-83-9	ug/L	4/30/2018			<4	<4	<4										<4											
Bromomethane	74-83-9	ug/L	5/1/2018								<4										<4	<4							
Bromomethane	74-83-9	ug/L	5/2/2018																				0.237J	0.411J	0.304J				
Bromomethane	74-83-9	ug/L	10/16/2018	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	4/16/2019	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	10/1/2019	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	3/30/2020	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	6/24/2020		<4																								
Bromomethane	74-83-9	ug/L	10/7/2020	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	1/21/2021		<1																								
Bromomethane	74-83-9	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Bromomethane	74-83-9	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromomethane	74-83-9	ug/L	5/2/2022		<1			<1	0.6J	<1	<1	<1	<1								<1	<1	<1	0.6J	<1	<1	<1	<1	<1
Bromomethane	74-83-9	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Bromomethane	74-83-9	ug/L	5/1/2023	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/16/2023		<4			<4	<4			<4	<4								<4	<4	<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	4/29/2024		<4			<4	<4	<4	<4	<4	<4								<4	<4	<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/9/2024		<4.00								<4.00														<4.00		
Bromomethane	74-83-9	ug/L	10/10/2024						<4.00			<4.00													<4.00		<4.00	
Bromomethane	74-83-9	ug/L	10/14/2024																		<4.00	<4.00		<4.00					<4.00
Bromomethane	74-83-9	ug/L	10/15/2024																				<4.00		<4.00				
Bromomethane	74-83-9	ug/L	4/23/2025	<4.00										<4.00					<4.00										
Bromomethane	74-83-9	ug/L	4/24/2025													<4.00													
Bromomethane	74-83-9	ug/L	4/30/2025		<4.00							<4.00														<4.00	<4.00		
Bromomethane	74-83-9	ug/L	5/5/2025						<4.00																			<4.00	
Bromomethane	74-83-9	ug/L	5/6/2025										<4.00		<4.00														
Bromomethane	74-83-9	ug/L	5/7/2025				<4.00													<4.00	<4.00	<4.00	<4.00						
Bromomethane	74-83-9	ug/L	5/8/2025			<4.00		<4.00																					<4.00
Bromomethane	74-83-9	ug/L	5/9/2025							<4.00	<4.00													<4.00	<4.00				
Bromomethane	74-83-9	ug/L	10/21/2025						<4.00																	<4.00			
Bromomethane	74-83-9	ug/L	10/22/2025		<4.00							<4.00	<4.00																
Bromomethane	74-83-9	ug/L	10/23/2025					<4.00													<4.00	<4.00	<4.00	<4.00	<4.00				
Bromomethane	74-83-9	ug/L	10/24/2025																										<4.00
Bromomethane	74-83-9	ug/L	5/4/2026									<4.00					<4.00									<4.00			
Bromomethane	74-83-9	ug/L	5/5/2026		<4.00				<4.00				<4.00														<4.00		
Bromomethane	74-83-9	ug/L	5/6/2026							<4.00	<4.00							<4.00			<4.00								
Bromomethane	74-83-9	ug/L	5/8/2026					<4.00														<4.00	<4.00	<4.00	<4.00				<4.00
Butyl benzyl phthalate	85-68-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Butyl benzyl phthalate	85-68-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Butyl benzyl phthalate	85-68-7	ug/L	4/4/2011									<10					<10	<10											
Butyl benzyl phthalate	85-68-7	ug/L	3/30/2013																							<10	<10		
Butyl benzyl phthalate	85-68-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Butyl benzyl phthalate	85-68-7	ug/L	6/2/2014																					<10.1					
Butyl benzyl phthalate	85-68-7	ug/L	10/15/2014																					<10					
Butyl benzyl phthalate	85-68-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Butyl benzyl phthalate	85-68-7	ug/L	4/4/2016									<10					<10	<10											
Butyl benzyl phthalate	85-68-7	ug/L	5/1/2018																		<10.4	<10.3							
Butyl benzyl phthalate	85-68-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Butyl benzyl phthalate	85-68-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Butyl benzyl phthalate	85-68-7	ug/L	6/24/2020		<10.4																								
Butyl benzyl phthalate	85-68-7	ug/L	10/20/2021		<8							<8					<8	<8											
Butyl benzyl phthalate	85-68-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Butyl benzyl phthalate	85-68-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Butyl benzyl phthalate	85-68-7	ug/L	4/24/2025													<10.4													
Butyl benzyl phthalate	85-68-7	ug/L	5/5/2025						<10.2																				
Butyl benzyl phthalate	85-68-7	ug/L	5/6/2025										<10.4		<10.6														
Butyl benzyl phthalate	85-68-7	ug/L	5/7/2025				<10.2														<10.6								
Butyl benzyl phthalate	85-68-7	ug/L	5/8/2025			<9.80		<10.6																					
Butyl benzyl phthalate	85-68-7	ug/L	5/4/2026														<10.9												
Butyl benzyl phthalate	85-68-7	ug/L	5/6/2026															<10.4											
Cadmium	7440-43-9	mg/L	2/27/2008	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025																			
Cadmium	7440-43-9	mg/L	5/12/2008	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025																			
Cadmium	7440-43-9	mg/L	7/13/2008	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025																			
Cadmium	7440-43-9	mg/L	9/14/2008	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025																			
Cadmium	7440-43-9	mg/L	11/17/2008	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005																			
Cadmium	7440-43-9	mg/L	4/14/2009	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025																			
Cadmium	7440-43-9	mg/L	7/7/2009										<0.0025	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025									
Cadmium	7440-43-9	mg/L	9/2/2009										<0.0025	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025									
Cadmium	7440-43-9	mg/L	10/25/2009	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025									
Cadmium	7440-43-9	mg/L	1/2/2010										<0.0025	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025									
Cadmium	7440-43-9	mg/L	3/3/2010									<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025									
Cadmium	7440-43-9	mg/L	5/10/2010	<0.0004		0.0012	<0.0004	<0.0004	<0.0004	<0.0004		<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004									
Cadmium	7440-43-9	mg/L	7/8/2010							<0.0025		<0.0025					<0.0025	<0.0025											
Cadmium	7440-43-9	mg/L	9/13/2010							<0.0025		<0.0025					<0.0025	<0.0025											
Cadmium	7440-43-9	mg/L	11/1/2010										<0.0025	<0.0025	<0.0025	<0.0025													
Cadmium	7440-43-9	mg/L	1/10/2011							<0.0005		<0.0005					<0.0005	<0.0005											
Cadmium	7440-43-9	mg/L	4/4/2011									<0.0005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0005	<0.0005	<0.0025										
Cadmium	7440-43-9	mg/L	7/8/2011							<0.0025		<0.0025					<0.0025	<0.0025											
Cadmium	7440-43-9	mg/L	8/11/2011							<0.0025		<0.0025					<0.0025	<0.0025								<0.0025			
Cadmium	7440-43-9	mg/L	10/13/2011	<0.0005		<0.0005		<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000573	0.00229							<0.0005			
Cadmium	7440-43-9	mg/L	1/25/2011				0.00058													<0.0005						<0.0005			
Cadmium	7440-43-9	mg/L	2/6/2012							<0.0005																			
Cadmium	7440-43-9	mg/L	4/11/2012	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005						<0.0005	<0.0005		
Cadmium	7440-43-9	mg/L	6/25/2012					<0.0005		<0.0005																<0.0005	<0.0005		
Cadmium	7440-43-9	mg/L	8/1/2012							<0.0005	<0.0005										0.000664	<0.0005	<0.0005	0.000638	0.000537	<0.0005	<0.0005		
Cadmium	7440-43-9	mg/L	10/11/2012	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000817	<0.0005	<0.0005	<0.0005	0.000688	<0.0005	<0.0005		
Cadmium	7440-43-9	mg/L	12/13/2012								<0.0005										<0.0005	<0.0005	<0.0005	<0.0005	0.00236		<0.0005		
Cadmium	7440-43-9	mg/L	2/4/2013								<0.0005										0.00157	<0.0005	<0.0005	<0.0005	0.00251				
Cadmium	7440-43-9	mg/L	3/30/2013	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000634	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
Cadmium	7440-43-9	mg/L	7/10/2013																		0.00138	<0.0005	<0.0005	<0.0005	0.000746				
Cadmium	7440-43-9	mg/L	10/7/2013	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00173	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00181	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
Cadmium	7440-43-9	mg/L	6/2/2014	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
Cadmium	7440-43-9	mg/L	10/15/2014	<0.0005		<0.0005	0.00036J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
Cadmium	7440-43-9	mg/L	4/6/2015	<0.0005		<0.0005	0.000181J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000124J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Cadmium	7440-43-9	mg/L	10/5/2015	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
Cadmium	7440-43-9	mg/L	4/4/2016	<0.0005		<0.0005	<0.0005	<0.0005	0.000036J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000039J	0.00008J	<0.0005	<0.0005	<0.0005	0.000045J	0.000056J	<0.0005	<0.0005	<0.0005	<0.0005				
Cadmium	7440-43-9	mg/L	10/17/2016	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00005J	<0.0005	<0.0005	0.000036J	<0.0005	<0.0005	<0.0005	0.000038J				
Cadmium	7440-43-9	mg/L	4/17/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000091J	<0.0005	0.000112J	0.000172J	0.000074J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
Cadmium	7440-43-9	mg/L	10/11/2017	<0.0005		<0.0005	<0.0005	<0.0005	0.000075J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
Cadmium	7440-43-9	mg/L	4/20/2018										<0.0005						<0.0005	<0.0005									
Cadmium	7440-43-9	mg/L	4/23/2018	<0.0005								<0.0005	<0.0005		<0.0005	<0.0005	<0.0005												
Cadmium	7440-43-9	mg/L	4/25/2018						<0.0005		<0.0005																		
Cadmium	7440-43-9	mg/L	4/30/2018			<0.0005	<0.0005	<0.0005										0.000211J											
Cadmium	7440-43-9	mg/L	5/1/2018																		<0.0005	<0.0005							
Cadmium	7440-43-9	mg/L	5/2/2018																				<0.0005	<0.0005	<0.0005				
Cadmium	7440-43-9	mg/L	10/16/2018	<0.0005		0.000067J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00009SJ	<0.0005	<0.0005	0.000066J	<0.0005	<0.0005	<0.0005	<0.0005				
Cadmium	7440-43-9	mg/L	4/16/2019	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000239J	0.000118J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
Cadmium	7440-43-9	mg/L	10/1/2019	<0.0001	0.000044J	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.000048J	<0.0001	0.000082J	<0.0001	0.000108	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				
Cadmium	7440-43-9	mg/L	3/30/2020	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.000045J	<0.0001	0.000097J	<0.0001	0.000073J	0.000055J	<0.0001	<0.0001	<0.0001	<0.0001				
Cadmium	7440-43-9	mg/L	6/24/2020		<0.0001																								
Cadmium	7440-43-9	mg/L	10/7/2020	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.000063J	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.000061J	<0.0001	0.000084J	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001				
Cadmium	7440-43-9	mg/L	1/21/2021		<0.0008																								
Cadmium	7440-43-9	mg/L	4/13/2021	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008				
Cadmium	7440-43-9	mg/L	10/20/2021		<0.0008			<0.0008				<0.0008					<0.0008	<0.0008			<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	0.0002J	0.0002J	<0.0008
Cadmium	7440-43-9	mg/L	5/2/2022					<0.0008		<0.0008	<0.0008										<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	0.0001J	<0.0008
Cadmium	7440-43-9	mg/L	10/14/2022					<0.0008													<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008	0.0008	<0.0008
Cadmium	7440-43-9	mg/L	5/1/2023					<0.0002		<0.0002	<0.0002										<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.000138J	<0.0002
Cadmium	7440-43-9	mg/L	10/16/2023					<0.0002													<0.0002	<0.0002	0.000102J	<0.0002	<0.0002	<0.0002	<0.0002	0.000246	<0.0002
Cadmium	7440-43-9	mg/L	4/29/2024					<0.0002		<0.0002	<0.0002										<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00015J	<0.0002
Cadmium	7440-43-9	mg/L	10/9/2024																								<0.000200		
Cadmium	7440-43-9	mg/L	10/10/2024																							<0.000200		0.000359	
Cadmium	7440-43-9	mg/L	10/14/2024																		<0.000200	<0.000200		<0.000200					<0.000200
Cadmium	7440-43-9	mg/L	10/15/2024																				<0.000200		<0.000200				
Cadmium	7440-43-9	mg/L	4/23/2025	<0.000200										<0.000200					<0.000200										
Cadmium	7440-43-9	mg/L	4/24/2025													<0.000200													
Cadmium	7440-43-9	mg/L	4/30/2025																							<0.000200	<0.000200		
Cadmium	7440-43-9	mg/L	5/5/2025						<0.000200																			0.000131	
Cadmium	7440-43-9	mg/L	5/6/2025										<0.000200		<0.000200														
Cadmium	7440-43-9	mg/L	5/7/2025				<0.000200													0.000101	<0.000200	<0.000200	<0.000200						
Cadmium	7440-43-9	mg/L	5/8/2025			<0.000200		<0.000200																					<0.000200
Cadmium	7440-43-9	mg/L	5/9/2025							<0.000200	<0.000200													<0.000200	<0.000200				
Cadmium	7440-43-9	mg/L	10/21/2025																							<0.000200	<0.000200	0.000255	
Cadmium	7440-43-9	mg/L	10/23/2025					<0.000200													<0.000200	<0.000200	<0.000200	<0.000200	<0.000200				
Cadmium	7440-43-9	mg/L	10/24/2025																										<0.000200
Cadmium	7440-43-9	mg/L	5/4/2026														<0.000500									<0.000500	<0.000500		
Cadmium	7440-43-9	mg/L	5/5/2026																									<0.000500	
Cadmium	7440-43-9	mg/L	5/8/2026							<0.000500	<0.000500							<0.000500			<0.000500								
Cadmium	7440-43-9	mg/L	5/8/2026					<0.000500														<0.000500	<0.000500	<0.000500	<0.000500				<0.000500
Calcium	7440-70-2	mg/L	6/2/2014	131		83	129	105	49.5	64.7	87.1	109	118	68.2	95.5	83.7	228	104	106	152	135	27.4	85.2	108	110				
Calcium	7440-70-2	mg/L	10/15/2014	123		84.1	160	106	46.9	66.1	95.7	115	103	62.4	120	80.5	195	121	101	127	146	28.6	90.4	112	96.7	62.4			
Carbon Disulfide	75-15-0	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
Carbon Disulfide	75-15-0	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
Carbon Disulfide	75-15-0	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
Carbon Disulfide	75-15-0	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
Carbon Disulfide	75-15-0	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
Carbon Disulfide	75-15-0	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
Carbon Disulfide	75-15-0	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1									
Carbon Disulfide	75-15-0	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
Carbon Disulfide	75-15-0	ug/L	10/25/2009	<5		<5	<5	<5	<1	<5			<5	<5	<5	<1			<1	<1									
Carbon Disulfide	75-15-0	ug/L	1/2/2010										<1	<5	<1	<5			<1	<1									
Carbon Disulfide	75-15-0	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
Carbon Disulfide	75-15-0	ug/L	5/10/2010	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4									
Carbon Disulfide	75-15-0	ug/L	7/8/2010									<5					<5	<5											
Carbon Disulfide	75-15-0	ug/L	9/13/2010									<10					<10	<10											
Carbon Disulfide	75-15-0	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
Carbon Disulfide	75-15-0	ug/L	1/10/2011									<1					<1	<1											
Carbon Disulfide	75-15-0	ug/L	4/4/2011									<1					<1	<4											
Carbon Disulfide	75-15-0	ug/L	8/11/2011																							<1			
Carbon Disulfide	75-15-0	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Carbon Disulfide	75-15-0	ug/L	12/5/2011				<1													<1						<1			
Carbon Disulfide	75-15-0	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Carbon Disulfide	75-15-0	ug/L	6/25/2012					<1		<1																<1	<1		
Carbon Disulfide	75-15-0	ug/L	8/1/2012																										
Carbon Disulfide	75-15-0	ug/L	10/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Carbon Disulfide	75-15-0	ug/L	4/4/2011									<1					<1	<4											
Carbon Disulfide	75-15-0	ug/L	8/11/2011																							<1			
Carbon Disulfide	75-15-0	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Carbon Disulfide	75-15-0	ug/L	12/5/2011				<1													<1						<1			
Carbon Disulfide	75-15-0	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Carbon Disulfide	75-15-0	ug/L	6/25/2012					<1		<1																<1	<1		
Carbon Disulfide	75-15-0	ug/L	8/1/2012																										
Carbon Disulfide	75-15-0	ug/L	10/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Carbon Tetrachloride	56-23-5	ug/L	2/27/2008	<2		<2	<2	<2	<2	<2																			
Carbon Tetrachloride	56-23-5	ug/L	5/12/2008	<2		<2	<2	<2	<2	<2																			
Carbon Tetrachloride	56-23-5	ug/L	7/13/2008	<2		<2	<2	<2	<2	<2																			
Carbon Tetrachloride	56-23-5	ug/L	9/14/2008	<2		<2	<2	<2	<2	<2																			
Carbon Tetrachloride	56-23-5	ug/L	11/17/2008	<2		<2	<2	<2	<2	<2																			
Carbon Tetrachloride	56-23-5	ug/L	4/14/2009	<2		<2	<2	<2	<2	<2																			
Carbon Tetrachloride	56-23-5	ug/L	7/7/2009										<2	<2	<2	<2			<2	<2									
Carbon Tetrachloride	56-23-5	ug/L	9/2/2009										<2	<2	<2	<2			<2	<2									
Carbon Tetrachloride	56-23-5	ug/L	10/25/2009	<2		<5	<2	<2	<2	<5			<2	<2	<2	<2			<2	<2									
Carbon Tetrachloride	56-23-5	ug/L	1/2/2010										<2	<5	<2	<5			<2	<2									
Carbon Tetrachloride	56-23-5	ug/L	3/3/2010									<2	<2	<2	<2	<2	<2	<2	<2	<2									
Carbon Tetrachloride	56-23-5	ug/L	5/10/2010	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4									
Carbon Tetrachloride	56-23-5	ug/L	7/8/2010									<5					<5	<5											
Carbon Tetrachloride	56-23-5	ug/L	9/13/2010									<5					<5	<5											
Carbon Tetrachloride	56-23-5	ug/L	11/1/2010	<5		<2		<5	<5	<2			<5	<5	<5	<5													
Carbon Tetrachloride	56-23-5	ug/L	1/10/2011									<2					<2	<2											
Carbon Tetrachloride	56-23-5	ug/L	4/4/2011									<2					<2	<4											
Carbon Tetrachloride	56-23-5	ug/L	8/11/2011																							<2			
Carbon Tetrachloride	56-23-5	ug/L	10/13/2011	<2		<2		<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2							<2			
Carbon Tetrachloride	56-23-5	ug/L	12/5/2011				<2													<2						<2			
Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	<2		<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2						<2	<2		
Carbon Tetrachloride	56-23-5	ug/L	6/25/2012					<2		<2																<2	<2		
Carbon Tetrachloride	56-23-5	ug/L	8/1/2012							<2	<2										<2	<2	<2	<2	<2	<2	<2		
Carbon Tetrachloride	56-23-5	ug/L	10/11/2012	<2		<2	<2	<2	<2		<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Carbon Tetrachloride	56-23-5	ug/L	12/13/2012								<2										<2	<2	<2	<2	<2		<2		
Carbon Tetrachloride	56-23-5	ug/L	2/4/2013								<2										<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	3/30/2013	<2		<2	<2	<2	<2		<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		
Carbon Tetrachloride	56-23-5	ug/L	7/10/2013																		<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	10/7/2013	<2		<2			<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2		<2		
Carbon Tetrachloride	56-23-5	ug/L	6/2/2014	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	10/15/2014	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	4/6/2015	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	10/5/2015	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	4/4/2016	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	10/17/2016	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	4/17/2017	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	10/11/2017	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	4/20/2018											<2					<2	<2									
Carbon Tetrachloride	56-23-5	ug/L	4/23/2018	<2								<2	<2		<2	<2	<2												
Carbon Tetrachloride	56-23-5	ug/L	4/25/2018						<2																				
Carbon Tetrachloride	56-23-5	ug/L	4/30/2018			<2	<2	<2										<2											
Carbon Tetrachloride	56-23-5	ug/L	5/1/2018								<2										<2	<2							
Carbon Tetrachloride	56-23-5	ug/L	5/2/2018																				<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	10/16/2018	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	4/16/2019	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	10/1/2019	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	6/24/2020		<2																								
Carbon Tetrachloride	56-23-5	ug/L	10/7/2020	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	1/21/2021		<1																								
Carbon Tetrachloride	56-23-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Carbon Tetrachloride	56-23-5	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	0.4J	<1	<1
Carbon Tetrachloride	56-23-5	ug/L	5/2/2022		<1			0.4J	0.6J	<1	<1	<1	<1								<1	<1	<1	<1	0.5J; 0.4J	<1	<1	<1	<1
Carbon Tetrachloride	56-23-5	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	56-23-5	ug/L	5/1/2023	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/16/2023		<2			<2	<2			<2	<2								<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/29/2024		<2			<2	<2	<2	<2	<2	<2								<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon disulfide	75-15-0	ug/L	10/9/2024		<1.00								<1.00														<1.00		
Carbon disulfide	75-15-0	ug/L	10/10/2024						<1.00			<1.00													<1.00		<1.00		
Carbon disulfide	75-15-0	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
Carbon disulfide	75-15-0	ug/L	10/15/2024																				<1.00		<1.00				
Carbon disulfide	75-15-0	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Carbon disulfide	75-15-0	ug/L	4/24/2025													<1.00													
Carbon disulfide	75-15-0	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
Carbon disulfide	75-15-0	ug/L	5/5/2025						<1.00																			<1.00	
Carbon disulfide	75-15-0	ug/L	5/6/2025										<1.00		<1.00														
Carbon disulfide	75-15-0	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
Carbon disulfide	75-15-0	ug/L	5/8/2025			<1.00		<1.00																					<1.00
Carbon disulfide	75-15-0	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
Carbon disulfide	75-15-0	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
Carbon disulfide	75-15-0	ug/L	10/22/2025		<1.00							<1.00	<1.00																
Carbon disulfide	75-15-0	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
Carbon disulfide	75-15-0	ug/L	10/24/2025																										<1.00
Carbon disulfide	75-15-0	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
Carbon disulfide	75-15-0	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
Carbon disulfide	75-15-0	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
Carbon disulfide	75-15-0	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
Carbon tetrachloride	56-23-5	ug/L	10/9/2024		<2.00							<2.00															<2.00		
Carbon tetrachloride	56-23-5	ug/L	10/10/2024						<2.00			<2.00														<2.00		<2.00	
Carbon tetrachloride	56-23-5	ug/L	10/14/2024																		<2.00	<2.00		<2.00					<2.00
Carbon tetrachloride	56-23-5	ug/L	10/15/2024																				<2.00		<2.00				
Carbon tetrachloride	56-23-5	ug/L	4/23/2025	<2.00										<2.00					<2.00										
Carbon tetrachloride	56-23-5	ug/L	4/24/2025													<2.00													
Carbon tetrachloride	56-23-5	ug/L	4/30/2025		<2.00							<2.00														<2.00	<2.00		
Carbon tetrachloride	56-23-5	ug/L	5/5/2025						<2.00																			<2.00	
Carbon tetrachloride	56-23-5	ug/L	5/6/2025										<2.00		<2.00														
Carbon tetrachloride	56-23-5	ug/L	5/7/2025				<2.00													<2.00	<2.00	<2.00	<2.00						
Carbon tetrachloride	56-23-5	ug/L	5/8/2025			<2.00		<2.00																<2.00	<2.00				<2.00
Carbon tetrachloride	56-23-5	ug/L	5/9/2025							<2.00	<2.00													<2.00	<2.00				
Carbon tetrachloride	56-23-5	ug/L	10/21/2025						<2.00																	<2.00	<2.00	<2.00	
Carbon tetrachloride	56-23-5	ug/L	10/22/2025		<2.00							<2.00	<2.00																
Carbon tetrachloride	56-23-5	ug/L	10/23/2025					<2.00													<2.00	<2.00	<2.00	<2.00	<2.00				
Carbon tetrachloride	56-23-5	ug/L	10/24/2025																										<2.00
Carbon tetrachloride	56-23-5	ug/L	5/4/2026									<2.00					<2.00									<2.00	<2.00		
Carbon tetrachloride	56-23-5	ug/L	5/5/2026		<2.00				<2.00				<2.00															<2.00	
Carbon tetrachloride	56-23-5	ug/L	5/6/2026							<2.00	<2.00							<2.00			<2.00								
Carbon tetrachloride	56-23-5	ug/L	5/8/2026					<2.00														<2.00	<2.00	<2.00	<2.00				<2.00
Carbonate	CARB	mg/L	6/2/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Carbonate	CARB	mg/L	10/15/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			
Chlordane	57-74-9	ug/L	4/14/2009	<2		<2	<2	<2	<2	<2																			
Chlordane	57-74-9	ug/L	10/25/2009							<2																			
Chlordane	57-74-9	ug/L	5/10/2010	<2		<2	<2	<2	<2	<2			<2	<2	<2	<2			<2	<2									
Chlordane	57-74-9	ug/L	4/4/2011									<2					<2	<2											
Chlordane	57-74-9	ug/L	10/11/2012								<2																		
Chlordane	57-74-9	ug/L	3/30/2013																							<2	<2		
Chlordane	57-74-9	ug/L	7/10/2013																		<2.04	<2.02	<2.02	<2.17	<2.17				
Chlordane	57-74-9	ug/L	10/5/2015	<2.04		<2.11	<2	<2.04	<2.02				<2.08	<2.02	<2	<2.06			<2.17	<2.02									
Chlordane	57-74-9	ug/L	4/4/2016									<2					<2	<2											
Chlordane	57-74-9	ug/L	5/1/2018																		<2.08	<2.02							
Chlordane	57-74-9	ug/L	5/2/2018																				<2.11	<2.11	<2.08				
Chlordane	57-74-9	ug/L	3/30/2020	<2.08		<2.11	<2.08	<2.15	<2.11				<2.11	<2.08	<2.08	<2.08			<2.06	<2.06									
Chlordane	57-74-9	ug/L	6/24/2020		<2.11																								
Chlordane	57-74-9	ug/L	10/20/2021		<0.1							<0.1					<0.1	<0.1											
Chlordane	57-74-9	ug/L	5/1/2023																		<2	<2.33	<2.22	<2	<2				
Chlordane (technical)	12789-03-6	ug/L	4/23/2025	<1.82										<1.79					<1.81										
Chlordane (technical)	12789-03-6	ug/L	4/24/2025													<1.84													
Chlordane (technical)	12789-03-6	ug/L	5/5/2025						<1.79																				
Chlordane (technical)	12789-03-6	ug/L	5/6/2025										<1.81		<1.80														
Chlordane (technical)	12789-03-6	ug/L	5/7/2025				<1.81													<1.81									
Chlordane (technical)	12789-03-6	ug/L	5/8/2025			<1.76		<1.81																					
Chlordane (technical)	12789-03-6	ug/L	5/4/2026														<4.88												
Chlordane (technical)	12789-03-6	ug/L	5/6/2026															<4.94											
Chloride	16887-00-6	mg/L	6/2/2014	6.74		3.51J	3.67J	14.5	2.28J	2.29J	10.6	29.6	16.5	6.6	7.28	109	241	8.29	4.09J	15.4	28.4	2.67J	3.54J	<5	3.33J				
Chloride	16887-00-6	mg/L	10/15/2014	6.61		3.84J	4.15J	15.1	2.02J	1.66J	11.8	26	10.9	5.08	7.82	88.1	50	7.64	3.62J	10.7	27.6	3.33J	3.94J	1.81J	3.32J	15.7			
Chlorobenzene	108-90-7	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
Chlorobenzene	108-90-7	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
Chlorobenzene	108-90-7	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
Chlorobenzene	108-90-7	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
Chlorobenzene	108-90-7	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
Chlorobenzene	108-90-7	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
Chlorobenzene	108-90-7	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1									
Chlorobenzene	108-90-7	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
Chlorobenzene	108-90-7	ug/L	10/25/2009	<2		<1	<2	<2	<1	<1			<2	<2	<2	<1			<1	<1									
Chlorobenzene	108-90-7	ug/L	1/2/2010										<1	<1	<1	<1			<1	<1									
Chlorobenzene	108-90-7	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
Chlorobenzene	108-90-7	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
Chlorobenzene	108-90-7	ug/L	7/8/2010									<1					<1	<1											
Chlorobenzene	108-90-7	ug/L	9/13/2010									<1					<1	<1											
Chlorobenzene	108-90-7	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
Chlorobenzene	108-90-7	ug/L	1/10/2011									<1					<1	<1											
Chlorobenzene	108-90-7	ug/L	4/4/2011									<1					<1	<1											
Chlorobenzene	108-90-7	ug/L	8/11/2011																							<1			
Chlorobenzene	108-90-7	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Chlorobenzene	108-90-7	ug/L	12/5/2011				<1													<1						<1			
Chlorobenzene	108-90-7	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Chlorobenzene	108-90-7	ug/L	6/25/2012				<1			<1																<1	<1		
Chlorobenzene	108-90-7	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
Chlorobenzene	108-90-7	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Chlorobenzene	108-90-7	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
Chlorobenzene	108-90-7	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Chlorobenzene	108-90-7	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
Chlorobenzene	108-90-7	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.222J	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	4/20/2018											<1					<1	<1									
Chlorobenzene	108-90-7	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
Chlorobenzene	108-90-7	ug/L	4/25/2018						<1																				
Chlorobenzene	108-90-7	ug/L	4/30/2018			<1	<1	<1										<1											
Chlorobenzene	108-90-7	ug/L	5/1/2018								<1										<1	<1							
Chlorobenzene	108-90-7	ug/L	5/2/2018																				<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	6/24/2020		<1																								
Chlorobenzene	108-90-7	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	1/21/2021		<1																								
Chlorobenzene	108-90-7	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/16/2023		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/9/2024		<1.00								<1.00														<1.00		
Chlorobenzene	108-90-7	ug/L	10/10/2024						<1.00			<1.00													<1.00		<1.00		
Chlorobenzene	108-90-7	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
Chlorobenzene	108-90-7	ug/L	10/15/2024																				<1.00		<1.00				
Chlorobenzene	108-90-7	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Chlorobenzene	108-90-7	ug/L	4/24/2025													<1.00													
Chlorobenzene	108-90-7	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
Chlorobenzene	108-90-7	ug/L	5/5/2025						<1.00																			<1.00	
Chlorobenzene	108-90-7	ug/L	5/6/2025										<1.00		<1.00														
Chlorobenzene	108-90-7	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
Chlorobenzene	108-90-7	ug/L	5/8/2025			<1.00		<1.00																					<1.00
Chlorobenzene	108-90-7	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
Chlorobenzene	108-90-7	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
Chlorobenzene	108-90-7	ug/L	10/22/2025		<1.00							<1.00	<1.00																
Chlorobenzene	108-90-7	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
Chlorobenzene	108-90-7	ug/L	10/24/2025																										<1.00
Chlorobenzene	108-90-7	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
Chlorobenzene	108-90-7	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
Chlorobenzene	108-90-7	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
Chlorobenzene	108-90-7	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
Chlorobenzilate	510-15-6	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Chlorobenzilate	510-15-6	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Chlorobenzilate	510-15-6	ug/L	4/4/2011									<10					<10	<10											
Chlorobenzilate	510-15-6	ug/L	3/30/2013																							<10	<10		
Chlorobenzilate	510-15-6	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Chlorobenzilate	510-15-6	ug/L	6/2/2014																					<10.1					
Chlorobenzilate	510-15-6	ug/L	10/15/2014																					<10					
Chlorobenzilate	510-15-6	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Chlorobenzilate	510-15-6	ug/L	4/4/2016									<10					<10	<10											
Chlorobenzilate	510-15-6	ug/L	5/1/2018																		<10.4	<10.3							
Chlorobenzilate	510-15-6	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Chlorobenzilate	510-15-6	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Chlorobenzilate	510-15-6	ug/L	6/24/2020		<10.4																								
Chlorobenzilate	510-15-6	ug/L	10/20/2021		<8							<8					<8	<8											
Chlorobenzilate	510-15-6	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Chlorobenzilate	510-15-6	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Chlorobenzilate	510-15-6	ug/L	4/24/2025													<10.4													
Chlorobenzilate	510-15-6	ug/L	5/5/2025						<10.2																				
Chlorobenzilate	510-15-6	ug/L	5/6/2025										<10.4		<10.6														
Chlorobenzilate	510-15-6	ug/L	5/7/2025				<10.2													<10.6									
Chlorobenzilate	510-15-6	ug/L	5/8/2025			<9.80		<10.6																					
Chlorobenzilate	510-15-6	ug/L	5/4/2026														<10.9												
Chlorobenzilate	510-15-6	ug/L	5/6/2026															<10.4											
Chlorodibromomethane	124-48-1	ug/L	2/27/2008	<5		<5	<5	<5	<5	<5																			
Chlorodibromomethane	124-48-1	ug/L	5/12/2008	<5		<5	<5	<5	<5	<5																			
Chlorodibromomethane	124-48-1	ug/L	7/13/2008	<5		<5	<5	<5	<5	<5																			
Chlorodibromomethane	124-48-1	ug/L	9/14/2008	<5		<5	<5	<5	<5	<5																			
Chlorodibromomethane	124-48-1	ug/L	11/17/2008	<5		<5	<5	<5	<5	<5																			
Chlorodibromomethane	124-48-1	ug/L	4/14/2009	<5		<5	<5	<5	<5	<5																			
Chlorodibromomethane	124-48-1	ug/L	7/7/2009										<5	<5	<5	<5			<5	<5									
Chlorodibromomethane	124-48-1	ug/L	9/2/2009										<5	<5	<5	<5			<5	<5									
Chlorodibromomethane	124-48-1	ug/L	10/25/2009	<5		<10	<5	<5	<5	<10			<5	<5	<5	<5			<5	<5									
Chlorodibromomethane	124-48-1	ug/L	1/2/2010										<10	<50	<10	<50			<10	<10									
Chlorodibromomethane	124-48-1	ug/L	3/3/2010									<5	<5	<5	<5	<5	<5	<5	<5	<5									
Chlorodibromomethane	124-48-1	ug/L	5/10/2010	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5									
Chlorodibromomethane	124-48-1	ug/L	7/8/2010									<5					<5	<5											
Chlorodibromomethane	124-48-1	ug/L	9/13/2010									<5					<5	<5											
Chlorodibromomethane	124-48-1	ug/L	11/1/2010	<5		<5		<5	<5	<5			<5	<5	<5	<5													
Chlorodibromomethane	124-48-1	ug/L	1/10/2011									<5					<5	<5											
Chlorodibromomethane	124-48-1	ug/L	4/4/2011									<5					<5	<5											
Chlorodibromomethane	124-48-1	ug/L	8/11/2011																							<5			
Chlorodibromomethane	124-48-1	ug/L	10/13/2011	<5		<5		<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5							<5			
Chlorodibromomethane	124-48-1	ug/L	12/5/2011				<5													<5						<5			
Chlorodibromomethane	124-48-1	ug/L	4/11/2012	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5						<5	<5		
Chlorodibromomethane	124-48-1	ug/L	6/25/2012					<5		<5																<5	<5		
Chlorodibromomethane	124-48-1	ug/L	8/1/2012							<5	<5										<5	<5	<5	<5	<5	<5	<5		
Chlorodibromomethane	124-48-1	ug/L	10/11/2012	<5		<5	<5	<5	<5		<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Chlorodibromomethane	124-48-1	ug/L	12/13/2012								<5										<5	<5	<5	<5	<5		<5		
Chlorodibromomethane	124-48-1	ug/L	2/4/2013								<5										<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	3/30/2013	<5		<5	<5	<5	<5		<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Chlorodibromomethane	124-48-1	ug/L	7/10/2013																		<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	10/7/2013	<5		<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5		<5		
Chlorodibromomethane	124-48-1	ug/L	6/2/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	10/15/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	4/6/2015	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	10/5/2015	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	4/4/2016	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	10/17/2016	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	4/17/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	10/11/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	4/20/2018											<5					<5	<5									
Chlorodibromomethane	124-48-1	ug/L	4/23/2018	<5								<5	<5		<5	<5	<5												
Chlorodibromomethane	124-48-1	ug/L	4/25/2018						<5																				
Chlorodibromomethane	124-48-1	ug/L	4/30/2018			<5	<5	<5										<5											
Chlorodibromomethane	124-48-1	ug/L	5/1/2018								<5										<5	<5							
Chlorodibromomethane	124-48-1	ug/L	5/2/2018																				<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	10/16/2018	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	4/16/2019	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	3/30/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	6/24/2020		<5																								
Chlorodibromomethane	124-48-1	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorodibromomethane	124-48-1	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorodibromomethane	124-48-1	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorodibromomethane	124-48-1	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chlorodibromomethane	124-48-1	ug/L	5/1/2023	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Chlorodibromomethane	124-48-1	ug/L	10/16/2023		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/29/2024		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/9/2024		<5.00								<5.00														<5.00		
Chlorodibromomethane	124-48-1	ug/L	10/10/2024						<5.00			<5.00														<5.00		<5.00	
Chlorodibromomethane	124-48-1	ug/L	10/14/2024																		<5.00	<5.00		<5.00					<5.00
Chlorodibromomethane	124-48-1	ug/L	10/15/2024																				<5.00		<5.00				
Chlorodibromomethane	124-48-1	ug/L	4/23/2025	<5.00										<5.00					<5.00										
Chlorodibromomethane	124-48-1	ug/L	4/24/2025													<5.00													
Chlorodibromomethane	124-48-1	ug/L	4/30/2025		<5.00							<5.00														<5.00	<5.00		
Chlorodibromomethane	124-48-1	ug/L	5/5/2025						<5.00																			<5.00	
Chlorodibromomethane	124-48-1	ug/L	5/6/2025										<5.00		<5.00														
Chlorodibromomethane	124-48-1	ug/L	5/7/2025				<5.00													<5.00	<5.00	<5.00	<5.00						
Chlorodibromomethane	124-48-1	ug/L	5/8/2025			<5.00		<5.00																					<5.00
Chlorodibromomethane	124-48-1	ug/L	5/9/2025							<5.00	<5.00													<5.00	<5.00				
Chlorodibromomethane	124-48-1	ug/L	10/21/2025						<5.00																	<5.00	<5.00	<5.00	
Chlorodibromomethane	124-48-1	ug/L	10/22/2025		<5.00							<5.00	<5.00																
Chlorodibromomethane	124-48-1	ug/L	10/23/2025					<5.00													<5.00	<5.00	<5.00	<5.00	<5.00				
Chlorodibromomethane	124-48-1	ug/L	10/24/2025																										<5.00
Chlorodibromomethane	124-48-1	ug/L	5/4/2026									<5.00					<5.00									<5.00	<5.00		
Chlorodibromomethane	124-48-1	ug/L	5/5/2026		<5.00				<5.00				<5.00															<5.00	
Chlorodibromomethane	124-48-1	ug/L	5/6/2026							<5.00	<5.00							<5.00			<5.00								
Chlorodibromomethane	124-48-1	ug/L	5/8/2026					<5.00														<5.00	<5.00	<5.00	<5.00				<5.00
Chloroethane	75-00-3	ug/L	2/27/2008	<4		<4	<4	<4	<4	<4																			
Chloroethane	75-00-3	ug/L	5/12/2008	<4		<4	<4	<4	<4	<4																			
Chloroethane	75-00-3	ug/L	7/13/2008	<4		<4	<4	<4	<4	<4																			
Chloroethane	75-00-3	ug/L	9/14/2008	<4		<4	<4	<4	<4	<4																			
Chloroethane	75-00-3	ug/L	11/17/2008	<4		<4	<4	<4	<4	<4																			
Chloroethane	75-00-3	ug/L	4/14/2009	<4		<4	<4	<4	<4	<4																			
Chloroethane	75-00-3	ug/L	7/7/2009							<4			<4	<4	<4	6.66			<4	<4									
Chloroethane	75-00-3	ug/L	9/2/2009							<4			<4	<4	<4	<4			<4	<4									
Chloroethane	75-00-3	ug/L	10/25/2009	<4		<4	<4	<4	<4	<4			<4	<4	<4	<4			<4	<4									
Chloroethane	75-00-3	ug/L	1/2/2010							<4			<4	<4	<4	<4			<4	<4									
Chloroethane	75-00-3	ug/L	3/3/2010									<4	<4	<4	<4	<4	<4	<4	<4	<4									
Chloroethane	75-00-3	ug/L	5/10/2010	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4									
Chloroethane	75-00-3	ug/L	7/8/2010							<4		<4					<4	<4											
Chloroethane	75-00-3	ug/L	9/13/2010							<4		<4					<4	<4											
Chloroethane	75-00-3	ug/L	1/1/1/2010	<4		<4		<4	<4	<4			<4	<4	<4	<4													
Chloroethane	75-00-3	ug/L	1/10/2011							<4		<4					<4	<4											
Chloroethane	75-00-3	ug/L	4/4/2011							<4		<4					<4	<4											
Chloroethane	75-00-3	ug/L	8/11/2011																							<4			
Chloroethane	75-00-3	ug/L	10/13/2011	<4		<4		<4	<4	<4		<4	<4	<4	<4	5.08	<4	<4	<4							<4			
Chloroethane	75-00-3	ug/L	12/5/2011				<4													<4						<4			
Chloroethane	75-00-3	ug/L	4/11/2012	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4						<4	<4		
Chloroethane	75-00-3	ug/L	6/25/2012				<4			<4																<4	<4		
Chloroethane	75-00-3	ug/L	8/1/2012							<4	<4										<4	<4	<4	<4	<4	<4	<4		
Chloroethane	75-00-3	ug/L	10/11/2012	<4		<4	<4	<4	<4		<4	<4		<4	<4	4.92	8.25	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4		
Chloroethane	75-00-3	ug/L	12/13/2012								<4										<4	<4	<4	<4	<4		<4		
Chloroethane	75-00-3	ug/L	2/4/2013								<4										<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	3/30/2013	<4		<4	<4	<4	<4		<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4		
Chloroethane	75-00-3	ug/L	7/10/2013																		<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	10/7/2013	<4		<4			<4	<4	<4	<4	<4	<4	<4	<4	8.54	<4	<4		<4	<4	<4	<4	<4		<4		
Chloroethane	75-00-3	ug/L	6/2/2014	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	1.28J	2.89J	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	10/15/2014	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	1.1J	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	4/6/2015	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	2.06J	3.53J	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	10/5/2015	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	2.2J	3.75J	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	4/4/2016	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	0.343J	0.749J	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	10/17/2016	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	3.75J	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	4/17/2017	0.691J		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	10/11/2017	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	1.88J	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	4/20/2018											<4					<4	<4									
Chloroethane	75-00-3	ug/L	4/23/2018	<4								<4	<4		<4	<4	<4												
Chloroethane	75-00-3	ug/L	4/25/2018						<4																				
Chloroethane	75-00-3	ug/L	4/30/2018			<4	<4	<4										<4											
Chloroethane	75-00-3	ug/L	5/1/2018								<4										<4	<4							
Chloroethane	75-00-3	ug/L	5/2/2018																				<4	<4	<4				
Chloroethane	75-00-3	ug/L	10/16/2018	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	4/16/2019	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	10/1/2019	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	3/30/2020	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	6/24/2020		<4																								
Chloroethane	75-00-3	ug/L	10/7/2020	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	1.61J	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	1/21/2021		<1																								
Chloroethane	75-00-3	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroethane	75-00-3	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	75-00-3	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	75-00-3	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroethane	75-00-3	ug/L	5/1/2023	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/16/2023		<4			<4	<4			<4	<4								<4	<4	<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/29/2024		<4			<4	<4	<4	<4	<4	<4								<4	<4	<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/9/2024		<4.00								<4.00														<4.00		
Chloroethane	75-00-3	ug/L	10/10/2024						<4.00			<4.00														<4.00		<4.00	
Chloroethane	75-00-3	ug/L	10/14/2024																		<4.00	<4.00		<4.00					<4.00
Chloroethane	75-00-3	ug/L	10/15/2024																				<4.00		<4.00				
Chloroethane	75-00-3	ug/L	4/23/2025	<4.00										<4.00					<4.00										
Chloroethane	75-00-3	ug/L	4/24/2025													<4.00													
Chloroethane	75-00-3	ug/L	4/30/2025		<4.00							<4.00														<4.00	<4.00		
Chloroethane	75-00-3	ug/L	5/5/2025						<4.00																			<4.00	
Chloroethane	75-00-3	ug/L	5/6/2025										<4.00		<4.00														
Chloroethane	75-00-3	ug/L	5/7/2025				<4.00													<4.00	<4.00	<4.00	<4.00						
Chloroethane	75-00-3	ug/L	5/8/2025			<4.00		<4.00																					<4.00
Chloroethane	75-00-3	ug/L	5/9/2025							<4.00	<4.00													<4.00	<4.00				
Chloroethane	75-00-3	ug/L	10/21/2025						<4.00																	<4.00	<4.00	<4.00	
Chloroethane	75-00-3	ug/L	10/22/2025		<4.00							<4.00	<4.00																
Chloroethane	75-00-3	ug/L	10/23/2025					<4.00													<4.00	<4.00	<4.00	<4.00	<4.00				
Chloroethane	75-00-3	ug/L	10/24/2025																										<4.00
Chloroethane	75-00-3	ug/L	5/4/2026									<4.00					<4.00									<4.00	<4.00		
Chloroethane	75-00-3	ug/L	5/5/2026		<4.00				<4.00				<4.00															<4.00	
Chloroethane	75-00-3	ug/L	5/6/2026							<4.00	<4.00							<4.00			<4.00								
Chloroethane	75-00-3	ug/L	5/8/2026					<4.00														<4.00	<4.00	<4.00	<4.00				<4.00
Chloroform	67-66-3	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
Chloroform	67-66-3	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
Chloroform	67-66-3	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
Chloroform	67-66-3	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
Chloroform	67-66-3	ug/L	11/17/2008	<1		<2.5	<1	<1	<2.5	<1																			
Chloroform	67-66-3	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
Chloroform	67-66-3	ug/L	7/7/2009							<1			<1	<1	<1	<1			<1	<1									
Chloroform	67-66-3	ug/L	9/2/2009							<1			<1	<1	<1	<1			<1	<1									
Chloroform	67-66-3	ug/L	10/25/2009	<2		<1	<2	<2	<1	<1			<2	<2	<2	<1			<1	<1									
Chloroform	67-66-3	ug/L	1/2/2010							<1			<1	<1	<1	<1			<1	<1									
Chloroform	67-66-3	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
Chloroform	67-66-3	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
Chloroform	67-66-3	ug/L	7/8/2010									<1					<1	<1											
Chloroform	67-66-3	ug/L	9/13/2010									<1					<1	<1											
Chloroform	67-66-3	ug/L	1/1/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
Chloroform	67-66-3	ug/L	1/10/2011									<1					<1	<1											
Chloroform	67-66-3	ug/L	4/4/2011									<1					<1	<1											
Chloroform	67-66-3	ug/L	8/11/2011																							<1			
Chloroform	67-66-3	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Chloroform	67-66-3	ug/L	12/5/2011				<1													<1						<1			
Chloroform	67-66-3	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Chloroform	67-66-3	ug/L	6/25/2012					<1		<1																<1	<1		
Chloroform	67-66-3	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
Chloroform	67-66-3	ug/L	10/11/2012	<2		<1	<1	<1	<1		<1	<2		<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Chloroform	67-66-3	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
Chloroform	67-66-3	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Chloroform	67-66-3	ug/L	7/10/2013																		<1	<1	<1	<1	<1				

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Chloroform	67-66-3	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
Chloroform	67-66-3	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	4/8/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	4/17/2017	0.687J		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	4/20/2018											<1					<1	<1									
Chloroform	67-66-3	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
Chloroform	67-66-3	ug/L	4/25/2018						<1																				
Chloroform	67-66-3	ug/L	4/30/2018			<1	<1	<1										<1											
Chloroform	67-66-3	ug/L	5/1/2018								<1										<1	<1							
Chloroform	67-66-3	ug/L	5/2/2018																				<1	<1	<1				
Chloroform	67-66-3	ug/L	10/16/2018	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloroform	67-66-3	ug/L	4/16/2019	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloroform	67-66-3	ug/L	10/1/2019	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloroform	67-66-3	ug/L	3/30/2020	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloroform	67-66-3	ug/L	6/24/2020		<3																								
Chloroform	67-66-3	ug/L	10/7/2020	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloroform	67-66-3	ug/L	1/21/2021		<1																								
Chloroform	67-66-3	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	5/1/2023	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	10/16/2023		<3			<3	<3			<3	<3								<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	4/29/2024		<3			<3	<3	<3	<3	<3	<3					<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	10/9/2024		<3.00								<3.00														<3.00		
Chloroform	67-66-3	ug/L	10/10/2024						<3.00			<3.00														<3.00		<3.00	
Chloroform	67-66-3	ug/L	10/14/2024																		<3.00	<3.00		<3.00					<3.00
Chloroform	67-66-3	ug/L	10/15/2024																				<3.00		<3.00				
Chloroform	67-66-3	ug/L	4/23/2025	<3.00										<3.00					<3.00										
Chloroform	67-66-3	ug/L	4/24/2025													<3.00													
Chloroform	67-66-3	ug/L	4/30/2025		<3.00							<3.00														<3.00	<3.00		
Chloroform	67-66-3	ug/L	5/5/2025						<3.00																			<3.00	
Chloroform	67-66-3	ug/L	5/6/2025										<3.00		<3.00														
Chloroform	67-66-3	ug/L	5/7/2025				<3.00													<3.00	<3.00	<3.00	<3.00						
Chloroform	67-66-3	ug/L	5/8/2025			<3.00		<3.00																					<3.00
Chloroform	67-66-3	ug/L	5/9/2025							<3.00	<3.00													<3.00	<3.00				
Chloroform	67-66-3	ug/L	10/21/2025						<3.00																	<3.00	<3.00	<3.00	
Chloroform	67-66-3	ug/L	10/22/2025		<3.00							<3.00	<3.00																
Chloroform	67-66-3	ug/L	10/23/2025					<3.00													<3.00	<3.00	<3.00	<3.00	<3.00				
Chloroform	67-66-3	ug/L	10/24/2025																										<3.00
Chloroform	67-66-3	ug/L	5/4/2026									<3.00					<3.00									<3.00	<3.00		
Chloroform	67-66-3	ug/L	5/5/2026		<3.00				<3.00				<3.00															<3.00	
Chloroform	67-66-3	ug/L	5/6/2026							<3.00	<3.00							<3.00			<3.00								
Chloroform	67-66-3	ug/L	5/8/2026					<3.00														<3.00	<3.00	<3.00	<3.00				<3.00
Chloromethane	74-87-3	ug/L	2/27/2008	<3		<3	<3	<3	<3	<3																			
Chloromethane	74-87-3	ug/L	5/12/2008	<3		<3	<3	<3	<3	<3																			
Chloromethane	74-87-3	ug/L	7/13/2008	<3		<3	<3	<3	<3	<3																			
Chloromethane	74-87-3	ug/L	9/14/2008	<3		<3	<3	<3	<3	<3																			
Chloromethane	74-87-3	ug/L	11/17/2008	<3		<3	<3	<3	<3	<3																			
Chloromethane	74-87-3	ug/L	4/14/2009	<3		<3	<3	<3	<3	<3																			
Chloromethane	74-87-3	ug/L	7/7/2009										<3	<3	<3	<3			<3	<3									
Chloromethane	74-87-3	ug/L	9/2/2009										<3	<3	<3	<3			<3	<3									
Chloromethane	74-87-3	ug/L	10/25/2009	<3		<3	<3	<3	<3	<3			<3	<3	<3	<3			<3	<3									
Chloromethane	74-87-3	ug/L	1/2/2010										<3	<3	<3	<3			<3	<3									
Chloromethane	74-87-3	ug/L	3/3/2010									<3	<3	<3	<3	<3	<3	<3	<3	<3									
Chloromethane	74-87-3	ug/L	5/10/2010	<3		<3	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3									
Chloromethane	74-87-3	ug/L	7/8/2010									<3					<3	<3											
Chloromethane	74-87-3	ug/L	9/13/2010									<3					<3	<3											
Chloromethane	74-87-3	ug/L	11/1/2010	<3		<3		<3	<3	<3			<3	<3	<3	<3													
Chloromethane	74-87-3	ug/L	1/10/2011									<3					<3	<3											
Chloromethane	74-87-3	ug/L	4/4/2011									<3					<3	<3											
Chloromethane	74-87-3	ug/L	8/11/2011																							<3			
Chloromethane	74-87-3	ug/L	10/13/2011	<3		<3		<3	<3	<3		<3	<3	<3	<3	<3	<3	<3	3.16							<3			
Chloromethane	74-87-3	ug/L	12/5/2011				<3					<3								<3						<3			
Chloromethane	74-87-3	ug/L	4/11/2012	<3		<3	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3						<3	<3		
Chloromethane	74-87-3	ug/L	6/25/2012				<3			<3																<3	<3		
Chloromethane	74-87-3	ug/L	8/1/2012							<3	<3										<3	<3	<3	<3	<3	<3	<3		
Chloromethane	74-87-3	ug/L	10/11/2012	<3		<3	<3	<3	<3		<3	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3		
Chloromethane	74-87-3	ug/L	12/13/2012								<3										<3	<3	<3	<3	<3	<3	<3		
Chloromethane	74-87-3	ug/L	2/4/2013								<3										<3	<3	<3	<3	<3	<3			
Chloromethane	74-87-3	ug/L	3/30/2013	<3		<3	<3	<3	<3		<3	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3		
Chloromethane	74-87-3	ug/L	7/10/2013																		<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	10/7/2013	<3		<3			<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	<3	<3	<3	<3		<3		
Chloromethane	74-87-3	ug/L	6/2/2014	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	10/15/2014	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	4/6/2015	<3		<3	<3	<3	<3	0.635J	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	10/5/2015	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	4/4/2016	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	10/17/2016	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	4/17/2017	0.39J		<3	<3	<3	<3	0.366J	0.407J	0.425J	<3	0.421J	0.514J	0.591J	0.532J	<3	<3	<3	0.321J	<3	<3	0.349J	<3				
Chloromethane	74-87-3	ug/L	10/11/2017	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	4/20/2018											<3					<3	<3									
Chloromethane	74-87-3	ug/L	4/23/2018	<3								<3	<3		<3	<3	<3												
Chloromethane	74-87-3	ug/L	4/25/2018						<3																				
Chloromethane	74-87-3	ug/L	4/30/2018			<3	<3	<3										<3											
Chloromethane	74-87-3	ug/L	5/1/2018								<3										<3	<3							
Chloromethane	74-87-3	ug/L	5/2/2018																				<3	<3	<3				
Chloromethane	74-87-3	ug/L	10/16/2018	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	4/16/2019	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	10/1/2019	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	3/30/2020	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	6/24/2020		<3																								
Chloromethane	74-87-3	ug/L	10/7/2020	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	1/21/2021		<1																								
Chloromethane	74-87-3	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Chloromethane	74-87-3	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	74-87-3	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	74-87-3	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Chloromethane	74-87-3	ug/L	5/1/2023	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/16/2023		<3			<3	<3			<3	<3								<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/29/2024		<3			<3	<3	<3	<3	<3	<3					<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/9/2024		<3.00								<3.00														<3.00		
Chloromethane	74-87-3	ug/L	10/10/2024						<3.00			<3.00														<3.00		<3.00	
Chloromethane	74-87-3	ug/L	10/14/2024																		<3.00	<3.00		<3.00					<3.00
Chloromethane	74-87-3	ug/L	10/15/2024																				<3.00		<3.00				
Chloromethane	74-87-3	ug/L	4/23/2025	<3.00										<3.00					<3.00										
Chloromethane	74-87-3	ug/L	4/24/2025													<3.00													
Chloromethane	74-87-3	ug/L	4/30/2025		<3.00							<3.00														<3.00	<3.00		
Chloromethane	74-87-3	ug/L	5/5/2025						<3.00																			<3.00	
Chloromethane	74-87-3	ug/L	5/6/2025										<3.00		<3.00														
Chloromethane	74-87-3	ug/L	5/7/2025				<3.00													<3.00	<3.00	<3.00	<3.00						
Chloromethane	74-87-3	ug/L	5/8/2025			<3.00		<3.00																					<3.00
Chloromethane	74-87-3	ug/L	5/9/2025							<3.00	<3.00													<3.00	<3.00				
Chloromethane	74-87-3	ug/L	10/21/2025						<3.00																	<3.00	<3.00	<3.00	
Chloromethane	74-87-3	ug/L	10/22/2025		<3.00							<3.00	<3.00																
Chloromethane	74-87-3	ug/L	10/23/2025					<3.00													<3.00	<3.00	<3.00	<3.00	<3.00				
Chloromethane	74-87-3	ug/L	10/24/2025																										<3.00
Chloromethane	74-87-3	ug/L	5/4/2026									<3.00					<3.00									<3.00	<3.00		
Chloromethane	74-87-3	ug/L	5/5/2026		<3.00				<3.00				<3.00															<3.00	
Chloromethane	74-87-3	ug/L	5/6/2026							<3.00	<3.00							<3.00			<3.00								
Chloromethane	74-87-3	ug/L	5/8/2026					<3.00														<3.00	<3.00	<3.00	<3.00				<3.00
Chloroprene	126-99-8	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Chloroprene	126-99-8	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
Chloroprene	126-99-8	ug/L	4/4/2011									<1					<1	<1											
Chloroprene	126-99-8	ug/L	10/11/2012								<1																		
Chloroprene	126-99-8	ug/L	3/30/2013																							<1	<1		
Chloroprene	126-99-8	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
Chloroprene	126-99-8	ug/L	10/5/2015	<1		<1	<1	<1	<1				<1	<1	<1	<1			<1	<1									
Chloroprene	126-99-8	ug/L	4/4/2016									<1					<1	<1											
Chloroprene	126-99-8	ug/L	5/1/2018																		<1	<1							
Chloroprene	126-99-8	ug/L	5/2/2018																				<1	<1	<1				
Chloroprene	126-99-8	ug/L	3/30/2020	<1		<1	<1	<1	<1				<1	<1	<1	<1			<1	<1									
Chloroprene	126-99-8	ug/L	6/24/2020		<1																								
Chloroprene	126-99-8	ug/L	10/20/2021		<1							<1					<1	<1											
Chloroprene	126-99-8	ug/L	5/1/2023																		<1	<1	<1	<1	<1				
Chloroprene	126-99-8	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Chloroprene	126-99-8	ug/L	4/24/2025													<1.00													
Chloroprene	126-99-8	ug/L	5/5/2025						<1.00																				
Chloroprene	126-99-8	ug/L	5/6/2025										<1.00		<1.00														
Chloroprene	126-99-8	ug/L	5/7/2025				<1.00													<1.00									
Chloroprene	126-99-8	ug/L	5/8/2025			<1.00		<1.00																					
Chloroprene	126-99-8	ug/L	5/4/2026														<1.00												
Chloroprene	126-99-8	ug/L	5/6/2026															<1.00											
Chromium	7440-47-3	mg/L	2/27/2008	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Chromium	7440-47-3	mg/L	5/12/2008	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Chromium	7440-47-3	mg/L	7/13/2008	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Chromium	7440-47-3	mg/L	9/14/2008	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Chromium	7440-47-3	mg/L	11/17/2008	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02																			
Chromium	7440-47-3	mg/L	4/14/2009	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Chromium	7440-47-3	mg/L	7/7/2009										<0.1	<0.1	<0.1	<0.1			<0.1	<0.1									
Chromium	7440-47-3	mg/L	9/2/2009										<0.1	<0.1	<0.1	<0.1			<0.1	<0.1									
Chromium	7440-47-3	mg/L	10/25/2009	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1			0.113	<0.1	<0.1	<0.1			<0.1	<0.1									
Chromium	7440-47-3	mg/L	1/2/2010										0.405	<0.1	<0.1	<0.1			<0.1	<0.1									
Chromium	7440-47-3	mg/L	3/3/2010									0.9	0.17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1									
Chromium	7440-47-3	mg/L	5/10/2010	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02									
Chromium	7440-47-3	mg/L	7/8/2010									<0.1					<0.1	<0.1											
Chromium	7440-47-3	mg/L	9/13/2010									<0.1					<0.1	<0.1											
Chromium	7440-47-3	mg/L	11/1/2010										<0.1	<0.1	<0.1	<0.1													
Chromium	7440-47-3	mg/L	1/10/2011									<0.02					<0.02	<0.02											
Chromium	7440-47-3	mg/L	4/4/2011									<0.02	<0.1	<0.1	<0.1	<0.1	<0.02	<0.02	<0.1										
Chromium	7440-47-3	mg/L	7/8/2011							<0.1		<0.1					<0.1	<0.1											
Chromium	7440-47-3	mg/L	8/11/2011							<0.1		<0.1					<0.1	<0.1								<0.1			
Chromium	7440-47-3	mg/L	10/13/2011	<0.06		<0.02		<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02							<0.02			
Chromium	7440-47-3	mg/L	12/5/2011				<0.02													<0.02						<0.02			
Chromium	7440-47-3	mg/L	4/11/2012	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02						<0.02	<0.02		
Chromium	7440-47-3	mg/L	6/25/2012				<0.02			<0.02																<0.02	<0.02		
Chromium	7440-47-3	mg/L	8/1/2012							<0.02	<0.02										<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Chromium	7440-47-3	mg/L	10/11/2012	<0.02		<0.02	<0.02	<0.02	<0.02		<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Chromium	7440-47-3	mg/L	12/13/2012								0.0411										0.0367	0.0661	<0.02	<0.02	0.242		<0.02		
Chromium	7440-47-3	mg/L	2/4/2013								0.0477										<0.02	<0.02	<0.02	<0.02	<0.02				
Chromium	7440-47-3	mg/L	3/30/2013	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Chromium	7440-47-3	mg/L	7/10/2013																		<0.02	<0.02	<0.02	<0.02	<0.02				
Chromium	7440-47-3	mg/L	10/7/2013	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0224	<0.02	<0.02	<0.02	<0.02	<0.02		
Chromium	7440-47-3	mg/L	6/2/2014	<0.02		<0.04	<0.02	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	<0.04	<0.02				
Chromium	7440-47-3	mg/L	10/15/2014	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Chromium	7440-47-3	mg/L	4/6/2015	0.00138J		0.002012J; 0.00192J	<0.005	<0.005	<0.005	<0.005	0.00386J	<0.005	<0.005	0.00147J	0.00212J	<0.005	<0.005	<0.005	0.00635	<0.005	<0.005	0.00127J	<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	10/5/2015	<0.005		0.00177J	<0.005	<0.005	<0.005	<0.005	0.00223J	<0.005	<0.005	0.00243J	0.00226J	<0.005	<0.005	<0.005	0.005	<0.005	<0.005	0.00176J; 0.00153J	<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	4/4/2016	0.00169J		0.00239J	<0.005	0.00224J	<0.005	0.000794J	0.00272J	0.000899J	<0.005	0.00207J	0.0021J	<0.005	0.000421J	<0.005	0.00481J	0.000675J	<0.005	0.00143J	0.000528J	<0.005	<0.005				
Chromium	7440-47-3	mg/L	10/17/2016	0.00146J		0.00109J	<0.005	0.000937J	<0.005	<0.005	0.00182J	0.000459J	<0.005	0.00151J	0.00172J	<0.005	<0.005	<0.005	0.000443J	<0.005	<0.005	0.000744J	<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	4/17/2017	0.00162J		0.00169J	<0.005	0.00143J	<0.005	<0.005	0.00339J	<0.005	<0.005	0.00171J	0.00398J	<0.005	<0.005	<0.005	0.00648	<0.005	<0.005	0.00117J	<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	10/11/2017	0.00159J		<0.005	<0.005	0.000839J	<0.005	<0.005	0.00216J	<0.005	<0.005	0.00146J	0.00443J	0.000803J	0.00136J	<0.005	0.00301J	<0.005	<0.005	0.000921J	<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	4/20/2018											0.000855J					0.00287J	<0.005									
Chromium	7440-47-3	mg/L	4/23/2018	<0.005								<0.005	<0.005		0.00403J	<0.005	<0.005												
Chromium	7440-47-3	mg/L	4/25/2018						<0.005		0.00263J																		
Chromium	7440-47-3	mg/L	4/30/2018			0.00227J; 0.0023J	<0.005	0.000983J										<0.005											
Chromium	7440-47-3	mg/L	5/1/2018																		<0.005	0.00122J							
Chromium	7440-47-3	mg/L	5/2/2018																				<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	10/16/2018	0.00286J		0.00214J	<0.005	0.00128J	<0.005	0.00462J	0.00559	0.00466J	0.00127J	0.00273J	0.00487J	0.00124J	0.00163J	<0.005	0.0072	0.00625	<0.005	0.00144J	<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	4/16/2019	0.00188J		0.0017J	<0.005	0.00128J	<0.005	<0.005	0.00263J	<0.005	<0.005	0.00183J	0.00344J; 0.00322J	<0.005	<0.005	<0.005	0.003J	<0.005	<0.005	0.00145J	<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	10/1/2019	0.00169J	<0.005	0.00132J	<0.005	0.000992J	<0.005	<0.005	0.00256J	<0.005	<0.005	0.00182J	0.0028J	<0.005	<0.005	<0.005	0.00312J	0.00197J	<0.005	0.00145J	<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	3/30/2020	0.00184J	<0.005	0.00199J	<0.005	0.00128J	<0.005	<0.005	0.00248J	<0.005	<0.005	0.00127J	0.00134J	<0.005	<0.005	<0.005	0.00324J	0.00161J	<0.005	0.00134J; 0.00126J	<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	6/24/2020		<0.005																								
Chromium	7440-47-3	mg/L	10/7/2020	0.00181J	<0.005	0.0017J; 0.00163J	<0.005	<0.005	<0.005	<0.005	0.00261J	<0.005	<0.005	0.00188J	0.0023J	<0.005	<0.005	<0.005	0.0025J	0.0016J	<0.005	0.00142J	<0.005	<0.005	<0.005				
Chromium	7440-47-3	mg/L	1/21/2021		<0.008																								
Chromium	7440-47-3	mg/L	4/13/2021	0.002J	<0.008	0.0026J	<0.008	0.001J	<0.008	<0.008	0.0025J	0.0006J	0.0008J	0.0009J	0.0024J	<0.008	0.0006J	<0.008	0.0028J	0.0018J	0.0008J	0.0015J	<0.008	<0.008	<0.008				
Chromium	7440-47-3	mg/L	10/20/2021		<0.008			0.0011J; 0.0009J				<0.008					<0.008	<0.008			0.001J	0.0013J	<0.008	<0.008	0.0013J	<0.008	0.0006J	<0.008	<0.008
Chromium	7440-47-3	mg/L	5/2/2022					0.0009J		<0.008	0.0031J										<0.008	0.0014J	0.0011J	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
Chromium	7440-47-3	mg/L	10/14/2022					0.001J; 0.0012J													0.0009J	0.0028J	<0.008	<0.008	<0.008	<0.008	0.0018J	<0.008
Chromium	7440-47-3	mg/L	5/1/2023					<0.005		<0.005	0.00256J										<0.005	0.00128J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	10/16/2023					<0.005													<0.005	0.00185J; 0.00181J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	4/29/2024					<0.005		<0.005	0.00219J										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	10/9/2024																								0.00607		
Chromium	7440-47-3	mg/L	10/10/2024																							<0.00500		<0.00500	
Chromium	7440-47-3	mg/L	10/14/2024																		<0.00500	<0.00500		<0.00500					<0.00500
Chromium	7440-47-3	mg/L	10/15/2024																				<0.00500		<0.00500				
Chromium	7440-47-3	mg/L	4/23/2025	<0.00500										<0.00500					<0.00500										
Chromium	7440-47-3	mg/L	4/24/2025													<0.00500													
Chromium	7440-47-3	mg/L	4/30/2025																							<0.00500	<0.00500		
Chromium	7440-47-3	mg/L	5/5/2025						<0.00500																		<0.00500		
Chromium	7440-47-3	mg/L	5/6/2025										<0.00500		0.00307														
Chromium	7440-47-3	mg/L	5/7/2025				<0.00500													0.00222	<0.00500	<0.00500	<0.00500						
Chromium	7440-47-3	mg/L	5/8/2025			<0.00500		<0.00500																					<0.00500
Chromium	7440-47-3	mg/L	5/9/2025							<0.00500	0.00258													<0.00500	<0.00500				
Chromium	7440-47-3	mg/L	10/21/2025																							0.00278	0.0212	0.00765	
Chromium	7440-47-3	mg/L	10/23/2025					<0.00500													<0.00500	<0.00500	<0.00500	<0.00500	<0.00500				
Chromium	7440-47-3	mg/L	10/24/2025																										<0.00500
Chromium	7440-47-3	mg/L	5/4/2026														<0.00500									<0.00500	<0.00500		
Chromium	7440-47-3	mg/L	5/5/2026																								<0.00500		
Chromium	7440-47-3	mg/L	5/6/2026							<0.00500	0.00271							<0.00500			<0.00500								
Chromium	7440-47-3	mg/L	5/8/2026					<0.00500														0.00128	<0.00500	<0.00500	<0.00500				<0.00500
Chrysene	218-01-9	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Chrysene	218-01-9	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Chrysene	218-01-9	ug/L	4/4/2011									<10					<10	<10											
Chrysene	218-01-9	ug/L	3/30/2013																							<10	<10		
Chrysene	218-01-9	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Chrysene	218-01-9	ug/L	6/2/2014																					<10.1					
Chrysene	218-01-9	ug/L	10/15/2014																					<10					
Chrysene	218-01-9	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Chrysene	218-01-9	ug/L	4/4/2016									<10					<10	<10											
Chrysene	218-01-9	ug/L	5/1/2018																		<10.4	<10.3							
Chrysene	218-01-9	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Chrysene	218-01-9	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Chrysene	218-01-9	ug/L	6/24/2020		<10.4																								
Chrysene	218-01-9	ug/L	10/20/2021		<8							<8					<8	<8											
Chrysene	218-01-9	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Chrysene	218-01-9	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Chrysene	218-01-9	ug/L	4/24/2025													<10.4													
Chrysene	218-01-9	ug/L	5/5/2025						<10.2																				
Chrysene	218-01-9	ug/L	5/6/2025										<10.4		<10.6														
Chrysene	218-01-9	ug/L	5/7/2025				<10.2													<10.6									
Chrysene	218-01-9	ug/L	5/8/2025			<9.80		<10.6																					
Chrysene	218-01-9	ug/L	5/4/2026														<10.9												
Chrysene	218-01-9	ug/L	5/6/2026															<10.4											
Cobalt	7440-48-4	mg/L	2/27/2008	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02																			
Cobalt	7440-48-4	mg/L	5/12/2008	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02																			
Cobalt	7440-48-4	mg/L	7/13/2008	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02																			
Cobalt	7440-48-4	mg/L	9/14/2008	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02																			
Cobalt	7440-48-4	mg/L	11/17/2008	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02																			
Cobalt	7440-48-4	mg/L	4/14/2009	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02																			

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Cobalt	7440-48-4	mg/L	7/7/2009							<0.02			<0.02	<0.02	<0.02	<0.02			<0.02	<0.02									
Cobalt	7440-48-4	mg/L	9/2/2009							<0.02			<0.02	<0.02	<0.02	<0.02			<0.02	<0.02									
Cobalt	7440-48-4	mg/L	10/25/2009	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02			<0.02	<0.02	<0.02	<0.02			<0.02	<0.02									
Cobalt	7440-48-4	mg/L	1/2/2010							<0.02			<0.02	<0.02	<0.02	<0.02			<0.02	<0.02									
Cobalt	7440-48-4	mg/L	3/3/2010									0.0916	<0.02	<0.02	<0.02	<0.02	<0.02	0.028	<0.02	<0.02									
Cobalt	7440-48-4	mg/L	5/10/2010	<0.02		0.00817	0.00644	<0.02	<0.02	<0.02		0.0106	0.00264	<0.02	<0.02	0.00391	0.00267	0.0187	0.00349	0.00203									
Cobalt	7440-48-4	mg/L	7/8/2010							<0.02		0.00283	<0.02			0.00436	<0.02	0.0267	<0.02	<0.02									
Cobalt	7440-48-4	mg/L	9/13/2010							<0.02		0.00978	<0.02			0.0064	0.00224	0.0219	<0.02	0.00335									
Cobalt	7440-48-4	mg/L	11/1/2010	<0.02		0.00288		<0.02	<0.02	<0.02			0.003		<0.02	0.00408													
Cobalt	7440-48-4	mg/L	1/10/2011							<0.02		<0.02	0.00491			0.00218	<0.02	0.0164											
Cobalt	7440-48-4	mg/L	4/4/2011							<0.02		<0.02	<0.02			0.00331	<0.02	0.0293	0.00465										
Cobalt	7440-48-4	mg/L	7/8/2011							<0.02		0.00334					0.00201	0.0155											
Cobalt	7440-48-4	mg/L	8/11/2011							0.0074		0.00219					<0.02	0.015								<0.02			
Cobalt	7440-48-4	mg/L	10/13/2011	<0.06		<0.02		<0.02	<0.02	0.00171		0.0023	<0.02	<0.02	<0.02	0.00437	<0.02	0.0235	<0.02							<0.02			
Cobalt	7440-48-4	mg/L	12/5/2011				0.00815			0.00368		<0.02					<0.02	0.0176		0.002						0.00415			
Cobalt	7440-48-4	mg/L	2/6/2012							<0.02																<0.02			
Cobalt	7440-48-4	mg/L	4/11/2012	<0.02		<0.02	0.01	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	0.0106	0.0026	<0.02	0.00979	<0.02	<0.02						<0.02	<0.02		
Cobalt	7440-48-4	mg/L	6/25/2012					0.00231		<0.02																<0.02	<0.02		
Cobalt	7440-48-4	mg/L	8/1/2012							<0.02	<0.02										0.0171	0.00524	0.00173	0.00508	0.00478	<0.02	<0.02		
Cobalt	7440-48-4	mg/L	10/11/2012	0.00238		<0.02	0.0131	0.00331	0.00171	<0.02		<0.02	<0.02	<0.02	<0.02	0.00402	0.00643	0.00651	<0.02	0.00188	0.0437	<0.02	0.00336	0.00506	0.00859	0.00173	<0.02		
Cobalt	7440-48-4	mg/L	12/13/2012							0.00323											0.0142	0.0405	<0.00155	<0.00155	0.0941		<0.00155		
Cobalt	7440-48-4	mg/L	2/4/2013							0.00939											0.0423	0.015	0.00594	0.003	0.0353				
Cobalt	7440-48-4	mg/L	3/30/2013	<0.00132		<0.00132	0.013	<0.00132	<0.00132	<0.00132		<0.00132	<0.00132		<0.00132	0.00242	0.00255	<0.00132	0.0108	<0.00132	0.00177	0.0277	0.00311	0.00363	0.00463	0.0123	<0.00132	0.00173		
Cobalt	7440-48-4	mg/L	7/10/2013																			0.0376	<0.007	<0.007	<0.007	<0.007			
Cobalt	7440-48-4	mg/L	10/7/2013	<0.007		<0.007	0.00951	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	0.0126	<0.007	<0.007	0.00997	0.134	<0.007	<0.007	<0.007	<0.007	<0.007		
Cobalt	7440-48-4	mg/L	6/2/2014	<0.00241		<0.00241	0.00813	0.00306	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00482	<0.00241	<0.00241	0.00465	<0.00241	<0.00241	<0.00241	<0.00241	<0.00482	<0.00482	<0.00241			
Cobalt	7440-48-4	mg/L	10/15/2014	<0.00241		<0.00241	0.0118	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	0.00911	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241	<0.00241			
Cobalt	7440-48-4	mg/L	4/8/2015	<0.0005		<0.0005; 0.000072J	0.0104	<0.0005	0.000117J	0.000153J	0.000553	<0.0005	0.000092J	<0.0005	<0.0005	0.00367	0.00194	0.00972	0.00285	0.00161	0.000315J	<0.0005	<0.0005	<0.0005	<0.0005	0.000073J			
Cobalt	7440-48-4	mg/L	10/5/2015	<0.0005		<0.0005	0.00679	<0.0005	0.00392	0.00233	<0.0005	<0.0005	0.00178	<0.0005	<0.0005	0.00405	0.00157	0.00953	0.000924	0.00114	0.000816	<0.0005	0.000085J	<0.0005	<0.0005	0.000087J			
Cobalt	7440-48-4	mg/L	4/4/2016	<0.0005		<0.0005	0.00999; 0.01	0.000058J	0.000061J	0.000049J	0.000074J	0.000051J	0.0035	0.000038J	0.000109J	0.0022	0.00229	0.0182	0.000476J	0.000322J	0.000175J	0.000045J	0.000048J	0.00009J	<0.0005	0.000162J			
Cobalt	7440-48-4	mg/L	10/17/2016	<0.0005		0.000616	0.00784	0.000113J	0.000929	0.000857	0.000149J	0.000183J	0.00364	<0.0005	0.000035J	0.00305	0.000608	0.00937	0.00048J	0.000115J	0.000174J	0.000041J	0.000059J	0.000138J	0.000107J	0.000142J			
Cobalt	7440-48-4	mg/L	4/17/2017	<0.0005		0.000296J	0.00632	<0.0005	0.000097J	0.000185J	<0.0005	<0.0005	<0.0005	0.000115J	<0.0005	<0.0005	0.00165	0.000155J	0.00288	0.000807	0.000071J	<0.0005	<0.0005	<0.0005	<0.0005	0.000053J			
Cobalt	7440-48-4	mg/L	10/11/2017	<0.0005		0.000364J	0.0101	<0.0005	0.00103	0.00109	<0.0005	<0.0005	<0.0005	0.000048J	<0.0005	0.0036	0.00183	0.015	0.000053J	0.000703	0.000054J	<0.0005	<0.0005	<0.0005	<0.0005	0.000136J			
Cobalt	7440-48-4	mg/L	4/20/2018											<0.0005					<0.0005	0.00136									
Cobalt	7440-48-4	mg/L	4/23/2018	<0.0005								<0.0005	0.000704		0.000064J	0.00168	0.000178J												
Cobalt	7440-48-4	mg/L	4/25/2018						0.000096J		<0.0005															<0.0005			
Cobalt	7440-48-4	mg/L	4/30/2018			0.000223J; 0.000489J	0.0127	<0.0005										0.0135											
Cobalt	7440-48-4	mg/L	5/1/2018																		<0.0005	<0.0005							
Cobalt	7440-48-4	mg/L	5/2/2018																				<0.0005	<0.0005	<0.0005				
Cobalt	7440-48-4	mg/L	10/16/2018	<0.001		0.000243J	0.00673	0.000096J	0.000738J	<0.001	<0.001	<0.001	0.0012	<0.001	<0.001	0.000465J	<0.001	0.0154	<0.001	0.000501J	0.00011J	0.000061J	<0.0005	<0.0005	<0.0005	0.000123J			
Cobalt	7440-48-4	mg/L	4/16/2019	<0.0005		<0.0005	0.00835	<0.0005	0.000159J	0.000094J	<0.0005	0.000201J	0.000792	<0.0005	<0.0005	0.00074	0.00021J	0.00198	<0.0005	0.000403J	0.000129J	<0.0005	<0.0005	<0.0005	<0.0005	0.000104J			
Cobalt	7440-48-4	mg/L	10/1/2019	<0.0005	0.00104	0.000593	0.01	<0.0005	0.00238	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00125	0.000184J	0.00306	<0.0005	0.00116	0.000098J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		0.000622	
Cobalt	7440-48-4	mg/L	3/30/2020	<0.0005	0.0012	<0.0005	0.00455	<0.0005	0.000654	0.000126J	<0.0005	<0.0005	0.000752	<0.0005	<0.0005	0.000379J	0.000186J	0.00635	<0.0005	0.000708	0.00035J	<0.0005	<0.0005	<0.0005	<0.0005	0.000106J		0.00121	
Cobalt	7440-48-4	mg/L	6/24/2020		0.0019																								
Cobalt	7440-48-4	mg/L	10/7/2020	<0.0005	0.00219	0.000353J; 0.000278J	0.0102	0.00012J	0.00701	0.00304	<0.0005	<0.0005	0.00104	<0.0005	<0.0005	0.00433	0.000213J	0.0177	0.000106J	0.000689	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		0.00255	
Cobalt	7440-48-4	mg/L	1/21/2021		0.0019																								
Cobalt	7440-48-4	mg/L	4/13/2021	<0.0004	0.0019	0.0012	0.0048	<0.0004	0.0003J	0.0002J	<0.0004	0.00009J	0.0002J	<0.0004	<0.0004	0.0001J	0.0003J	0.0042	0.0001J	0.0007	0.0001J	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004			0.0009
Cobalt	7440-48-4	mg/L	10/20/2021		0.0019			0.0003J; 0.0001J	0.0026			<0.0004	0.0002J				0.0004	0.0006			0.0003J	<0.0004	<0.0004	<0.0004	0.0007	0.0002J	0.0016	0.0004	0.002
Cobalt	7440-48-4	mg/L	5/2/2022	<0.0004	0.0011	0.0007	0.009	0.0005	0.0015	0.0003J	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	0.0003J	<0.0004	0.0012	0.0016	0.0015	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	0.0003J	<0.0004	0.0003J	0.0006
Cobalt	7440-48-4	mg/L	10/14/2022		0.0018J		0.0112	<0.0004; 0.0042	0.0023			0.0015J	0.0089								0.0013	0.0007	<0.0004	<0.0004	<0.0004	0.0062	0.0029	0.0189	0.0009
Cobalt	7440-48-4	mg/L	5/1/2023	<0.0005	<0.0005	<0.0005	0.0117	<0.0005	0.00209; 0.00223	<0.0005	<0.0005	0.000292J	0.000246J	0.000245J	<0.0005	0.000252J	0.00025J	0.00162	0.00314	0.00121	0.000203J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0003I
Cobalt	7440-48-4	mg/L	10/16/2023		<0.0025		0.0115	<0.0005	0.00112			<0.0005	<0.0005								0.000389J	0.000811; 0.000596	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00109	0.000393J
Cobalt	7440-48-4	mg/L	4/29/2024	<0.0005	<0.0005	<0.0005	0.00645	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000319J	0.000426J	0.000263J	0.000539	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000179J	0.000273J
Cobalt	7440-48-4	mg/L	10/9/2024		<0.000500								<0.000500														0.000318J		
Cobalt	7440-48-4	mg/L	10/10/2024						0.00642			0.000263J														<0.000500		0.000490J	
Cobalt	7440-48-4	mg/L	10/14/2024																		<0.000500	<0.000500		<0.000500					0.000299J
Cobalt	7440-48-4	mg/L	10/15/2024				0.00854																<0.000500		<0.000500				
Cobalt	7440-48-4	mg/L	4/23/2025	<0.000500										<0.000500					<0.000500										
Cobalt	7440-48-4	mg/L	4/24/2025													<0.000500	<0.000500												
Cobalt	7440-48-4	mg/L	4/30/2025		<0.000500							<0.000500														<0.000500	<0.000500		
Cobalt	7440-48-4	mg/L	5/5/2025						0.000298																			<0.000500	
Cobalt	7440-48-4	mg/L	5/6/2025										<0.000500		<0.000500														
Cobalt	7440-48-4	mg/L	5/7/2025				0.00394													0.000668	<0.000500	<0.000500	<0.000500						
Cobalt	7440-48-4	mg/L	5/8/2025			0.000423		<0.000500																					<0.000500
Cobalt	7440-48-4	mg/L	5/9/2025							<0.000500	<0.000500							0.000417						<0.000500	<0.000500				
Cobalt	7440-48-4	mg/L	10/21/2025						0.00919																	<0.000500	0.000203	0.000869	
Cobalt	7440-48-4	mg/L	10/22/2025		<0.000500							<0.000500	<0.000500																
Cobalt	7440-48-4	mg/L	10/23/2025					0.000243													0.000263	<0.000500	<0.000500	<0.000500	0.000232				
Cobalt	7440-48-4	mg/L	10/24/2025				0.0152																						0.000729
Cobalt	7440-48-4	mg/L	5/4/2026									<0.00100					<0.00100									<0.00100	<0.00100		
Cobalt	7440-48-4	mg/L	5/5/2026		<0.00100				<0.00100				<0.00100		<0.00100	<0.00100												0.000579	
Cobalt	7440-48-4	mg/L	5/6/2026	<0.00100		<0.00100				<0.00100	<0.00100			<0.00100				0.00586	<0.00100	0.00238	<0.00100								
Cobalt	7440-48-4	mg/L	5/8/2026				0.00910	<0.00100														<0.00100	<0.00100	<0.00100	<0.00100				0.000886
Copper	7440-50-8	mg/L	2/27/2008	0.028		0.087	0.031	<0.025	<0.025	<0.025																			
Copper	7440-50-8	mg/L	5/12/2008	0.026		0.027	0.029	<0.025	0.034	0.03																			
Copper	7440-50-8	mg/L	7/13/2008	<0.025		<0.025	0.027	<0.025	<0.025	<0.025																			
Copper	7440-50-8	mg/L	9/14/2008	<0.025		<0.025	<0.025	<0.025	<0.025	<0.025																			
Copper	7440-50-8	mg/L	11/17/2008	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02																			
Copper	7440-50-8	mg/L	4/14/2009	<0.025		<0.025	<0.025	<0.025	<0.025	<0.025																			
Copper	7440-50-8	mg/L	7/7/2009							<0.025			<0.025	<0.025	<0.025	<0.025			<0.025	<0.025									
Copper	7440-50-8	mg/L	9/2/2009							<0.025			0.033	0.031	<0.025	<0.025			<0.025	<0.025									
Copper	7440-50-8	mg/L	10/25/2009	<0.025		<0.025	<0.025	<0.025	<0.025	<0.025			0.05	<0.025	0.035	<0.025			<0.025	<0.025									
Copper	7440-50-8	mg/L	1/2/2010							<0.025			0.2	<0.025	<0.025	<0.025			<0.025	<0.025									
Copper	7440-50-8	mg/L	3/3/2010									0.63	0.07	<0.025	<0.025	<0.025	0.028; 0.026	<0.025	<0.025	<0.025									
Copper	7440-50-8	mg/L	5/10/2010	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02									
Copper	7440-50-8	mg/L	7/8/2010									<0.025					<0.025	<0.025											
Copper	7440-50-8	mg/L	9/13/2010									0.041					<0.025	<0.025											
Copper	7440-50-8	mg/L	11/1/2010										0.056	<0.025	<0.025	<0.025													
Copper	7440-50-8	mg/L	1/10/2011									<0.02					<0.02	<0.02											
Copper	7440-50-8	mg/L	4/4/2011									<0.02	<0.025	<0.025	<0.025	<0.025	<0.02	<0.02	<0.025										
Copper	7440-50-8	mg/L	7/8/2011							<0.025		<0.025					<0.025	<0.025											
Copper	7440-50-8	mg/L	8/11/2011							<0.025		<0.025					<0.025	<0.025								<0.025			
Copper	7440-50-8	mg/L	10/13/2011	<0.06		<0.02		<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02							<0.02			
Copper	7440-50-8	mg/L	12/5/2011				<0.02			<0.02		<0.02								<0.02						<0.02			
Copper	7440-50-8	mg/L	4/11/2012	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02						<0.02	<0.02		
Copper	7440-50-8	mg/L	6/25/2012				<0.02			<0.02																<0.02	<0.02		
Copper	7440-50-8	mg/L	8/1/2012							<0.02	<0.02										<0.02	<0.02	<0.02	<0.02	0.0274	<0.02	<0.02		
Copper	7440-50-8	mg/L	10/11/2012	<0.02		<0.02	<0.02	<0.02	<0.02		<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0209	0.0709	<0.02	<0.02		
Copper	7440-50-8	mg/L	12/13/2012								<0.02										0.0468	0.0625	<0.02	<0.02	0.431		<0.02		
Copper	7440-50-8	mg/L	2/4/2013								<0.02										<0.02	<0.02	<0.02	<0.02	0.326				
Copper	7440-50-8	mg/L	3/30/2013	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0595	<0.02	<0.02		
Copper	7440-50-8	mg/L	7/10/2013																		0.0501	<0.02	<0.02	<0.02	0.0295				
Copper	7440-50-8	mg/L	10/7/2013	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0201	0.121	<0.02	<0.02	<0.02	<0.02	<0.02		
Copper	7440-50-8	mg/L	6/2/2014	<0.02		<0.04	<0.02	<0.02	<0.02	0.00379J	<0.04	<0.02	0.00526J	<0.02	<0.04	<0.02	<0.02	<0.02	0.00404J	<0.02	<0.02	<0.02	<0.04	<0.04	<0.02				
Copper	7440-50-8	mg/L	10/15/2014	0.0155J; 0.00511J		<0.02	0.00405J	<0.02	<0.02	<0.02	<0.02	<0.02	0.0271	<0.02	<0.02	0.00448J	0.00385J	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02			
Copper	7440-50-8	mg/L	4/6/2015	<0.002		<0.002	0.000601J	<0.002	0.000899J	<0.002	0.00263	<0.002	0.000737J	<0.002	<0.002	<0.002	0.000564J	0.00776	0.000511J	0.00157J	<0.002	0.000698J	0.000607J	0.000635J				
Copper	7440-50-8	mg/L	10/5/2015	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	0.000972J	<0.002	0.000742J	<0.002	<0.002	0.000627J	<0.002	<0.002	0.00322	0.00077J	0.00102J	0.000485J; 0.00067J	0.00123J	0.00068J	0.00114J			
Copper	7440-50-8	mg/L	4/4/2016	<0.005		<0.005	0.00172J; 0.00156J	0.00216J	<0.005	<0.005	0.00148J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0247	0.00151J	0.00204J	0.0014J	<0.005	0.00129J	<0.005	<0.005				
Copper	7440-50-8	mg/L	10/17/2016	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Copper	7440-50-8	mg/L	4/17/2017	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00281J	<0.005	<0.005	0.0149	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Copper	7440-50-8	mg/L	10/11/2017	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0047J				
Copper	7440-50-8	mg/L	4/20/2018											<0.005					<0.005	<0.005									
Copper	7440-50-8	mg/L	4/23/2018	<0.005								<0.005	0.00304J		<0.005	<0.005	<0.005												
Copper	7440-50-8	mg/L	4/25/2018						<0.005		<0.005																		
Copper	7440-50-8	mg/L	4/30/2018			<0.005	<0.005	<0.005										<0.005											
Copper	7440-50-8	mg/L	5/1/2018																		<0.005	<0.005							
Copper	7440-50-8	mg/L	5/2/2018																				<0.005	<0.005	<0.005				
Copper	7440-50-8	mg/L	10/16/2018	0.000915J		<0.005	<0.005	<0.005	0.000857J	0.00534	0.00142J	0.00135J	0.00191J	0.00267	0.000793J	0.00826	0.00165J	<0.005	0.00143J	0.00487	0.00221J	<0.005	<0.005	<0.005	<0.005				
Copper	7440-50-8	mg/L	4/16/2019	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00286J	<0.005	<0.005	<0.005	<0.005	<0.005				
Copper	7440-50-8	mg/L	10/1/2019	<0.005	0.00303J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00519	<0.005	<0.005	<0.005	<0.005	<0.005				
Copper	7440-50-8	mg/L	3/30/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00418J	<0.005	<0.005	<0.005	0.00357J	<0.005	<0.005	<0.005	<0.005	<0.005				
Copper	7440-50-8	mg/L	6/24/2020		<0.005																								
Copper	7440-50-8	mg/L	10/7/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00436J	<0.005	<0.005	<0.005	<0.005	<0.005				
Copper	7440-50-8	mg/L	1/21/2021		<0.004																								
Copper	7440-50-8	mg/L	4/13/2021	0.0056	<0.004	0.0018J	<0.004	<0.004	<0.004	<0.004	0.0012J	<0.004	<0.004	<0.004	<0.004	0.0074	0.0012J	0.0013J	0.0013J	0.0046	0.0016J	<0.004	<0.004	<0.004	0.001J				
Copper	7440-50-8	mg/L	10/20/2021		0.0015J			<0.004	<0.004			<0.004	0.0014J				<0.004	0.0013J			0.0026J	<0.004	<0.004	<0.004	0.0057	0.0027J	0.0016J	0.0031J	<0.004	0.0013J
Copper	7440-50-8	mg/L	5/2/2022	<0.004	0.0019J	<0.004	<0.004	<0.004	0.0022J	<0.004	0.0014J	0.0013J	<0.004	<0.004	<0.004	0.0043	<0.004	0.001J	0.0029J	0.004	0.0015J	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0022J

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Copper	7440-50-8	mg/L	10/14/2022		0.0048		0.0013J	<0.004	0.0027J			0.001J	0.0074								0.0012J	0.0016J	0.0013J	<0.004	0.0024J	0.001J	0.0011J	0.0038J	0.0019J
Copper	7440-50-8	mg/L	5/1/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.0005; 0.00406J	0.00287J	<0.005	0.00255J	<0.005	<0.005	<0.005	0.00717	0.0044J	<0.005	0.00514	0.00239J	0.00241J	<0.005	0.00342J	<0.005	0.00488J	<0.005	<0.005	0.00369J	0.00196J
Copper	7440-50-8	mg/L	10/16/2023		<0.005		0.00199J	<0.005	<0.005			<0.005	<0.005								0.0024J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Copper	7440-50-8	mg/L	4/29/2024	<0.005	<0.005	<0.005	<0.005	<0.005	0.00189J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00924	0.0024J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00195J	<0.005	<0.005	<0.005	<0.005	<0.005
Copper	7440-50-8	mg/L	10/9/2024		<0.00500								<0.00500														<0.00500		
Copper	7440-50-8	mg/L	10/10/2024						<0.00500			<0.00500													<0.00500		<0.00500		
Copper	7440-50-8	mg/L	10/14/2024																		<0.00500	<0.00500		<0.00500					<0.00500
Copper	7440-50-8	mg/L	10/15/2024				<0.00500																<0.00500		<0.00500				
Copper	7440-50-8	mg/L	4/23/2025	<0.00500										<0.00500					<0.00500										
Copper	7440-50-8	mg/L	4/24/2025													<0.00500	<0.00500												
Copper	7440-50-8	mg/L	4/30/2025		<0.00500							<0.00500														<0.00500	<0.00500		
Copper	7440-50-8	mg/L	5/5/2025						<0.00500																			<0.00500	
Copper	7440-50-8	mg/L	5/6/2025										<0.00500		<0.00500														
Copper	7440-50-8	mg/L	5/7/2025				<0.00500													<0.00500	<0.00500	<0.00500	<0.00500						
Copper	7440-50-8	mg/L	5/8/2025			<0.00500		<0.00500																					<0.00500
Copper	7440-50-8	mg/L	5/9/2025							<0.00500	<0.00500							<0.00500						<0.00500	<0.00500				
Copper	7440-50-8	mg/L	10/21/2025						<0.00500																	<0.00500	<0.00500	<0.00500	
Copper	7440-50-8	mg/L	10/22/2025		<0.00500							<0.00500	<0.00500																
Copper	7440-50-8	mg/L	10/23/2025					<0.00500													<0.00500	<0.00500	<0.00500	<0.00500	<0.00500				
Copper	7440-50-8	mg/L	10/24/2025				<0.00500																						<0.00500
Copper	7440-50-8	mg/L	5/4/2026									<0.00200					0.000735									<0.00200	<0.00200		
Copper	7440-50-8	mg/L	5/5/2026		<0.00200				0.00161				<0.00200		<0.00200	0.00316												0.000705	
Copper	7440-50-8	mg/L	5/6/2026	<0.00200		0.00103				<0.00200	0.000763			<0.00200				0.00130	<0.00200	0.00754	0.00137								
Copper	7440-50-8	mg/L	5/8/2026				0.00144	0.000617														<0.00200	<0.00200	0.000715	0.00140				0.00144
Cyanide	57-12-5	mg/L	4/14/2009	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			
Cyanide	57-12-5	mg/L	5/10/2010	<0.01		<0.01	<0.01	<0.01	0.154	<0.01			<0.01	<0.01	<0.01	<0.01			<0.01	<0.01									
Cyanide	57-12-5	mg/L	7/8/2010						<0.01	<0.01																			
Cyanide	57-12-5	mg/L	9/13/2010						<0.01	<0.01																			
Cyanide	57-12-5	mg/L	11/1/2010						<0.01	<0.01																			
Cyanide	57-12-5	mg/L	1/10/2011						<0.01	<0.01																			
Cyanide	57-12-5	mg/L	4/4/2011						<0.01	<0.01		<0.01					<0.01	<0.01											
Cyanide	57-12-5	mg/L	3/30/2013																							<0.01	<0.01		
Cyanide	57-12-5	mg/L	7/10/2013																		<0.01	<0.01	<0.01	<0.01	<0.01				
Cyanide	57-12-5	mg/L	6/2/2014						<0.01																				
Cyanide	57-12-5	mg/L	10/15/2014						<0.01																				
Cyanide	57-12-5	mg/L	4/6/2015						<0.01																				
Cyanide	57-12-5	mg/L	10/5/2015	<0.01		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01			<0.01	<0.01									
Cyanide	57-12-5	mg/L	4/4/2016						<0.01			<0.01					<0.01	<0.01											
Cyanide	57-12-5	mg/L	10/17/2016						<0.01																				
Cyanide	57-12-5	mg/L	5/1/2018																		<0.01	<0.01							
Cyanide	57-12-5	mg/L	5/2/2018																				<0.01	<0.01	<0.01				
Cyanide	57-12-5	mg/L	3/30/2020	<0.01		<0.01	<0.01	<0.01	<0.01				<0.01	<0.01	<0.01	<0.01			<0.01	<0.01									
Cyanide	57-12-5	mg/L	6/24/2020		<0.01																								
Cyanide	57-12-5	mg/L	10/20/2021		<0.005							<0.005					<0.005	<0.005											
Cyanide	57-12-5	mg/L	5/1/2023																		<0.01	<0.01	<0.01	<0.01	<0.01				
Cyanide, Total	57-12-5	mg/L	4/23/2025	<0.0100										<0.0100					<0.0100										
Cyanide, Total	57-12-5	mg/L	4/24/2025													<0.0100													
Cyanide, Total	57-12-5	mg/L	5/5/2025						<0.0100																				
Cyanide, Total	57-12-5	mg/L	5/6/2025										<0.0100		<0.0100														
Cyanide, Total	57-12-5	mg/L	5/7/2025				<0.0100													<0.0100									
Cyanide, Total	57-12-5	mg/L	5/8/2025			<0.0100		<0.0100																					
Cyanide, Total	57-12-5	mg/L	5/4/2026														<0.0100												
Cyanide, Total	57-12-5	mg/L	5/6/2026															<0.0100											
DCAA	19719-28-9	ug/L	4/23/2025	0.921; 1.04										1.36; 1.48					1.21; 1.25										
DCAA	19719-28-9	ug/L	4/24/2025													1.36; 1.28													
DCAA	19719-28-9	ug/L	5/5/2025						1.23; 1.28																				
DCAA	19719-28-9	ug/L	5/6/2025										2.15; 1.96		1.95; 2.09														
DCAA	19719-28-9	ug/L	5/7/2025				1.75; 1.32													1.12; 1.02									
DCAA	19719-28-9	ug/L	5/8/2025			1.23; 1.35		1.32; 1.48																					
DCAA	19719-28-9	ug/L	10/21/2025						1.74; 1.53																				
DCAA	19719-28-9	ug/L	5/4/2026														19.2												
DCAA	19719-28-9	ug/L	5/5/2026						18.7																				
DCAA	19719-28-9	ug/L	5/6/2026															20.2											
Delta-BHC	319-86-8	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Delta-BHC	319-86-8	ug/L	10/25/2009							<0.032																			
Delta-BHC	319-86-8	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Delta-BHC	319-86-8	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Delta-BHC	319-86-8	ug/L	10/11/2012								<0.032																		
Delta-BHC	319-86-8	ug/L	3/30/2013																							<0.032	<0.032		
Delta-BHC	319-86-8	ug/L	7/10/2013																		<0.0327	<0.0323	0.242	<0.0348	<0.0348				
Delta-BHC	319-86-8	ug/L	10/7/2013							<0.0327	<0.036												<0.0323						
Delta-BHC	319-86-8	ug/L	6/2/2014																				<0.0333						
Delta-BHC	319-86-8	ug/L	10/15/2014																				<0.032						
Delta-BHC	319-86-8	ug/L	4/6/2015																				<0.032						
Delta-BHC	319-86-8	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	0.00307J			<0.0348	<0.0323			<0.032						
Delta-BHC	319-86-8	ug/L	4/4/2016									<0.032					0.0154J	<0.032					<0.032						
Delta-BHC	319-86-8	ug/L	10/17/2016																				<0.032						
Delta-BHC	319-86-8	ug/L	4/17/2017																				<0.0327						
Delta-BHC	319-86-8	ug/L	10/11/2017																				<0.034						
Delta-BHC	319-86-8	ug/L	5/1/2018																		<0.0333	<0.0323							
Delta-BHC	319-86-8	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Delta-BHC	319-86-8	ug/L	10/16/2018																				<0.0323						
Delta-BHC	319-86-8	ug/L	4/16/2019																				<0.0333						
Delta-BHC	319-86-8	ug/L	3/30/2020	0.00259J		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
Delta-BHC	319-86-8	ug/L	6/24/2020		<0.0337																								
Delta-BHC	319-86-8	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Delta-BHC	319-86-8	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Di-n-butyl phthalate	84-74-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Di-n-butyl phthalate	84-74-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Di-n-butyl phthalate	84-74-2	ug/L	4/4/2011									<10					<10	<10											
Di-n-butyl phthalate	84-74-2	ug/L	3/30/2013																							<10	<10		
Di-n-butyl phthalate	84-74-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Di-n-butyl phthalate	84-74-2	ug/L	6/2/2014																					<10.1					
Di-n-butyl phthalate	84-74-2	ug/L	10/15/2014																					<10					
Di-n-butyl phthalate	84-74-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	2.78J				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Di-n-butyl phthalate	84-74-2	ug/L	4/4/2016									<10					<10	<10											
Di-n-butyl phthalate	84-74-2	ug/L	5/1/2018																		<10.4	<10.3							
Di-n-butyl phthalate	84-74-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Di-n-butyl phthalate	84-74-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Di-n-butyl phthalate	84-74-2	ug/L	6/24/2020		<10.4																								
Di-n-butyl phthalate	84-74-2	ug/L	10/20/2021		<8							<8					<8	<8											
Di-n-butyl phthalate	84-74-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Di-n-butyl phthalate	84-74-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Di-n-butyl phthalate	84-74-2	ug/L	4/24/2025													<10.4													
Di-n-butyl phthalate	84-74-2	ug/L	5/5/2025						<10.2																				
Di-n-butyl phthalate	84-74-2	ug/L	5/6/2025										<10.4		<10.6														
Di-n-butyl phthalate	84-74-2	ug/L	5/7/2025				<10.2													<10.6									
Di-n-butyl phthalate	84-74-2	ug/L	5/8/2025			<9.80		<10.6																					
Di-n-butyl phthalate	84-74-2	ug/L	5/4/2026														<10.9												
Di-n-butyl phthalate	84-74-2	ug/L	5/6/2026															<10.4											
Di-n-octyl phthalate	117-84-0	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Di-n-octyl phthalate	117-84-0	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Di-n-octyl phthalate	117-84-0	ug/L	4/4/2011									<10					<10	<10											
Di-n-octyl phthalate	117-84-0	ug/L	3/30/2013																							<20	<20		
Di-n-octyl phthalate	117-84-0	ug/L	7/10/2013																		<20.4	<20.2	<20.2	<213	<20.6				
Di-n-octyl phthalate	117-84-0	ug/L	6/2/2014																					<20.2					
Di-n-octyl phthalate	117-84-0	ug/L	10/15/2014																					<20					
Di-n-octyl phthalate	117-84-0	ug/L	10/5/2015	<20.8		<20	<21.1	<21.1	<20.2				<21.5	<21.3	<21.1	<20.6			<22.2	<20.2									
Di-n-octyl phthalate	117-84-0	ug/L	4/4/2016									<20					<20	1.99J											
Di-n-octyl phthalate	117-84-0	ug/L	5/1/2018																		<20.8	<20.6							
Di-n-octyl phthalate	117-84-0	ug/L	5/2/2018																				<20.8	<21.1	<20.8				
Di-n-octyl phthalate	117-84-0	ug/L	3/30/2020	<20.8		<21.5	<20.6	<21.1	<20.6				<20.8	<20.8	<21.1	<20.2			<20.8	<20.8									
Di-n-octyl phthalate	117-84-0	ug/L	6/24/2020		<20.8																								
Di-n-octyl phthalate	117-84-0	ug/L	10/20/2021		<8							<8					<8	<8											
Di-n-octyl phthalate	117-84-0	ug/L	5/1/2023																		<21.3	<20	<19.6	<21.3	<20				
Di-n-octyl phthalate	117-84-0	ug/L	4/23/2025	<20.8										<20.8					<20.8										
Di-n-octyl phthalate	117-84-0	ug/L	4/24/2025													<20.8													

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Di-n-octyl phthalate	117-84-0	ug/L	5/5/2025						<20.4																				
Di-n-octyl phthalate	117-84-0	ug/L	5/6/2025										<20.8		<21.3														
Di-n-octyl phthalate	117-84-0	ug/L	5/7/2025				<20.4													<21.3									
Di-n-octyl phthalate	117-84-0	ug/L	5/8/2025			<19.6		<21.3																					
Di-n-octyl phthalate	117-84-0	ug/L	5/4/2026														<21.7												
Di-n-octyl phthalate	117-84-0	ug/L	5/6/2026															<20.8											
Diallate	2303-16-4	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Diallate	2303-16-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Diallate	2303-16-4	ug/L	4/4/2011									<10					<10	<10											
Diallate	2303-16-4	ug/L	3/30/2013																							<10	<10		
Diallate	2303-16-4	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Diallate	2303-16-4	ug/L	6/2/2014																					<10.1					
Diallate	2303-16-4	ug/L	10/15/2014																					<10					
Diallate	2303-16-4	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Diallate	2303-16-4	ug/L	4/4/2016									<10					<10	<10											
Diallate	2303-16-4	ug/L	5/1/2018																		<10.4	<10.3							
Diallate	2303-16-4	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Diallate	2303-16-4	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Diallate	2303-16-4	ug/L	6/24/2020		<10.4																								
Diallate	2303-16-4	ug/L	10/20/2021		<8							<8					<8	<8											
Diallate	2303-16-4	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Dibenz [a,h] anthracene	53-70-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Dibenz [a,h] anthracene	53-70-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Dibenz [a,h] anthracene	53-70-3	ug/L	4/4/2011									<10					<10	<10											
Dibenz [a,h] anthracene	53-70-3	ug/L	3/30/2013																							<10	<10		
Dibenz [a,h] anthracene	53-70-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Dibenz [a,h] anthracene	53-70-3	ug/L	6/2/2014																					<10.1					
Dibenz [a,h] anthracene	53-70-3	ug/L	10/15/2014																					<10					
Dibenz [a,h] anthracene	53-70-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Dibenz [a,h] anthracene	53-70-3	ug/L	4/4/2016									<10					<10	<10											
Dibenz [a,h] anthracene	53-70-3	ug/L	5/1/2018																		<10.4	<10.3							
Dibenz [a,h] anthracene	53-70-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Dibenz [a,h] anthracene	53-70-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Dibenz [a,h] anthracene	53-70-3	ug/L	6/24/2020		<10.4																								
Dibenz [a,h] anthracene	53-70-3	ug/L	10/20/2021		<8							<8					<8	<8											
Dibenz [a,h] anthracene	53-70-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Dibenzo(a,h)anthracene	53-70-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Dibenzo(a,h)anthracene	53-70-3	ug/L	4/24/2025													<10.4													
Dibenzo(a,h)anthracene	53-70-3	ug/L	5/5/2025						<10.2																				
Dibenzo(a,h)anthracene	53-70-3	ug/L	5/6/2025										<10.4		<10.6														
Dibenzo(a,h)anthracene	53-70-3	ug/L	5/7/2025				<10.2													<10.6									
Dibenzo(a,h)anthracene	53-70-3	ug/L	5/8/2025			<9.80		<10.6																					
Dibenzo(a,h)anthracene	53-70-3	ug/L	5/4/2026														<10.9												
Dibenzo(a,h)anthracene	53-70-3	ug/L	5/6/2026															<10.4											
Dibenzofuran	132-64-9	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Dibenzofuran	132-64-9	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Dibenzofuran	132-64-9	ug/L	4/4/2011									<10					<10	<10											
Dibenzofuran	132-64-9	ug/L	3/30/2013																							<10	<10		
Dibenzofuran	132-64-9	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Dibenzofuran	132-64-9	ug/L	6/2/2014																					<10.1					
Dibenzofuran	132-64-9	ug/L	10/15/2014																					<10					
Dibenzofuran	132-64-9	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Dibenzofuran	132-64-9	ug/L	4/4/2016									<10					<10	<10											
Dibenzofuran	132-64-9	ug/L	5/1/2018																		<10.4	<10.3							
Dibenzofuran	132-64-9	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Dibenzofuran	132-64-9	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Dibenzofuran	132-64-9	ug/L	6/24/2020		<10.4																								
Dibenzofuran	132-64-9	ug/L	10/20/2021		<8							<8					<8	<8											
Dibenzofuran	132-64-9	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Dibenzofuran	132-64-9	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Dibenzofuran	132-64-9	ug/L	4/24/2025													<10.4													
Dibenzofuran	132-64-9	ug/L	5/5/2025						<10.2																				
Dibenzofuran	132-64-9	ug/L	5/6/2025										<10.4		<10.6														
Dibenzofuran	132-64-9	ug/L	5/7/2025				<10.2													<10.6									
Dibenzofuran	132-64-9	ug/L	5/8/2025			<9.80		<10.6																					
Dibenzofuran	132-64-9	ug/L	5/4/2026														<10.9												
Dibenzofuran	132-64-9	ug/L	5/6/2026															<10.4											
Dibromomethane	74-95-3	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
Dibromomethane	74-95-3	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
Dibromomethane	74-95-3	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
Dibromomethane	74-95-3	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
Dibromomethane	74-95-3	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
Dibromomethane	74-95-3	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
Dibromomethane	74-95-3	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1									
Dibromomethane	74-95-3	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
Dibromomethane	74-95-3	ug/L	10/25/2009	<2		<1	<2	<2	<1	<1			<2	<2	<2	<1			<1	<1									
Dibromomethane	74-95-3	ug/L	1/2/2010										<1	<1	<1	<1			<1	<1									
Dibromomethane	74-95-3	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
Dibromomethane	74-95-3	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
Dibromomethane	74-95-3	ug/L	7/8/2010									<1					<1	<1											
Dibromomethane	74-95-3	ug/L	9/13/2010									<1					<1	<1											
Dibromomethane	74-95-3	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
Dibromomethane	74-95-3	ug/L	1/10/2011									<1					<1	<1											
Dibromomethane	74-95-3	ug/L	4/4/2011									<1					<1	<1											
Dibromomethane	74-95-3	ug/L	8/11/2011																							<1			
Dibromomethane	74-95-3	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Dibromomethane	74-95-3	ug/L	12/5/2011				<1													<1						<1			
Dibromomethane	74-95-3	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Dibromomethane	74-95-3	ug/L	6/25/2012					<1		<1																<1	<1		
Dibromomethane	74-95-3	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
Dibromomethane	74-95-3	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Dibromomethane	74-95-3	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
Dibromomethane	74-95-3	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Dibromomethane	74-95-3	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
Dibromomethane	74-95-3	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	4/20/2018											<1					<1	<1									
Dibromomethane	74-95-3	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
Dibromomethane	74-95-3	ug/L	4/25/2018						<1																				
Dibromomethane	74-95-3	ug/L	4/30/2018			<1	<1	<1										<1											
Dibromomethane	74-95-3	ug/L	5/1/2018								<1										<1	<1							
Dibromomethane	74-95-3	ug/L	5/2/2018																				<1	<1	<1				
Dibromomethane	74-95-3	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	6/24/2020		<1																								
Dibromomethane	74-95-3	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	1/21/2021		<1																								
Dibromomethane	74-95-3	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Dibromomethane	74-95-3	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/9/2024		<1.00								<1.00														<1.00		
Dibromomethane	74-95-3	ug/L	10/10/2024						<1.00			<1.00													<1.00		<1.00	
Dibromomethane	74-95-3	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
Dibromomethane	74-95-3	ug/L	10/15/2024																				<1.00		<1.00				
Dibromomethane	74-95-3	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Dibromomethane	74-95-3	ug/L	4/24/2025													<1.00													
Dibromomethane	74-95-3	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
Dibromomethane	74-95-3	ug/L	5/5/2025						<1.00																			<1.00	
Dibromomethane	74-95-3	ug/L	5/6/2025										<1.00		<1.00														
Dibromomethane	74-95-3	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
Dibromomethane	74-95-3	ug/L	5/8/2025			<1.00		<1.00																					<1.00
Dibromomethane	74-95-3	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
Dibromomethane	74-95-3	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
Dibromomethane	74-95-3	ug/L	10/22/2025		<1.00							<1.00	<1.00																
Dibromomethane	74-95-3	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
Dibromomethane	74-95-3	ug/L	10/24/2025																										<1.00
Dibromomethane	74-95-3	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
Dibromomethane	74-95-3	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
Dibromomethane	74-95-3	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
Dibromomethane	74-95-3	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
Dichlorodifluoromethane	75-71-8	ug/L	4/14/2009	<3		<3	<3	<3	<3	<3																			
Dichlorodifluoromethane	75-71-8	ug/L	7/7/2009							<3																			
Dichlorodifluoromethane	75-71-8	ug/L	9/2/2009							<3																			
Dichlorodifluoromethane	75-71-8	ug/L	10/25/2009							<3																			
Dichlorodifluoromethane	75-71-8	ug/L	1/2/2010							<3																			
Dichlorodifluoromethane	75-71-8	ug/L	5/10/2010	<3		<3	<3	<3	<3	<3			<3	<3	<3	<3			<3	<3									
Dichlorodifluoromethane	75-71-8	ug/L	7/8/2010							<3																			
Dichlorodifluoromethane	75-71-8	ug/L	9/13/2010							<3																			
Dichlorodifluoromethane	75-71-8	ug/L	11/1/2010							<3																			
Dichlorodifluoromethane	75-71-8	ug/L	1/10/2011							<3																			
Dichlorodifluoromethane	75-71-8	ug/L	4/4/2011							<3		3.19					<3	<3											
Dichlorodifluoromethane	75-71-8	ug/L	10/13/2011							<3																			
Dichlorodifluoromethane	75-71-8	ug/L	4/11/2012							<3		3.72																	
Dichlorodifluoromethane	75-71-8	ug/L	10/11/2012								<3	3.75																	
Dichlorodifluoromethane	75-71-8	ug/L	3/30/2013								<3															<3	<3		
Dichlorodifluoromethane	75-71-8	ug/L	7/10/2013																		<3	<3	<3	<3	<3				
Dichlorodifluoromethane	75-71-8	ug/L	10/7/2013							<3	<3																		
Dichlorodifluoromethane	75-71-8	ug/L	6/2/2014									3.01																	
Dichlorodifluoromethane	75-71-8	ug/L	10/15/2014									2.98J																	
Dichlorodifluoromethane	75-71-8	ug/L	4/6/2015									4.51																	
Dichlorodifluoromethane	75-71-8	ug/L	10/5/2015	0.251J		<3	<3	<3	<3			3.2	<3	<3	<3	<3			<3	<3									
Dichlorodifluoromethane	75-71-8	ug/L	4/4/2016									1.77J					0.284J	<3											
Dichlorodifluoromethane	75-71-8	ug/L	10/17/2016									2.75J																	
Dichlorodifluoromethane	75-71-8	ug/L	4/17/2017									3.15																	
Dichlorodifluoromethane	75-71-8	ug/L	10/11/2017									3.05																	
Dichlorodifluoromethane	75-71-8	ug/L	4/23/2018									1.93J																	
Dichlorodifluoromethane	75-71-8	ug/L	5/1/2018																		<3	<3							
Dichlorodifluoromethane	75-71-8	ug/L	5/2/2018																				<3	<3	<3				
Dichlorodifluoromethane	75-71-8	ug/L	10/16/2018									2.5J																	
Dichlorodifluoromethane	75-71-8	ug/L	4/16/2019									1.92J																	
Dichlorodifluoromethane	75-71-8	ug/L	10/1/2019		33.4							<3																	
Dichlorodifluoromethane	75-71-8	ug/L	3/30/2020	0.882J	21.3	<3	<3	<3	<3			1.67J	<3	<3	<3	<3			<3	<3									
Dichlorodifluoromethane	75-71-8	ug/L	6/24/2020		22.3																								
Dichlorodifluoromethane	75-71-8	ug/L	10/7/2020		13.4							<3																	
Dichlorodifluoromethane	75-71-8	ug/L	1/21/2021		17.5																								
Dichlorodifluoromethane	75-71-8	ug/L	4/13/2021		18							1																	
Dichlorodifluoromethane	75-71-8	ug/L	10/20/2021		12.2							1.7					<1	<1											
Dichlorodifluoromethane	75-71-8	ug/L	5/2/2022		14.4							1.6																	
Dichlorodifluoromethane	75-71-8	ug/L	10/14/2022		5.2							0.8J																	
Dichlorodifluoromethane	75-71-8	ug/L	5/1/2023		8.82							1.58J									<3	<3	<3	<3	<3				
Dichlorodifluoromethane	75-71-8	ug/L	10/16/2023		7.02							1.18J																	
Dichlorodifluoromethane	75-71-8	ug/L	4/29/2024		7.21							1.08J																	
Dichlorodifluoromethane	75-71-8	ug/L	10/9/2024		5.28																								
Dichlorodifluoromethane	75-71-8	ug/L	10/10/2024									0.797J																	
Dichlorodifluoromethane	75-71-8	ug/L	4/23/2025	0.256										<3.00					<3.00										
Dichlorodifluoromethane	75-71-8	ug/L	4/24/2025													<3.00													
Dichlorodifluoromethane	75-71-8	ug/L	4/30/2025		4.01							0.846																	
Dichlorodifluoromethane	75-71-8	ug/L	5/5/2025						<3.00																				
Dichlorodifluoromethane	75-71-8	ug/L	5/6/2025										<3.00		<3.00														
Dichlorodifluoromethane	75-71-8	ug/L	5/7/2025				<3.00													<3.00									
Dichlorodifluoromethane	75-71-8	ug/L	5/8/2025			<3.00		<3.00																					
Dichlorodifluoromethane	75-71-8	ug/L	10/22/2025		4.01							0.708																	
Dichlorodifluoromethane	75-71-8	ug/L	5/4/2026									<3.00					<3.00												
Dichlorodifluoromethane	75-71-8	ug/L	5/5/2026		8.80																								
Dichlorodifluoromethane	75-71-8	ug/L	5/6/2026															<3.00											
Dieldrin	60-57-1	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Dieldrin	60-57-1	ug/L	10/25/2009							<0.032																			
Dieldrin	60-57-1	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Dieldrin	60-57-1	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Dieldrin	60-57-1	ug/L	10/11/2012								<0.032																		
Dieldrin	60-57-1	ug/L	3/30/2013																							<0.032	<0.032		
Dieldrin	60-57-1	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Dieldrin	60-57-1	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Dieldrin	60-57-1	ug/L	4/4/2016									<0.032					0.00256J	<0.032											
Dieldrin	60-57-1	ug/L	5/1/2018																		<0.0333	<0.0323							
Dieldrin	60-57-1	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Dieldrin	60-57-1	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
Dieldrin	60-57-1	ug/L	6/24/2020		0.003J																								
Dieldrin	60-57-1	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Dieldrin	60-57-1	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Dieldrin	60-57-1	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
Dieldrin	60-57-1	ug/L	4/24/2025													<0.0921													
Dieldrin	60-57-1	ug/L	5/5/2025						<0.0895																				
Dieldrin	60-57-1	ug/L	5/6/2025										<0.0907		<0.0902														
Dieldrin	60-57-1	ug/L	5/7/2025				<0.0907													<0.0904									
Dieldrin	60-57-1	ug/L	5/8/2025			<0.0882		<0.0904																					
Dieldrin	60-57-1	ug/L	5/4/2026														<0.117												
Dieldrin	60-57-1	ug/L	5/6/2026															<0.119											
Diethyl phthalate	84-66-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Diethyl phthalate	84-66-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Diethyl phthalate	84-66-2	ug/L	4/4/2011									<10					<10	<10											
Diethyl phthalate	84-66-2	ug/L	3/30/2013																							<10	<10		
Diethyl phthalate	84-66-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Diethyl phthalate	84-66-2	ug/L	6/2/2014																					<10.1					
Diethyl phthalate	84-66-2	ug/L	10/15/2014																					<10					
Diethyl phthalate	84-66-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Diethyl phthalate	84-66-2	ug/L	4/4/2016									<10					<10	<10											
Diethyl phthalate	84-66-2	ug/L	5/1/2018																		<10.4	<10.3							
Diethyl phthalate	84-66-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Diethyl phthalate	84-66-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Diethyl phthalate	84-66-2	ug/L	6/24/2020		<10.4																								
Diethyl phthalate	84-66-2	ug/L	10/20/2021		<8							<8					<8	<8											
Diethyl phthalate	84-66-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Diethyl phthalate	84-66-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Diethyl phthalate	84-66-2	ug/L	4/24/2025													<10.4													
Diethyl phthalate	84-66-2	ug/L	5/5/2025						<10.2																				
Diethyl phthalate	84-66-2	ug/L	5/6/2025										<10.4		<10.6														
Diethyl phthalate	84-66-2	ug/L	5/7/2025				<10.2													<10.6									
Diethyl phthalate	84-66-2	ug/L	5/8/2025			<9.80		<10.6																					
Diethyl phthalate	84-66-2	ug/L	5/4/2026														<10.9												
Diethyl phthalate	84-66-2	ug/L	5/6/2026															<10.4											
Dimethoate	60-51-5	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Dimethoate	60-51-5	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Dimethoate	60-51-5	ug/L	4/4/2011									<10					<10	<10											
Dimethoate	60-51-5	ug/L	3/30/2013																							<10	<10		
Dimethoate	60-51-5	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Dimethoate	60-51-5	ug/L	6/2/2014																					<10.1					
Dimethoate	60-51-5	ug/L	10/15/2014																					<10					
Dimethoate	60-51-5	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Dimethoate	60-51-5	ug/L	4/4/2016									<10					<10	<10											
Dimethoate	60-51-5	ug/L	5/1/2018																		<10.4	<10.3							
Dimethoate	60-51-5	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Dimethoate	60-51-5	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Dimethoate	60-51-5	ug/L	6/24/2020		<10.4																								
Dimethoate	60-51-5	ug/L	10/20/2021		<0.4							<0.4					<0.4	<0.4											
Dimethoate	60-51-5	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Dimethoate	60-51-5	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Dimethoate	60-51-5	ug/L	4/24/2025													<10.4													
Dimethoate	60-51-5	ug/L	5/5/2025						<10.2																				
Dimethoate	60-51-5	ug/L	5/6/2025										<10.4		<10.6														
Dimethoate	60-51-5	ug/L	5/7/2025				<10.2													<10.6									
Dimethoate	60-51-5	ug/L	5/8/2025			<9.80		<10.6																					
Dimethoate	60-51-5	ug/L	5/4/2026														<10.9												
Dimethoate	60-51-5	ug/L	5/6/2026															<10.4											
Dimethyl phthalate	131-11-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Dimethyl phthalate	131-11-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Dimethyl phthalate	131-11-3	ug/L	4/4/2011									<10					<10	<10											
Dimethyl phthalate	131-11-3	ug/L	3/30/2013																							<10	<10		
Dimethyl phthalate	131-11-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Dimethyl phthalate	131-11-3	ug/L	6/2/2014																					<10.1					
Dimethyl phthalate	131-11-3	ug/L	10/15/2014																					<10					
Dimethyl phthalate	131-11-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Dimethyl phthalate	131-11-3	ug/L	4/4/2016									<10					<10	<10											
Dimethyl phthalate	131-11-3	ug/L	5/1/2018																		<10.4	<10.3							
Dimethyl phthalate	131-11-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Dimethyl phthalate	131-11-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Dimethyl phthalate	131-11-3	ug/L	6/24/2020		<10.4																								
Dimethyl phthalate	131-11-3	ug/L	10/20/2021		<8							<8					<8	<8											
Dimethyl phthalate	131-11-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Dimethyl phthalate	131-11-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Dimethyl phthalate	131-11-3	ug/L	4/24/2025													<10.4													
Dimethyl phthalate	131-11-3	ug/L	5/5/2025						<10.2																				
Dimethyl phthalate	131-11-3	ug/L	5/6/2025										<10.4		<10.6														
Dimethyl phthalate	131-11-3	ug/L	5/7/2025				<10.2													<10.6									
Dimethyl phthalate	131-11-3	ug/L	5/8/2025			<9.80		<10.6																					
Dimethyl phthalate	131-11-3	ug/L	5/4/2026														<10.9												
Dimethyl phthalate	131-11-3	ug/L	5/6/2026															<10.4											
Dimethylaminoazobenzene	60-11-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Dimethylaminoazobenzene	60-11-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Dimethylaminoazobenzene	60-11-7	ug/L	4/4/2011									<10					<10	<10											
Dimethylaminoazobenzene	60-11-7	ug/L	3/30/2013																							<10	<10		
Dimethylaminoazobenzene	60-11-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Dimethylaminoazobenzene	60-11-7	ug/L	6/2/2014																					<10.1					
Dimethylaminoazobenzene	60-11-7	ug/L	10/15/2014																					<10					
Dimethylaminoazobenzene	60-11-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Dimethylaminoazobenzene	60-11-7	ug/L	4/4/2016									<10					<10	<10											
Dimethylaminoazobenzene	60-11-7	ug/L	5/1/2018																		<10.4	<10.3							
Dimethylaminoazobenzene	60-11-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Dimethylaminoazobenzene	60-11-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Dimethylaminoazobenzene	60-11-7	ug/L	6/24/2020		<10.4																								
Dimethylaminoazobenzene	60-11-7	ug/L	10/20/2021		<8							<8					<8	<8											
Dimethylaminoazobenzene	60-11-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Dinoseb	88-85-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Dinoseb	88-85-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Dinoseb	88-85-7	ug/L	4/4/2011									<10					<10	<10											
Dinoseb	88-85-7	ug/L	3/30/2013																							<10	<10		
Dinoseb	88-85-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Dinoseb	88-85-7	ug/L	6/2/2014																					<10.1					
Dinoseb	88-85-7	ug/L	10/15/2014																					<10					
Dinoseb	88-85-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Dinoseb	88-85-7	ug/L	4/4/2016									<10					<10	<10											
Dinoseb	88-85-7	ug/L	5/1/2018																		<10.4	<10.3							
Dinoseb	88-85-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Dinoseb	88-85-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Dinoseb	88-85-7	ug/L	6/24/2020		<10.4																								
Dinoseb	88-85-7	ug/L	10/20/2021		<0.5							<0.5					<0.5	<0.5											
Dinoseb	88-85-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Dinoseb	88-85-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Dinoseb	88-85-7	ug/L	4/24/2025													<10.4													
Dinoseb	88-85-7	ug/L	5/5/2025						<10.2																				
Dinoseb	88-85-7	ug/L	5/6/2025										<10.4		<10.6														
Dinoseb	88-85-7	ug/L	5/7/2025				<10.2													<10.6									
Dinoseb	88-85-7	ug/L	5/8/2025			<9.80		<10.6																					
Diphenylamine	122-39-4	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Diphenylamine	122-39-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Diphenylamine	122-39-4	ug/L	4/4/2011									<10					<10	<10											
Diphenylamine	122-39-4	ug/L	3/30/2013																							<10	<10		
Diphenylamine	122-39-4	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Diphenylamine	122-39-4	ug/L	6/2/2014																					<10.1					
Diphenylamine	122-39-4	ug/L	10/15/2014																					<10					
Diphenylamine	122-39-4	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Diphenylamine	122-39-4	ug/L	4/4/2016									<10					<10	<10											
Diphenylamine	122-39-4	ug/L	5/1/2018																		<10.4	<10.3							
Diphenylamine	122-39-4	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Diphenylamine	122-39-4	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Diphenylamine	122-39-4	ug/L	6/24/2020		<10.4																								
Diphenylamine	122-39-4	ug/L	10/20/2021		<8							<8					<8	<8											
Diphenylamine	122-39-4	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Diphenylamine	122-39-4	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Diphenylamine	122-39-4	ug/L	4/24/2025													<10.4													
Diphenylamine	122-39-4	ug/L	5/5/2025						<10.2																				
Diphenylamine	122-39-4	ug/L	5/6/2025										<10.4		<10.6														
Diphenylamine	122-39-4	ug/L	5/7/2025				<10.2													<10.6									
Diphenylamine	122-39-4	ug/L	5/8/2025			<9.80		<10.6																					
Disulfoton	298-04-4	ug/L	4/14/2009	<70		<70	<70	<70	<70	<70																			
Disulfoton	298-04-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Disulfoton	298-04-4	ug/L	4/4/2011									<10					<10	<10											
Disulfoton	298-04-4	ug/L	3/30/2013																							<10	<10		
Disulfoton	298-04-4	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Disulfoton	298-04-4	ug/L	6/2/2014																					<10.1					
Disulfoton	298-04-4	ug/L	10/15/2014																					<10					
Disulfoton	298-04-4	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Disulfoton	298-04-4	ug/L	4/4/2016									<10					<10	<10											
Disulfoton	298-04-4	ug/L	5/1/2018																		<10.4	<10.3							
Disulfoton	298-04-4	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Disulfoton	298-04-4	ug/L	3/30/2020	<10.4		<10.8	1.06J	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Disulfoton	298-04-4	ug/L	6/24/2020		<10.4																								
Disulfoton	298-04-4	ug/L	10/20/2021		<0.4							<0.4					<0.4	<0.4											
Disulfoton	298-04-4	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Disulfoton	298-04-4	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Disulfoton	298-04-4	ug/L	4/24/2025													<10.4													
Disulfoton	298-04-4	ug/L	5/5/2025						<10.2																				
Disulfoton	298-04-4	ug/L	5/6/2025										<10.4		<10.6														
Disulfoton	298-04-4	ug/L	5/7/2025				<10.2													<10.6									
Disulfoton	298-04-4	ug/L	5/8/2025			<9.80		<10.6																					

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Disulfoton	298-04-4	ug/L	5/4/2026														<10.9												
Disulfoton	298-04-4	ug/L	5/6/2026															<10.4												
Endosulfan I	959-98-8	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Endosulfan I	959-98-8	ug/L	10/25/2009							<0.032																			
Endosulfan I	959-98-8	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Endosulfan I	959-98-8	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Endosulfan I	959-98-8	ug/L	10/11/2012								<0.032																		
Endosulfan I	959-98-8	ug/L	3/30/2013																							<0.032	<0.032		
Endosulfan I	959-98-8	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Endosulfan I	959-98-8	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Endosulfan I	959-98-8	ug/L	4/4/2016									<0.032					<0.032	<0.032											
Endosulfan I	959-98-8	ug/L	5/1/2018																		<0.0333	<0.0323							
Endosulfan I	959-98-8	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Endosulfan I	959-98-8	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				0.00313J	<0.0333	<0.0333	0.00258J			<0.033	<0.033									
Endosulfan I	959-98-8	ug/L	6/24/2020		<0.0337																								
Endosulfan I	959-98-8	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Endosulfan I	959-98-8	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Endosulfan I	959-98-8	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
Endosulfan I	959-98-8	ug/L	4/24/2025													<0.0921													
Endosulfan I	959-98-8	ug/L	5/5/2025						<0.0895																				
Endosulfan I	959-98-8	ug/L	5/6/2025										<0.0907		<0.0902														
Endosulfan I	959-98-8	ug/L	5/7/2025				<0.0907													<0.0904									
Endosulfan I	959-98-8	ug/L	5/8/2025			<0.0882		<0.0904																					
Endosulfan I	959-98-8	ug/L	5/4/2026														<0.117												
Endosulfan I	959-98-8	ug/L	5/6/2026															<0.119											
Endosulfan II	33213-65-9	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Endosulfan II	33213-65-9	ug/L	10/25/2009							<0.032																			
Endosulfan II	33213-65-9	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Endosulfan II	33213-65-9	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Endosulfan II	33213-65-9	ug/L	10/11/2012								<0.032																		
Endosulfan II	33213-65-9	ug/L	3/30/2013																							<0.032	<0.032		
Endosulfan II	33213-65-9	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Endosulfan II	33213-65-9	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Endosulfan II	33213-65-9	ug/L	4/4/2016									<0.032					<0.032	<0.032											
Endosulfan II	33213-65-9	ug/L	5/1/2018																		<0.0333	<0.0323							
Endosulfan II	33213-65-9	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Endosulfan II	33213-65-9	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
Endosulfan II	33213-65-9	ug/L	6/24/2020		<0.0337																								
Endosulfan II	33213-65-9	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Endosulfan II	33213-65-9	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Endosulfan II	33213-65-9	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
Endosulfan II	33213-65-9	ug/L	4/24/2025													<0.0921													
Endosulfan II	33213-65-9	ug/L	5/5/2025						<0.0895																				
Endosulfan II	33213-65-9	ug/L	5/6/2025										<0.0907		<0.0902														
Endosulfan II	33213-65-9	ug/L	5/7/2025				<0.0907													<0.0904									
Endosulfan II	33213-65-9	ug/L	5/8/2025			<0.0882		<0.0904																					
Endosulfan II	33213-65-9	ug/L	5/4/2026														<0.117												
Endosulfan II	33213-65-9	ug/L	5/6/2026															<0.119											
Endosulfan sulfate	1031-07-8	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Endosulfan sulfate	1031-07-8	ug/L	10/25/2009							<0.032																			
Endosulfan sulfate	1031-07-8	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Endosulfan sulfate	1031-07-8	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Endosulfan sulfate	1031-07-8	ug/L	10/11/2012								<0.032																		
Endosulfan sulfate	1031-07-8	ug/L	3/30/2013																							<0.032	<0.032		
Endosulfan sulfate	1031-07-8	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Endosulfan sulfate	1031-07-8	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Endosulfan sulfate	1031-07-8	ug/L	4/4/2016									<0.032					0.01J	<0.032											
Endosulfan sulfate	1031-07-8	ug/L	5/1/2018																		<0.0333	<0.0323							
Endosulfan sulfate	1031-07-8	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Endosulfan sulfate	1031-07-8	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
Endosulfan sulfate	1031-07-8	ug/L	6/24/2020		<0.0337																								
Endosulfan sulfate	1031-07-8	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Endosulfan sulfate	1031-07-8	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Endosulfan sulfate	1031-07-8	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
Endosulfan sulfate	1031-07-8	ug/L	4/24/2025													<0.0921													
Endosulfan sulfate	1031-07-8	ug/L	5/5/2025						<0.0895																				
Endosulfan sulfate	1031-07-8	ug/L	5/6/2025										<0.0907		<0.0902														
Endosulfan sulfate	1031-07-8	ug/L	5/7/2025				<0.0907													<0.0904									
Endosulfan sulfate	1031-07-8	ug/L	5/8/2025			<0.0882		<0.0904																					
Endosulfan sulfate	1031-07-8	ug/L	5/4/2026														<0.117												
Endosulfan sulfate	1031-07-8	ug/L	5/6/2026															<0.119											
Endrin	72-20-8	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Endrin	72-20-8	ug/L	10/25/2009							<0.032																			
Endrin	72-20-8	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Endrin	72-20-8	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Endrin	72-20-8	ug/L	10/11/2012								<0.032																		
Endrin	72-20-8	ug/L	3/30/2013																							<0.032	<0.032		
Endrin	72-20-8	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Endrin	72-20-8	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Endrin	72-20-8	ug/L	4/4/2016									<0.032					<0.032	<0.032											
Endrin	72-20-8	ug/L	5/1/2018																		<0.0333	<0.0323							
Endrin	72-20-8	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Endrin	72-20-8	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
Endrin	72-20-8	ug/L	6/24/2020		<0.0337																								
Endrin	72-20-8	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Endrin	72-20-8	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Endrin	72-20-8	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
Endrin	72-20-8	ug/L	4/24/2025													<0.0921													
Endrin	72-20-8	ug/L	5/5/2025						<0.0895																				
Endrin	72-20-8	ug/L	5/6/2025										<0.0907		<0.0902														
Endrin	72-20-8	ug/L	5/7/2025				<0.0907													<0.0904									
Endrin	72-20-8	ug/L	5/8/2025			<0.0882		<0.0904																					
Endrin	72-20-8	ug/L	5/4/2026														<0.117												
Endrin	72-20-8	ug/L	5/6/2026															<0.119											
Endrin aldehyde	7421-93-4	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Endrin aldehyde	7421-93-4	ug/L	10/25/2009							<0.032																			
Endrin aldehyde	7421-93-4	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Endrin aldehyde	7421-93-4	ug/L	1/10/2011							<0.032																			
Endrin aldehyde	7421-93-4	ug/L	4/4/2011							<0.032		<0.032					<0.032	<0.032											
Endrin aldehyde	7421-93-4	ug/L	7/8/2011							<0.032																			
Endrin aldehyde	7421-93-4	ug/L	8/11/2011							<0.032																			
Endrin aldehyde	7421-93-4	ug/L	12/5/2011							<0.032																			
Endrin aldehyde	7421-93-4	ug/L	4/11/2012							<0.032																			
Endrin aldehyde	7421-93-4	ug/L	10/11/2012								<0.032																		
Endrin aldehyde	7421-93-4	ug/L	12/13/2012								<0.05																		
Endrin aldehyde	7421-93-4	ug/L	2/4/2013								<0.032																		
Endrin aldehyde	7421-93-4	ug/L	3/30/2013								<0.032															<0.032	<0.032		
Endrin aldehyde	7421-93-4	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Endrin aldehyde	7421-93-4	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Endrin aldehyde	7421-93-4	ug/L	4/4/2016									<0.032					<0.032	<0.032											
Endrin aldehyde	7421-93-4	ug/L	5/1/2018																		<0.0333	<0.0323							
Endrin aldehyde	7421-93-4	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Endrin aldehyde	7421-93-4	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
Endrin aldehyde	7421-93-4	ug/L	6/24/2020		<0.0337																								
Endrin aldehyde	7421-93-4	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Endrin aldehyde	7421-93-4	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Endrin aldehyde	7421-93-4	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
Endrin aldehyde	7421-93-4	ug/L	4/24/2025													<0.0921													
Endrin aldehyde	7421-93-4	ug/L	5/5/2025						<0.0895																				
Endrin aldehyde	7421-93-4	ug/L	5/6/2025										<0.0907		<0.0902														
Endrin aldehyde	7421-93-4	ug/L	5/7/2025				<0.0907													<0.0904									
Endrin aldehyde	7421-93-4	ug/L	5/8/2025			<0.0882		<0.0904																					
Endrin aldehyde	7421-93-4	ug/L	5/4/2026														<0.488												
Endrin aldehyde	7421-93-4	ug/L	5/6/2026															<0.494											
Ethyl Methacrylate	97-63-2	ug/L	4/14/2009	<2		<2	<2	<2	<2	<2																			
Ethyl Methacrylate	97-63-2	ug/L	5/10/2010	<20		<20	<20	<20	<20	<20			<20	<20	<20	<20			<20	<20									
Ethyl Methacrylate	97-63-2	ug/L	4/4/2011									<2					<2	<4											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Ethyl Methacrylate	97-63-2	ug/L	10/11/2012								<2																		
Ethyl Methacrylate	97-63-2	ug/L	3/30/2013																							<2	<2		
Ethyl Methacrylate	97-63-2	ug/L	7/10/2013																		<2	<2	<2	<2	<2				
Ethyl Methacrylate	97-63-2	ug/L	10/5/2015	<2		<2	<2	<2	<2				<2	<2	<2	<2			<2	<2									
Ethyl Methacrylate	97-63-2	ug/L	4/4/2016									<2					<2	<2											
Ethyl Methacrylate	97-63-2	ug/L	5/1/2018																		<2	<2							
Ethyl Methacrylate	97-63-2	ug/L	5/2/2018																				<2	<2	<2				
Ethyl Methacrylate	97-63-2	ug/L	3/30/2020	<2		<2	<2	<2	<2				<2	<2	<2	<2			<2	<2									
Ethyl Methacrylate	97-63-2	ug/L	6/24/2020		<2																								
Ethyl Methacrylate	97-63-2	ug/L	10/20/2021		<10							<10					<10	<10											
Ethyl Methacrylate	97-63-2	ug/L	5/1/2023																		<2	<2	<2	<2	<2				
Ethyl Methanesulfonate	62-50-0	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Ethyl Methanesulfonate	62-50-0	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Ethyl Methanesulfonate	62-50-0	ug/L	4/4/2011									<10					<10	<10											
Ethyl Methanesulfonate	62-50-0	ug/L	3/30/2013																							<10	<10		
Ethyl Methanesulfonate	62-50-0	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Ethyl Methanesulfonate	62-50-0	ug/L	6/2/2014																					<10.1					
Ethyl Methanesulfonate	62-50-0	ug/L	10/15/2014																					<10					
Ethyl Methanesulfonate	62-50-0	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Ethyl Methanesulfonate	62-50-0	ug/L	4/4/2016									<10					<10	<10											
Ethyl Methanesulfonate	62-50-0	ug/L	5/1/2018																		<10.4	<10.3							
Ethyl Methanesulfonate	62-50-0	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Ethyl Methanesulfonate	62-50-0	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Ethyl Methanesulfonate	62-50-0	ug/L	6/24/2020		<10.4																								
Ethyl Methanesulfonate	62-50-0	ug/L	10/20/2021		<8							<8					<8	<8											
Ethyl Methanesulfonate	62-50-0	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Ethyl Parathion	56-38-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Ethyl Parathion	56-38-2	ug/L	4/24/2025													<10.4													
Ethyl Parathion	56-38-2	ug/L	5/5/2025						<10.2																				
Ethyl Parathion	56-38-2	ug/L	5/6/2025										<10.4		<10.6														
Ethyl Parathion	56-38-2	ug/L	5/7/2025				<10.2													<10.6									
Ethyl Parathion	56-38-2	ug/L	5/8/2025			<9.80		<10.6																					
Ethyl Parathion	56-38-2	ug/L	5/4/2026														<10.9												
Ethyl Parathion	56-38-2	ug/L	5/6/2026															<10.4											
Ethyl methacrylate	97-63-2	ug/L	4/23/2025	<2.00										<2.00					<2.00										
Ethyl methacrylate	97-63-2	ug/L	4/24/2025													<2.00													
Ethyl methacrylate	97-63-2	ug/L	5/5/2025						<2.00																				
Ethyl methacrylate	97-63-2	ug/L	5/6/2025										<2.00		<2.00														
Ethyl methacrylate	97-63-2	ug/L	5/7/2025				<2.00													<2.00									
Ethyl methacrylate	97-63-2	ug/L	5/8/2025			<2.00		<2.00																					
Ethyl methacrylate	97-63-2	ug/L	5/4/2026														<2.00												
Ethyl methacrylate	97-63-2	ug/L	5/6/2026															<2.00											
Ethyl methanesulfonate	62-50-0	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Ethyl methanesulfonate	62-50-0	ug/L	4/24/2025													<10.4													
Ethyl methanesulfonate	62-50-0	ug/L	5/5/2025						<10.2																				
Ethyl methanesulfonate	62-50-0	ug/L	5/6/2025										<10.4		<10.6														
Ethyl methanesulfonate	62-50-0	ug/L	5/7/2025				<10.2													<10.6									
Ethyl methanesulfonate	62-50-0	ug/L	5/8/2025			<9.80		<10.6																					
Ethyl methanesulfonate	62-50-0	ug/L	5/4/2026														<10.9												
Ethyl methanesulfonate	62-50-0	ug/L	5/6/2026															<10.4											
Ethylbenzene	100-41-4	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
Ethylbenzene	100-41-4	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
Ethylbenzene	100-41-4	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
Ethylbenzene	100-41-4	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
Ethylbenzene	100-41-4	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
Ethylbenzene	100-41-4	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
Ethylbenzene	100-41-4	ug/L	7/7/2009										<1	<1	<1	5.01			<1	<1									
Ethylbenzene	100-41-4	ug/L	9/2/2009										<1	<1	<1	1.77			<1	<1									
Ethylbenzene	100-41-4	ug/L	10/25/2009	<2		<1	<2	<2	<1	<1			<2	<2	<2	1.93			<1	<1									
Ethylbenzene	100-41-4	ug/L	1/2/2010										<1	<1	<1	<1			<1	<1									
Ethylbenzene	100-41-4	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
Ethylbenzene	100-41-4	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	1.38	<1	<1	<1	<1									
Ethylbenzene	100-41-4	ug/L	7/8/2010							<1		<1				1.01	<1	<1											
Ethylbenzene	100-41-4	ug/L	9/13/2010							<1		<1				1.2	<1	<1											
Ethylbenzene	100-41-4	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
Ethylbenzene	100-41-4	ug/L	1/10/2011							<1		<1				<1	<1	<1											
Ethylbenzene	100-41-4	ug/L	4/4/2011							<1		<1				<1	<1	<1											
Ethylbenzene	100-41-4	ug/L	8/11/2011																							<1			
Ethylbenzene	100-41-4	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Ethylbenzene	100-41-4	ug/L	12/5/2011				<1													<1						<1			
Ethylbenzene	100-41-4	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Ethylbenzene	100-41-4	ug/L	6/25/2012					<1		<1																<1	<1		
Ethylbenzene	100-41-4	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
Ethylbenzene	100-41-4	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Ethylbenzene	100-41-4	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
Ethylbenzene	100-41-4	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Ethylbenzene	100-41-4	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
Ethylbenzene	100-41-4	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	4/20/2018											<1					<1	<1									
Ethylbenzene	100-41-4	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
Ethylbenzene	100-41-4	ug/L	4/25/2018						<1																				
Ethylbenzene	100-41-4	ug/L	4/30/2018			<1	<1	<1										<1											
Ethylbenzene	100-41-4	ug/L	5/1/2018								<1										<1	<1							
Ethylbenzene	100-41-4	ug/L	5/2/2018																				<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	6/24/2020		<1																								
Ethylbenzene	100-41-4	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	1/21/2021		<1																								
Ethylbenzene	100-41-4	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/9/2024		<1.00								<1.00														<1.00		
Ethylbenzene	100-41-4	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
Ethylbenzene	100-41-4	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
Ethylbenzene	100-41-4	ug/L	10/15/2024																				<1.00		<1.00				
Ethylbenzene	100-41-4	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Ethylbenzene	100-41-4	ug/L	4/24/2025													<1.00													
Ethylbenzene	100-41-4	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
Ethylbenzene	100-41-4	ug/L	5/5/2025						<1.00																			<1.00	
Ethylbenzene	100-41-4	ug/L	5/6/2025										<1.00		<1.00														
Ethylbenzene	100-41-4	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
Ethylbenzene	100-41-4	ug/L	5/8/2025			<1.00		<1.00																					<1.00
Ethylbenzene	100-41-4	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
Ethylbenzene	100-41-4	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
Ethylbenzene	100-41-4	ug/L	10/22/2025		<1.00							<1.00	<1.00																
Ethylbenzene	100-41-4	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
Ethylbenzene	100-41-4	ug/L	10/24/2025																										<1.00
Ethylbenzene	100-41-4	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
Ethylbenzene	100-41-4	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
Ethylbenzene	100-41-4	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
Ethylbenzene	100-41-4	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Famphur	52-85-7	ug/L	4/14/2009	<20		<20	<20	<20	<20	<20																			
Famphur	52-85-7	ug/L	5/10/2010	<20		<20	<20	<20	<20	<20			<20	<20	<20	<20			<20	<20									
Famphur	52-85-7	ug/L	4/4/2011									<20					<20	<20											
Famphur	52-85-7	ug/L	3/30/2013																						<20	<20			
Famphur	52-85-7	ug/L	7/10/2013																		<20.4	<20.2	<20.2	<213	<20.6				
Famphur	52-85-7	ug/L	6/2/2014																					<20.2					
Famphur	52-85-7	ug/L	10/15/2014																					<20					
Famphur	52-85-7	ug/L	10/5/2015	<20.8		<20	<21.1	<21.1	<20.2				<21.5	<21.3	<21.1	<20.6			<22.2	<20.2									
Famphur	52-85-7	ug/L	4/4/2016									<20					<20	<20											
Famphur	52-85-7	ug/L	5/1/2018																		<10.4	<10.3							
Famphur	52-85-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Famphur	52-85-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Famphur	52-85-7	ug/L	6/24/2020		<10.4																								
Famphur	52-85-7	ug/L	10/20/2021		<0.4							<0.4					<0.4	<0.4											
Famphur	52-85-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Famphur	52-85-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Famphur	52-85-7	ug/L	4/24/2025													<10.4													
Famphur	52-85-7	ug/L	5/5/2025						<10.2																				
Famphur	52-85-7	ug/L	5/6/2025										<10.4		<10.6														
Famphur	52-85-7	ug/L	5/7/2025				<10.2													<10.6									
Famphur	52-85-7	ug/L	5/8/2025			<9.80		<10.6																					
Famphur	52-85-7	ug/L	5/4/2026														<10.9												
Famphur	52-85-7	ug/L	5/6/2026															<10.4											
Fluoranthene	206-44-0	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Fluoranthene	206-44-0	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Fluoranthene	206-44-0	ug/L	4/4/2011									<10					<10	<10											
Fluoranthene	206-44-0	ug/L	3/30/2013																						<10	<10			
Fluoranthene	206-44-0	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Fluoranthene	206-44-0	ug/L	6/2/2014																					<10.1					
Fluoranthene	206-44-0	ug/L	10/15/2014																					<10					
Fluoranthene	206-44-0	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Fluoranthene	206-44-0	ug/L	4/4/2016									<10					<10	<10											
Fluoranthene	206-44-0	ug/L	5/1/2018																		<10.4	<10.3							
Fluoranthene	206-44-0	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Fluoranthene	206-44-0	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Fluoranthene	206-44-0	ug/L	6/24/2020		<10.4																								
Fluoranthene	206-44-0	ug/L	10/20/2021		<8							<8					<8	<8											
Fluoranthene	206-44-0	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Fluoranthene	206-44-0	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Fluoranthene	206-44-0	ug/L	4/24/2025													<10.4													
Fluoranthene	206-44-0	ug/L	5/5/2025						<10.2																				
Fluoranthene	206-44-0	ug/L	5/6/2025										<10.4		<10.6														
Fluoranthene	206-44-0	ug/L	5/7/2025				<10.2													<10.6									
Fluoranthene	206-44-0	ug/L	5/8/2025			<9.80		<10.6																					
Fluoranthene	206-44-0	ug/L	5/4/2026														<10.9												
Fluoranthene	206-44-0	ug/L	5/6/2026															<10.4											
Fluorene	86-73-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Fluorene	86-73-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Fluorene	86-73-7	ug/L	4/4/2011									<10					<10	<10											
Fluorene	86-73-7	ug/L	3/30/2013																						<10	<10			
Fluorene	86-73-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Fluorene	86-73-7	ug/L	6/2/2014																					<10.1					
Fluorene	86-73-7	ug/L	10/15/2014																					<10					
Fluorene	86-73-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Fluorene	86-73-7	ug/L	4/4/2016									<10					<10	<10											
Fluorene	86-73-7	ug/L	5/1/2018																		<10.4	<10.3							
Fluorene	86-73-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Fluorene	86-73-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Fluorene	86-73-7	ug/L	6/24/2020		<10.4																								
Fluorene	86-73-7	ug/L	10/20/2021		<8							<8					<8	<8											
Fluorene	86-73-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Fluorene	86-73-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Fluorene	86-73-7	ug/L	4/24/2025													<10.4													
Fluorene	86-73-7	ug/L	5/5/2025						<10.2																				
Fluorene	86-73-7	ug/L	5/6/2025										<10.4		<10.6														
Fluorene	86-73-7	ug/L	5/7/2025				<10.2													<10.6									
Fluorene	86-73-7	ug/L	5/8/2025			<9.80		<10.6																					
Fluorene	86-73-7	ug/L	5/4/2026														<10.9												
Fluorene	86-73-7	ug/L	5/6/2026															<10.4											
Gamma-BHC [Lindane]	58-89-9	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Gamma-BHC [Lindane]	58-89-9	ug/L	10/25/2009							<0.032																			
Gamma-BHC [Lindane]	58-89-9	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Gamma-BHC [Lindane]	58-89-9	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Gamma-BHC [Lindane]	58-89-9	ug/L	10/11/2012								<0.032																		
Gamma-BHC [Lindane]	58-89-9	ug/L	3/30/2013																						<0.032	<0.032			
Gamma-BHC [Lindane]	58-89-9	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Gamma-BHC [Lindane]	58-89-9	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	0.00274J			<0.0348	<0.0323									
Gamma-BHC [Lindane]	58-89-9	ug/L	4/4/2016									<0.032					0.00253J	<0.032											
Gamma-BHC [Lindane]	58-89-9	ug/L	5/1/2018																		<0.0333	<0.0323							
Gamma-BHC [Lindane]	58-89-9	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Gamma-BHC [Lindane]	58-89-9	ug/L	3/30/2020	<0.0333		<0.0337	0.00234J	<0.0344	0.00201J				<0.0337	<0.0333	<0.0333	0.00228J			<0.033	<0.033									
Gamma-BHC [Lindane]	58-89-9	ug/L	6/24/2020		<0.0337																								
Gamma-BHC [Lindane]	58-89-9	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Gamma-BHC [Lindane]	58-89-9	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Gamma-Chlordane	5566-34-7	ug/L	5/10/2010			<0.032		<0.032		<0.032									<0.032										
Heptachlor	76-44-8	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Heptachlor	76-44-8	ug/L	10/25/2009							<0.032																			
Heptachlor	76-44-8	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Heptachlor	76-44-8	ug/L	7/8/2010							<0.032																			
Heptachlor	76-44-8	ug/L	9/13/2010							<0.032																			
Heptachlor	76-44-8	ug/L	11/1/2010							<0.032																			
Heptachlor	76-44-8	ug/L	1/10/2011							<0.032																			
Heptachlor	76-44-8	ug/L	4/4/2011							<0.032		<0.032					<0.032	<0.032											
Heptachlor	76-44-8	ug/L	4/11/2012							<0.032																			
Heptachlor	76-44-8	ug/L	10/11/2012								<0.032																		
Heptachlor	76-44-8	ug/L	12/13/2012								<0.05																		
Heptachlor	76-44-8	ug/L	2/4/2013								<0.032																		
Heptachlor	76-44-8	ug/L	3/30/2013																						<0.032	<0.032			
Heptachlor	76-44-8	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Heptachlor	76-44-8	ug/L	10/5/2015	0.00666J		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Heptachlor	76-44-8	ug/L	4/4/2016									<0.032					0.00388J	<0.032											
Heptachlor	76-44-8	ug/L	5/1/2018																		<0.0333	<0.0323							
Heptachlor	76-44-8	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Heptachlor	76-44-8	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
Heptachlor	76-44-8	ug/L	6/24/2020		<0.0337																								
Heptachlor	76-44-8	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Heptachlor	76-44-8	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Heptachlor	76-44-8	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
Heptachlor	76-44-8	ug/L	4/24/2025													<0.0921													
Heptachlor	76-44-8	ug/L	5/5/2025						<0.0895																				
Heptachlor	76-44-8	ug/L	5/6/2025										<0.0907		<0.0902														
Heptachlor	76-44-8	ug/L	5/7/2025				<0.0907													<0.0904									
Heptachlor	76-44-8	ug/L	5/8/2025			<0.0882		<0.0904																					
Heptachlor	76-44-8	ug/L	5/4/2026														<0.117												
Heptachlor	76-44-8	ug/L	5/6/2026															<0.119											
Heptachlor Epoxide	1024-57-3	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Heptachlor Epoxide	1024-57-3	ug/L	10/25/2009							<0.032																			
Heptachlor Epoxide	1024-57-3	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Heptachlor Epoxide	1024-57-3	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Heptachlor Epoxide	1024-57-3	ug/L	10/11/2012								<0.032																		
Heptachlor Epoxide	1024-57-3	ug/L	3/30/2013																						<0.032	<0.032			
Heptachlor Epoxide	1024-57-3	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Heptachlor Epoxide	1024-57-3	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Heptachlor Epoxide	1024-57-3	ug/L	4/4/2016									<0.032					<0.032	<0.032											
Heptachlor Epoxide	1024-57-3	ug/L	5/1/2018																		<0.0333	<0.0323							
Heptachlor Epoxide	1024-57-3	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Heptachlor Epoxide	1024-57-3	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Heptachlor Epoxide	1024-57-3	ug/L	6/24/2020		<0.0337																								
Heptachlor Epoxide	1024-57-3	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Heptachlor Epoxide	1024-57-3	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Heptachlor epoxide	1024-57-3	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
Heptachlor epoxide	1024-57-3	ug/L	4/24/2025													<0.0921													
Heptachlor epoxide	1024-57-3	ug/L	5/5/2025						<0.0895																				
Heptachlor epoxide	1024-57-3	ug/L	5/6/2025										<0.0907		<0.0902														
Heptachlor epoxide	1024-57-3	ug/L	5/7/2025				<0.0907													<0.0904									
Heptachlor epoxide	1024-57-3	ug/L	5/8/2025			<0.0882		<0.0904																					
Heptachlor epoxide	1024-57-3	ug/L	5/4/2026														<0.117												
Heptachlor epoxide	1024-57-3	ug/L	5/6/2026															<0.119											
Hexachlorobenzene	118-74-1	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Hexachlorobenzene	118-74-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Hexachlorobenzene	118-74-1	ug/L	4/4/2011									<10					<10	<10											
Hexachlorobenzene	118-74-1	ug/L	3/30/2013																							<10	<10		
Hexachlorobenzene	118-74-1	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Hexachlorobenzene	118-74-1	ug/L	6/2/2014																					<10.1					
Hexachlorobenzene	118-74-1	ug/L	10/15/2014																					<10					
Hexachlorobenzene	118-74-1	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Hexachlorobenzene	118-74-1	ug/L	4/4/2016									<10					<10	<10											
Hexachlorobenzene	118-74-1	ug/L	5/1/2018																		<10.4	<10.3							
Hexachlorobenzene	118-74-1	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Hexachlorobenzene	118-74-1	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Hexachlorobenzene	118-74-1	ug/L	6/24/2020		<10.4																								
Hexachlorobenzene	118-74-1	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Hexachlorobenzene	118-74-1	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Hexachlorobenzene	118-74-1	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Hexachlorobenzene	118-74-1	ug/L	4/24/2025													<10.4													
Hexachlorobenzene	118-74-1	ug/L	5/5/2025						<10.2																				
Hexachlorobenzene	118-74-1	ug/L	5/6/2025										<10.4		<10.6														
Hexachlorobenzene	118-74-1	ug/L	5/7/2025				<10.2													<10.6									
Hexachlorobenzene	118-74-1	ug/L	5/8/2025			<9.80		<10.6																					
Hexachlorobenzene	118-74-1	ug/L	5/4/2026														<10.9												
Hexachlorobenzene	118-74-1	ug/L	5/6/2026															<10.4											
Hexachlorobutadiene	87-68-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Hexachlorobutadiene	87-68-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Hexachlorobutadiene	87-68-3	ug/L	4/4/2011									<10					<10	<10											
Hexachlorobutadiene	87-68-3	ug/L	3/30/2013																							<10	<10		
Hexachlorobutadiene	87-68-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Hexachlorobutadiene	87-68-3	ug/L	6/2/2014																					<10.1					
Hexachlorobutadiene	87-68-3	ug/L	10/15/2014																					<10					
Hexachlorobutadiene	87-68-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Hexachlorobutadiene	87-68-3	ug/L	4/4/2016									<10					<10	<10											
Hexachlorobutadiene	87-68-3	ug/L	5/1/2018																		<10.4	<10.3							
Hexachlorobutadiene	87-68-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Hexachlorobutadiene	87-68-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Hexachlorobutadiene	87-68-3	ug/L	6/24/2020		<10.4																								
Hexachlorobutadiene	87-68-3	ug/L	10/20/2021		<8							<8					<8	<8											
Hexachlorobutadiene	87-68-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Hexachlorobutadiene	87-68-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Hexachlorobutadiene	87-68-3	ug/L	4/24/2025													<10.4													
Hexachlorobutadiene	87-68-3	ug/L	5/5/2025						<10.2																				
Hexachlorobutadiene	87-68-3	ug/L	5/6/2025										<10.4		<10.6														
Hexachlorobutadiene	87-68-3	ug/L	5/7/2025				<10.2													<10.6									
Hexachlorobutadiene	87-68-3	ug/L	5/8/2025			<9.80		<10.6																					
Hexachlorobutadiene	87-68-3	ug/L	5/4/2026														<10.9												
Hexachlorobutadiene	87-68-3	ug/L	5/6/2026															<10.4											
Hexachlorocyclopentadiene	77-47-4	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Hexachlorocyclopentadiene	77-47-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Hexachlorocyclopentadiene	77-47-4	ug/L	4/4/2011									<10					<10	<10											
Hexachlorocyclopentadiene	77-47-4	ug/L	3/30/2013																							<20	<20		
Hexachlorocyclopentadiene	77-47-4	ug/L	7/10/2013																		<20.4	<20.2	<20.2	<213	<20.6				
Hexachlorocyclopentadiene	77-47-4	ug/L	6/2/2014																					<20.2					
Hexachlorocyclopentadiene	77-47-4	ug/L	10/15/2014																					<20					
Hexachlorocyclopentadiene	77-47-4	ug/L	10/5/2015	<20.8		<20	<21.1	<21.1	<20.2				<21.5	<21.3	<21.1	<20.6			<22.2	<20.2									
Hexachlorocyclopentadiene	77-47-4	ug/L	4/4/2016									<20					<20	<20											
Hexachlorocyclopentadiene	77-47-4	ug/L	5/1/2018																		<10.4	<10.3							
Hexachlorocyclopentadiene	77-47-4	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Hexachlorocyclopentadiene	77-47-4	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Hexachlorocyclopentadiene	77-47-4	ug/L	6/24/2020		<10.4																								
Hexachlorocyclopentadiene	77-47-4	ug/L	10/20/2021		<8							<8					<8	<8											
Hexachlorocyclopentadiene	77-47-4	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Hexachlorocyclopentadiene	77-47-4	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Hexachlorocyclopentadiene	77-47-4	ug/L	4/24/2025													<10.4													
Hexachlorocyclopentadiene	77-47-4	ug/L	5/5/2025						<10.2																				
Hexachlorocyclopentadiene	77-47-4	ug/L	5/6/2025										<10.4		<10.6														
Hexachlorocyclopentadiene	77-47-4	ug/L	5/7/2025				<10.2													<10.6									
Hexachlorocyclopentadiene	77-47-4	ug/L	5/8/2025			<9.80		<10.6																					
Hexachlorocyclopentadiene	77-47-4	ug/L	5/4/2026														<10.9												
Hexachlorocyclopentadiene	77-47-4	ug/L	5/6/2026															<10.4											
Hexachloroethane	67-72-1	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Hexachloroethane	67-72-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Hexachloroethane	67-72-1	ug/L	4/4/2011									<10					<10	<10											
Hexachloroethane	67-72-1	ug/L	3/30/2013																							<10	<10		
Hexachloroethane	67-72-1	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Hexachloroethane	67-72-1	ug/L	6/2/2014																					<10.1					
Hexachloroethane	67-72-1	ug/L	10/15/2014																					<10					
Hexachloroethane	67-72-1	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Hexachloroethane	67-72-1	ug/L	4/4/2016									<10					<10	<10											
Hexachloroethane	67-72-1	ug/L	5/1/2018																		<10.4	<10.3							
Hexachloroethane	67-72-1	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Hexachloroethane	67-72-1	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Hexachloroethane	67-72-1	ug/L	6/24/2020		<10.4																								
Hexachloroethane	67-72-1	ug/L	10/20/2021		<8							<8					<8	<8											
Hexachloroethane	67-72-1	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Hexachloroethane	67-72-1	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Hexachloroethane	67-72-1	ug/L	4/24/2025													<10.4													
Hexachloroethane	67-72-1	ug/L	5/5/2025						<10.2																				
Hexachloroethane	67-72-1	ug/L	5/6/2025										<10.4		<10.6														
Hexachloroethane	67-72-1	ug/L	5/7/2025				<10.2													<10.6									
Hexachloroethane	67-72-1	ug/L	5/8/2025			<9.80		<10.6																					
Hexachloroethane	67-72-1	ug/L	5/4/2026														<10.9												
Hexachloroethane	67-72-1	ug/L	5/6/2026															<10.4											
Hexachloropropene	1888-71-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Hexachloropropene	1888-71-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Hexachloropropene	1888-71-7	ug/L	4/4/2011									<10					<10	<10											
Hexachloropropene	1888-71-7	ug/L	3/30/2013																							<10	<10		
Hexachloropropene	1888-71-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Hexachloropropene	1888-71-7	ug/L	6/2/2014																					<10.1					
Hexachloropropene	1888-71-7	ug/L	10/15/2014																					<10					
Hexachloropropene	1888-71-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Hexachloropropene	1888-71-7	ug/L	4/4/2016									<10					<10	<10											
Hexachloropropene	1888-71-7	ug/L	5/1/2018																		<10.4	<10.3							
Hexachloropropene	1888-71-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Hexachloropropene	1888-71-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Hexachloropropene	1888-71-7	ug/L	6/24/2020		<10.4																								
Hexachloropropene	1888-71-7	ug/L	10/20/2021		<8							<8					<8	<8											
Hexachloropropene	1888-71-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Hexachloropropene	1888-71-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Hexachloropropene	1888-71-7	ug/L	4/24/2025													<10.4													
Hexachloropropene	1888-71-7	ug/L	5/5/2025						<10.2																				
Hexachloropropene	1888-71-7	ug/L	5/6/2025										<10.4		<10.6														
Hexachloropropene	1888-71-7	ug/L	5/7/2025				<10.2													<10.6									
Hexachloropropene	1888-71-7	ug/L	5/8/2025			<9.80		<10.6																					
Hexachloropropene	1888-71-7	ug/L	5/4/2026														<10.9												
Hexachloropropene	1888-71-7	ug/L	5/6/2026															<10.4											
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/4/2011									<10					<10	<10											
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/30/2013																							<10	<10		
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/2/2014																					<10.1					
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/15/2014																					<10					
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/4/2016									<10					<10	<10											
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/1/2018																		<10.4	<10.3							
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	6/24/2020		<10.4																								
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/20/2021		<8							<8					<8	<8											
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	4/24/2025													<10.4													
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	5/5/2025						<10.2																				
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	5/6/2025										<10.4		<10.6														
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	5/7/2025				<10.2													<10.6									
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	5/8/2025			<9.80		<10.6																					
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	5/4/2026														<10.9												
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	5/6/2026															<10.4											
Iodomethane	74-88-4	ug/L	2/27/2008	<10		<10	<10	<10	<10	<10																			
Iodomethane	74-88-4	ug/L	5/12/2008	<10		<10	<10	<10	<10	<10																			
Iodomethane	74-88-4	ug/L	7/13/2008	<10		<10	<10	<10	<10	<10																			
Iodomethane	74-88-4	ug/L	9/14/2008	<10		<10	<10	<10	<10	<10																			
Iodomethane	74-88-4	ug/L	11/17/2008	<10		<10	<10	<10	<10	<10																			
Iodomethane	74-88-4	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Iodomethane	74-88-4	ug/L	7/7/2009										<10	<20	<20	<20			<20	<20									
Iodomethane	74-88-4	ug/L	9/2/2009										<10	<10	<10	<10			<10	<10									
Iodomethane	74-88-4	ug/L	10/25/2009	<10		<50	<10	<10	<20	<50			<10	<10	<10	<20			<20	<20									
Iodomethane	74-88-4	ug/L	1/2/2010										<20	<10	<20	<10			<20	<20									
Iodomethane	74-88-4	ug/L	3/3/2010									<10	<10	<10	<10	<10	<10	<10	<10	<10									
Iodomethane	74-88-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10									
Iodomethane	74-88-4	ug/L	7/8/2010									<10					<10	<10											
Iodomethane	74-88-4	ug/L	9/13/2010									<20					<20	<20											
Iodomethane	74-88-4	ug/L	1/1/1/2010	<10		<10		<10	<10	<10			<10	<10	<10	<10													
Iodomethane	74-88-4	ug/L	1/10/2011									<10					<10	<10											
Iodomethane	74-88-4	ug/L	4/4/2011									<10					<10	<50											
Iodomethane	74-88-4	ug/L	8/11/2011																							<50			
Iodomethane	74-88-4	ug/L	10/13/2011	<10		<10		<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10							<10			
Iodomethane	74-88-4	ug/L	12/5/2011				<20													<20						<20			
Iodomethane	74-88-4	ug/L	4/11/2012	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10						<10	<10		
Iodomethane	74-88-4	ug/L	6/25/2012					<10		<10																<10	<10		
Iodomethane	74-88-4	ug/L	8/1/2012							<10	<10										<10	<10	<10	<10	<10	<10	<10		
Iodomethane	74-88-4	ug/L	10/11/2012	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
Iodomethane	74-88-4	ug/L	12/13/2012								<10										<10	<10	<10	<10	<10		<10		
Iodomethane	74-88-4	ug/L	2/4/2013								<10										<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	3/30/2013	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
Iodomethane	74-88-4	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	10/7/2013	<10		<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	<10	<10	<10	<10		<10		
Iodomethane	74-88-4	ug/L	6/2/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	10/15/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	4/6/2015	<10		9.07J; <10	<10	<10	<10	<10	<10	<10	<10	9.04J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	10/5/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	4/4/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	10/17/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	4/17/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	10/11/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	4/20/2018											<10					<10	<10									
Iodomethane	74-88-4	ug/L	4/23/2018	<10								<10	<10		<10	<10	<10												
Iodomethane	74-88-4	ug/L	4/25/2018						<10																				
Iodomethane	74-88-4	ug/L	4/30/2018			<10	<10	<10										<10											
Iodomethane	74-88-4	ug/L	5/1/2018								<10										<10	<10							
Iodomethane	74-88-4	ug/L	5/2/2018																				<10	<10	<10				
Iodomethane	74-88-4	ug/L	10/16/2018	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	4/16/2019	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	3/30/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	6/24/2020		<10																								
Iodomethane	74-88-4	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	1/21/2021		<1																								
Iodomethane	74-88-4	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Iodomethane	74-88-4	ug/L	10/20/2021		<2			<1	<1			<2	<1				<2	<2			<1	<1	<1	<1	<1	<1	<1	<1	<1
Iodomethane	74-88-4	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Iodomethane	74-88-4	ug/L	10/14/2022					<1	<1												<1	<1	<1	<1	<1	<1	<1	<1	<1
Iodomethane	74-88-4	ug/L	5/1/2023	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/16/2023		<10			<10	<10			<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/29/2024		<10			<10	<10	<10	<10	<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/9/2024		<10.0								<10.0														<10.0		
Iodomethane	74-88-4	ug/L	10/10/2024						<10.0			<10.0														<10.0		<10.0	
Iodomethane	74-88-4	ug/L	10/14/2024																		<10.0	<10.0		<10.0					<10.0
Iodomethane	74-88-4	ug/L	10/15/2024																				<10.0		<10.0				
Iodomethane	74-88-4	ug/L	4/23/2025	<10.0										<10.0					<10.0										
Iodomethane	74-88-4	ug/L	4/24/2025													<10.0													
Iodomethane	74-88-4	ug/L	4/30/2025		<10.0							<10.0														<10.0	<10.0		
Iodomethane	74-88-4	ug/L	5/5/2025						<10.0																			<10.0	
Iodomethane	74-88-4	ug/L	5/6/2025										<10.0		<10.0														
Iodomethane	74-88-4	ug/L	5/7/2025				<10.0													<10.0	<10.0	<10.0	<10.0						
Iodomethane	74-88-4	ug/L	5/8/2025			<10.0		<10.0																					<10.0
Iodomethane	74-88-4	ug/L	5/9/2025							<10.0	<10.0													<10.0	<10.0				
Iodomethane	74-88-4	ug/L	10/21/2025						<10.0																	<10.0	<10.0	<10.0	
Iodomethane	74-88-4	ug/L	10/22/2025		<10.0							<10.0	<10.0																
Iodomethane	74-88-4	ug/L	10/23/2025					<10.0													<10.0	<10.0	<10.0	<10.0	<10.0				
Iodomethane	74-88-4	ug/L	10/24/2025																										<10.0
Iodomethane	74-88-4	ug/L	5/4/2026									<10.0					<10.0									<10.0	<10.0		
Iodomethane	74-88-4	ug/L	5/5/2026		<10.0				<10.0				<10.0															<10.0	
Iodomethane	74-88-4	ug/L	5/6/2026							<10.0	<10.0							<10.0			<10.0								
Iodomethane	74-88-4	ug/L	5/8/2026					<10.0														<10.0	<10.0	<10.0	<10.0				<10.0
Iron, Total	7439-89-6	mg/L	4/6/2015	<0.1		<0.1	6.29	<0.1	<0.1	0.119	0.231	<0.1	<0.1	<0.1	0.109	6.02	29.9	0.283	2.15	4.37	0.936	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Iron, Total	7439-89-6	mg/L	10/5/2015	<0.1		<0.1	10.6	<0.1	0.439	8.22	<0.1	<0.1	0.26	0.0862J	0.115	13.2	30.9	0.831	3.23	3.18	0.308	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Iron, Total	7439-89-6	mg/L	4/4/2016	<0.1		<0.1	14.3	<0.1	<0.1	0.0744J	0.0763J	<0.1	0.488	0.134	<0.1	3.64	27.9	2.97	0.775	0.581	0.136	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Iron, Total	7439-89-6	mg/L	10/17/2016	<0.1		0.146	10.3	<0.1	0.142	0.655	0.085J	0.257	0.815	<0.1	<0.1	9.61	27	4.47	0.143	<0.1	0.135	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
Isobutanol	78-83-1	mg/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Isobutanol	78-83-1	mg/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Isobutanol	78-83-1	mg/L	4/4/2011									<10					<10	<10											
Isobutanol	78-83-1	mg/L	3/30/2013																							<10	<10		
Isobutanol	78-83-1	mg/L	7/10/2013																		<10	<10	<10	<10	<10				
Isobutanol	78-83-1	mg/L	10/5/2015	<10		<10	<10	<10	<10				<10	<10	<10	<10			<10	<10									
Isobutanol	78-83-1	mg/L	4/4/2016									<10					<10	<10											
Isobutanol	78-83-1	mg/L	5/1/2018																		<10	<10							
Isobutanol	78-83-1	mg/L	5/2/2018																				<10	<10	<10				
Isobutanol	78-83-1	mg/L	3/30/2020	<10		<10	<10	<10	<10				<10	<10	<10	<10			<10	<10									
Isobutanol	78-83-1	mg/L	6/24/2020		<10																								
Isobutanol	78-83-1	mg/L	10/20/2021		<1							<1					<1	<1											
Isobutanol	78-83-1	mg/L	5/1/2023																		<10	<10	<10	<10	<10				
Isobutanol	78-83-1	mg/L	4/23/2025	<10.0										<10.0					<10.0										
Isobutanol	78-83-1	mg/L	4/24/2025													<10.0													
Isobutanol	78-83-1	mg/L	5/5/2025						<10.0																				
Isobutanol	78-83-1	mg/L	5/6/2025										<10.0		<10.0														
Isobutanol	78-83-1	mg/L	5/7/2025				<10.0													<10.0									
Isobutanol	78-83-1	mg/L	5/8/2025			<10.0		<10.0																					
Isobutanol	78-83-1	mg/L	5/4/2026														<10.0												
Isobutanol	78-83-1	mg/L	5/6/2026															<10.0											
Isodrin	465-73-6	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Isodrin	465-73-6	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Isodrin	465-73-6	ug/L	4/4/2011									<10					<10	<10											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Isodrin	465-73-6	ug/L	3/30/2013																							<10	<10		
Isodrin	465-73-6	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Isodrin	465-73-6	ug/L	6/2/2014																					<10.1					
Isodrin	465-73-6	ug/L	10/15/2014																					<10					
Isodrin	465-73-6	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Isodrin	465-73-6	ug/L	4/4/2016									<10					<10	<10											
Isodrin	465-73-6	ug/L	5/1/2018																		<10.4	<10.3							
Isodrin	465-73-6	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Isodrin	465-73-6	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Isodrin	465-73-6	ug/L	6/24/2020		<10.4																								
Isodrin	465-73-6	ug/L	10/20/2021		<8							<8					<8	<8											
Isodrin	465-73-6	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Isodrin	465-73-6	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Isodrin	465-73-6	ug/L	4/24/2025													<10.4													
Isodrin	465-73-6	ug/L	5/5/2025						<10.2																				
Isodrin	465-73-6	ug/L	5/6/2025										<10.4		<10.6														
Isodrin	465-73-6	ug/L	5/7/2025				<10.2													<10.6									
Isodrin	465-73-6	ug/L	5/8/2025			<9.80		<10.6																					
Isodrin	465-73-6	ug/L	5/4/2026														<10.9												
Isodrin	465-73-6	ug/L	5/6/2026															<10.4											
Isophorone	78-59-1	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Isophorone	78-59-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Isophorone	78-59-1	ug/L	4/4/2011									<10					<10	<10											
Isophorone	78-59-1	ug/L	3/30/2013																							<10	<10		
Isophorone	78-59-1	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Isophorone	78-59-1	ug/L	6/2/2014																					<10.1					
Isophorone	78-59-1	ug/L	10/15/2014																					<10					
Isophorone	78-59-1	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Isophorone	78-59-1	ug/L	4/4/2016									<10					<10	<10											
Isophorone	78-59-1	ug/L	5/1/2018																		<10.4	<10.3							
Isophorone	78-59-1	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Isophorone	78-59-1	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Isophorone	78-59-1	ug/L	6/24/2020		<10.4																								
Isophorone	78-59-1	ug/L	10/20/2021		<8							<8					<8	<8											
Isophorone	78-59-1	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Isophorone	78-59-1	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Isophorone	78-59-1	ug/L	4/24/2025													<10.4													
Isophorone	78-59-1	ug/L	5/5/2025						<10.2																				
Isophorone	78-59-1	ug/L	5/6/2025										<10.4		<10.6														
Isophorone	78-59-1	ug/L	5/7/2025				<10.2													<10.6									
Isophorone	78-59-1	ug/L	5/8/2025			<9.80		<10.6																					
Isophorone	78-59-1	ug/L	5/4/2026														<10.9												
Isophorone	78-59-1	ug/L	5/6/2026															<10.4											
Isosafrole	120-58-1	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Isosafrole	120-58-1	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Isosafrole	120-58-1	ug/L	4/4/2011									<10					<10	<10											
Isosafrole	120-58-1	ug/L	3/30/2013																							<10	<10		
Isosafrole	120-58-1	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Isosafrole	120-58-1	ug/L	6/2/2014																					<10.1					
Isosafrole	120-58-1	ug/L	10/15/2014																					<10					
Isosafrole	120-58-1	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Isosafrole	120-58-1	ug/L	4/4/2016									<10					<10	<10											
Isosafrole	120-58-1	ug/L	5/1/2018																		<10.4	<10.3							
Isosafrole	120-58-1	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Isosafrole	120-58-1	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Isosafrole	120-58-1	ug/L	6/24/2020		<10.4																								
Isosafrole	120-58-1	ug/L	10/20/2021		<8							<8					<8	<8											
Isosafrole	120-58-1	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Isosafrole	120-58-1	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Isosafrole	120-58-1	ug/L	4/24/2025													<10.4													
Isosafrole	120-58-1	ug/L	5/5/2025						<10.2																				
Isosafrole	120-58-1	ug/L	5/6/2025										<10.4		<10.6														
Isosafrole	120-58-1	ug/L	5/7/2025				<10.2													<10.6									
Isosafrole	120-58-1	ug/L	5/8/2025			<9.80		<10.6																					
Isosafrole	120-58-1	ug/L	5/4/2026														<10.9												
Isosafrole	120-58-1	ug/L	5/6/2026															<10.4											
Kepone	143-50-0	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Kepone	143-50-0	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Kepone	143-50-0	ug/L	4/4/2011									<10					<10	<10											
Kepone	143-50-0	ug/L	3/30/2013																							<10	<10		
Kepone	143-50-0	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Kepone	143-50-0	ug/L	6/2/2014																					<10.1					
Kepone	143-50-0	ug/L	10/15/2014																					<10					
Kepone	143-50-0	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Kepone	143-50-0	ug/L	4/4/2016									<10					<10	<10											
Kepone	143-50-0	ug/L	5/1/2018																		<10.4	<10.3							
Kepone	143-50-0	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Kepone	143-50-0	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Kepone	143-50-0	ug/L	6/24/2020		<10.4																								
Kepone	143-50-0	ug/L	10/20/2021		<8							<8					<8	<8											
Kepone	143-50-0	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Kepone	143-50-0	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Kepone	143-50-0	ug/L	4/24/2025													<10.4													
Kepone	143-50-0	ug/L	5/5/2025						<10.2																				
Kepone	143-50-0	ug/L	5/6/2025										<10.4		<10.6														
Kepone	143-50-0	ug/L	5/7/2025				<10.2													<10.6									
Kepone	143-50-0	ug/L	5/8/2025			<9.80		<10.6																					
Kepone	143-50-0	ug/L	5/4/2026														<10.9												
Kepone	143-50-0	ug/L	5/6/2026															<10.4											
Lead	7439-92-1	mg/L	2/27/2008	0.006		<0.005	0.008	0.006	0.005	<0.005																			
Lead	7439-92-1	mg/L	5/12/2008	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005																			
Lead	7439-92-1	mg/L	7/13/2008	0.005		0.005	<0.005	<0.005	<0.005	<0.005																			
Lead	7439-92-1	mg/L	9/14/2008	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005																			
Lead	7439-92-1	mg/L	11/17/2008	<0.004		<0.004	<0.004	<0.004	<0.004	0.00509																			
Lead	7439-92-1	mg/L	4/14/2009	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005																			
Lead	7439-92-1	mg/L	7/7/2009							<0.005			0.023	<0.005	<0.005	<0.005			<0.005	<0.005									
Lead	7439-92-1	mg/L	9/2/2009							<0.005			0.021	0.011	<0.005	<0.004; <0.005			<0.004; <0.005	<0.005									
Lead	7439-92-1	mg/L	10/25/2009	<0.005		0.0063	<0.005	<0.005	<0.005	<0.005			0.045	<0.005	0.012	<0.005			<0.005	<0.005									
Lead	7439-92-1	mg/L	1/2/2010							<0.005			0.18	<0.005	<0.005	<0.005			<0.005	<0.005									
Lead	7439-92-1	mg/L	3/3/2010									0.31	0.052	<0.005	0.006	<0.005	0.017; 0.016	<0.005	<0.005	<0.005									
Lead	7439-92-1	mg/L	5/10/2010	<0.002		0.038	<0.002	<0.002	<0.002	0.0022		0.023	0.0063	<0.002	<0.002	<0.002	0.0036	0.0034	0.013	<0.002									
Lead	7439-92-1	mg/L	7/8/2010							<0.005		<0.005	0.015				<0.005	0.01; 0.0057	<0.005										
Lead	7439-92-1	mg/L	9/13/2010							<0.005		0.018	0.01				0.01	0.015	<0.005										
Lead	7439-92-1	mg/L	1/1/2010										0.053	<0.005	<0.005	<0.005													
Lead	7439-92-1	mg/L	1/10/2011							<0.004		<0.004	0.0106				<0.004	0.00484											
Lead	7439-92-1	mg/L	4/4/2011									<0.004	0.032	<0.005	<0.005	<0.005	<0.004	0.00587	0.014										
Lead	7439-92-1	mg/L	7/8/2011							<0.005		<0.005					<0.005	0.0084											
Lead	7439-92-1	mg/L	8/11/2011							<0.005		0.0054					<0.005	0.01; 0.0091								<0.005			
Lead	7439-92-1	mg/L	10/13/2011	<0.004		<0.004		<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.00906	0.0053							<0.004			
Lead	7439-92-1	mg/L	12/5/2011				<0.004			<0.004		<0.004					<0.004	0.00948		<0.004						<0.004			
Lead	7439-92-1	mg/L	2/6/2012							<0.004																			
Lead	7439-92-1	mg/L	4/11/2012	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004		<0.004	0.00832	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004						<0.004	<0.004		
Lead	7439-92-1	mg/L	6/25/2012					<0.004		<0.004																<0.004	<0.004		
Lead	7439-92-1	mg/L	8/1/2012							<0.004	<0.004										0.0128	<0.004	<0.004	0.00503	0.0051	<0.004	<0.004		
Lead	7439-92-1	mg/L	10/11/2012	<0.004		<0.004	0.00539	<0.004	<0.004		<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0175	<0.004	0.00707	0.0115	0.0111	<0.004	<0.004		
Lead	7439-92-1	mg/L	12/13/2012								<0.004										0.0126	0.0129	<0.004	<0.004	0.0197		<0.004		
Lead	7439-92-1	mg/L	2/4/2013								0.00443										0.00977	0.00467	<0.004	<0.004	0.00875				
Lead	7439-92-1	mg/L	3/30/2013	<0.004		<0.004	<0.004	<0.004	<0.004		<0.004	<0.004		<0.004	0.00455	<0.004	<0.004	<0.004	<0.004	<0.004	0.00673	<0.004	<0.004	0.00426	0.00476	<0.004	<0.004		
Lead	7439-92-1	mg/L	7/10/2013																		0.02	<0.004	<0.004	<0.004	0.0128				
Lead	7439-92-1	mg/L	10/7/2013	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004	0.00626	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.00982	0.0432	<0.004	<0.004	<0.004	<0.004	<0.004		
Lead	7439-92-1	mg/L	6/2/2014	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004				
Lead	7439-92-1	mg/L	10/15/2014	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004				
Lead	7439-92-1	mg/L	4/6/2015	<0.0005		<0.0005	0.000517	<0.0005	<0.0005	<0.0005	0.000489J	<0.0005	<0.0005	<0.0005	0.000111J	0.00011J	<0.0005	0.00013BJ	0.00361	0.000429J	0.000244J	<0.0005	0.000104J	<0.0005	<0.0005				
Lead	7439-92-1	mg/L	10/5/2015	<0.0005		0.000268J	<0.0005	<0.0005	<0.0005	0.000198J	<0.0005	<0.0005	0.000485J	<0.0005	<0.0005	0.000115J	<0.0005	<0.0005	0.00209	0.000424J	0.00015J	0.000118J; 0.000115J	<0.0005	<0.0005	<0.0005				
Lead	7439-92-1	mg/L	4/4/2016	<0.0005		<0.0005	<0.0005; 0.000289J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000777	0.000682	<0.0005	<0.0005	0.000213J	<0.0005	<0.0005				
Lead	7439-92-1	mg/L	10/17/2016	<0.0005		0.000489J	<0.0005	<0.0005	<0.0005	<0.0005	0.000229J	0.000266J	<0.0005	<0.0005	<0.0005	<0.0005	0.000225J	<0.0005	<0.0005	<0.0005	0.000236J	<0.0005	<0.0005	<0.0005	<0.0005				
Lead	7439-92-1	mg/L	4/17/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000791	<0.0005	0.000621	0.00973	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Lead	7439-92-1	mg/L	10/11/2017	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000543	<0.0005	<0.0005	<0.0005	0.00197	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
Lead	7439-92-1	mg/L	4/20/2018											<0.0005					<0.0005	0.000597									
Lead	7439-92-1	mg/L	4/23/2018	<0.0005								<0.0005	0.000786		<0.0005	0.000503	<0.0005												
Lead	7439-92-1	mg/L	4/25/2018						<0.0005		<0.0005																		
Lead	7439-92-1	mg/L	4/30/2018			<0.0005	<0.0005	<0.0005										<0.0005											
Lead	7439-92-1	mg/L	5/1/2018																		<0.0005	<0.0005							
Lead	7439-92-1	mg/L	5/2/2018																				<0.0005	<0.0005	0.000756				
Lead	7439-92-1	mg/L	10/16/2018	<0.0005		0.000293J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000491J	0.000365J	0.000303J	<0.0005	0.000634	0.000271J	<0.0005	<0.0005	<0.0005	<0.0005				
Lead	7439-92-1	mg/L	4/16/2019	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000339J	<0.0005	0.000638	<0.0005	0.000728	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
Lead	7439-92-1	mg/L	10/1/2019	<0.0005	0.00033J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00111	<0.0005	<0.0005	<0.0005	<0.0005	0.000289J	0.00064	0.0004J	<0.0005	0.00272	0.000376J	<0.0005	<0.0005	<0.0005	<0.0005				
Lead	7439-92-1	mg/L	3/30/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00144	<0.0005	<0.0005	<0.0005	0.000468J	0.000286J	<0.0005	0.00133	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
Lead	7439-92-1	mg/L	6/24/2020		0.00016J																								
Lead	7439-92-1	mg/L	10/7/2020	<0.0005	<0.0005	0.000259J; 0.000126J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000444J	0.000135J	<0.0005	0.000344J	<0.0005	0.000151J	0.000201J	0.00156	0.000338J	<0.0005	<0.0005	<0.0005	<0.0005				
Lead	7439-92-1	mg/L	1/21/2021		<0.004																								
Lead	7439-92-1	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.001J	<0.004	<0.004	0.0012J	<0.004	<0.004	<0.004	0.0009J	<0.004				
Lead	7439-92-1	mg/L	10/20/2021		<0.004			<0.004	<0.004			<0.004	<0.004				<0.004	<0.004			<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	5/2/2022	<0.004	<0.004	<0.004	0.0011J	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0012J	0.0021J	0.0006J	0.0024J	<0.004	0.0074	0.0019J	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	10/14/2022		<0.004		<0.004	<0.004	<0.004			<0.004	0.0069								<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0008J	<0.004
Lead	7439-92-1	mg/L	5/1/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000457J	0.00045J	0.000673	<0.0005	0.000386J	<0.0005	0.000298J	0.00714	0.00165	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	10/16/2023		<0.0005		0.000838	<0.0005	<0.0005			<0.0005	<0.0005								<0.0005	0.000332J; 0.000271J	0.000279J	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	4/29/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000489J	0.000461J	<0.0005	0.000957	0.00089	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	10/9/2024		<0.000500								<0.000500														<0.000500		
Lead	7439-92-1	mg/L	10/10/2024						<0.000500			<0.000500													<0.000500		<0.000500	
Lead	7439-92-1	mg/L	10/14/2024																		<0.000500	<0.000500		<0.000500					<0.000500
Lead	7439-92-1	mg/L	10/15/2024				<0.000500																<0.000500		<0.000500				
Lead	7439-92-1	mg/L	4/23/2025	<0.000500										<0.000500					<0.000500										
Lead	7439-92-1	mg/L	4/24/2025													<0.000500	<0.000500												
Lead	7439-92-1	mg/L	4/30/2025		<0.000500							<0.000500														<0.000500	<0.000500		
Lead	7439-92-1	mg/L	5/5/2025						<0.000500																			<0.000500	
Lead	7439-92-1	mg/L	5/6/2025										<0.000500		<0.000500														
Lead	7439-92-1	mg/L	5/7/2025				<0.000500													0.000643	<0.000500	<0.000500	<0.000500						
Lead	7439-92-1	mg/L	5/8/2025			<0.000500		<0.000500																					<0.000500
Lead	7439-92-1	mg/L	5/9/2025							<0.000500	<0.000500							<0.000500						<0.000500	<0.000500				
Lead	7439-92-1	mg/L	10/21/2025						<0.000500																	<0.000500	<0.000500	<0.000500	
Lead	7439-92-1	mg/L	10/22/2025		<0.000500							<0.000500	<0.000500																
Lead	7439-92-1	mg/L	10/23/2025					<0.000500													<0.000500	<0.000500	<0.000500	<0.000500	<0.000500				
Lead	7439-92-1	mg/L	10/24/2025				0.00120																						<0.000500
Lead	7439-92-1	mg/L	5/4/2026									<0.000500					<0.000500									<0.000500	<0.000500		
Lead	7439-92-1	mg/L	5/5/2026		<0.000500				<0.000500				<0.000500		<0.000500	0.000521												<0.000500	
Lead	7439-92-1	mg/L	5/6/2026	<0.000500		0.000220				<0.000500	<0.000500			<0.000500				0.000189	<0.000500	0.00368	<0.000500								
Lead	7439-92-1	mg/L	5/8/2026				0.000580	<0.000500														<0.000500	<0.000500	<0.000500	<0.000500				<0.000500
M&P-Xylene	179601-23-1	ug/L	7/10/2013																		<2	<2	<2	<2	<2				
Magnesium	7439-95-4	mg/L	6/2/2014	47.6		34.4	57.2	36.2	19.8	36.4	38.2	58.1	60	29.1	43	52.2	70.7	42.4	43.7	58	56.5	13.7	34.8	33.5	36.4				
Magnesium	7439-95-4	mg/L	10/15/2014	47.4		33.5	73.1	33.1	19.3	34.9	37.5	61.9	53.2	27.1	52.5	46.3	51.7	47.8	40.9	45.5	55.9	13.6	35.7	31.7	30.4	19.2			
Manganese	7439-96-5	mg/L	4/6/2015	<0.01		0.0092J	6.39	<0.01	0.02	0.039	0.0259	<0.01	0.00593J	<0.01	<0.01	0.167	3.97	5.24	0.301	0.52	0.0744	<0.01	0.00891J	0.0882	0.215	0.111	0.025		
Manganese	7439-96-5	mg/L	10/5/2015	<0.01		0.00656J	6.21	<0.01	0.772	1.54	<0.01	<0.01	0.41	<0.01	0.00689J	0.286	4.85	5.63	0.123	0.508	0.295	<0.01	0.0536	0.0288	0.0248	0.251	0.0725		
Manganese	7439-96-5	mg/L	4/4/2016	<0.01		<0.01	12.8	<0.01	<0.01	0.0107	<0.01	<0.01	0.504	<0.01	0.0607	0.227	3.67	5.52	0.0308	0.0615	0.076	<0.01	0.00619J	0.0798	0.0924	0.183	0.00891J		
Manganese	7439-96-5	mg/L	10/17/2016	<0.01		0.158	6.33	<0.01	0.225	0.323	0.00707J	0.00891J	0.568	<0.01	0.0309	0.132	3.71	3.35	0.00481J	0.055	0.019	<0.01	<0.01	0.0738	0.0257	0.23	0.0418		
Mercury	7439-97-6	mg/L	4/14/2009	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002																			
Mercury	7439-97-6	mg/L	5/10/2010	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002									
Mercury	7439-97-6	mg/L	4/4/2011									<0.0002					<0.0002	<0.0002											
Mercury	7439-97-6	mg/L	3/30/2013																							<0.0002	<0.0002		
Mercury	7439-97-6	mg/L	7/10/2013																		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
Mercury	7439-97-6	mg/L	10/5/2015	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002				<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	0.000196J									
Mercury	7439-97-6	mg/L	4/4/2016									<0.0002					<0.0002	<0.0002											
Mercury	7439-97-6	mg/L	5/1/2018																		<0.0002	<0.0002							
Mercury	7439-97-6	mg/L	5/2/2018																				<0.0002	<0.0002	<0.0002				
Mercury	7439-97-6	mg/L	3/30/2020	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002				<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002									
Mercury	7439-97-6	mg/L	6/24/2020		<0.0002																								
Mercury	7439-97-6	mg/L	10/20/2021		<0.0005							<0.0005					<0.0005	<0.0005											
Mercury	7439-97-6	mg/L	5/1/2023																		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
Mercury	7439-97-6	mg/L	4/23/2025	<0.000200										<0.000200					<0.000200										
Mercury	7439-97-6	mg/L	4/24/2025													<0.000200													
Mercury	7439-97-6	mg/L	5/5/2025						<0.000200																				
Mercury	7439-97-6	mg/L	5/6/2025										<0.000200		<0.000200														
Mercury	7439-97-6	mg/L	5/7/2025				<0.000200													<0.000200									
Mercury	7439-97-6	mg/L	5/8/2025		<0.000200			<0.000200																					
Mercury	7439-97-6	ug/L	5/4/2026														<0.200												
Mercury	7439-97-6	mg/L	5/5/2025						<0.000200							<0.000200													
Mercury	7439-97-6	mg/L	5/6/2025										<0.000200		<0.000200														
Mercury	7439-97-6	mg/L	5/7/2025																	<0.000200									
Mercury	7439-97-6	mg/L	5/8/2025			<0.000200		<0.000200																					
Mercury	7439-97-6	ug/L	5/4/2026														<0.200												
Mercury	7439-97-6	ug/L	5/6/2026															<0.200											
Methacrylonitrile	126-98-7	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1	<1																		
Methacrylonitrile	126-98-7	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
Methacrylonitrile	126-98-7	ug/L	4/4/2011									<1					<1	<2											
Methacrylonitrile	126-98-7	ug/L	10/11/2012								<1																		
Methacrylonitrile	126-98-7	ug/L	3/30/2013																							<1	<1		
Methacrylonitrile	126-98-7	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
Methacrylonitrile	126-98-7	ug/L	10/5/2015	<10		<10	<10	<10	<10				<10	<10	<10	<10			<10	<10									
Methacrylonitrile	126-98-7	ug/L	4/4/2016									<10					<10	<10											
Methacrylonitrile	126-98-7	ug/L	5/1/2018																		<10	<10							
Methacrylonitrile	126-98-7	ug/L	5/2/2018																				<10	<10	<10				
Methacrylonitrile	126-98-7	ug/L	3/30/2020	<10		<10	<10	<10	<10				<10	<10	<10	<10			<10	<10									
Methacrylonitrile	126-98-7	ug/L	6/24/2020		<10																								
Methacrylonitrile	126-98-7	ug/L	10/20/2021		<1							<1					<1	<1											
Methacrylonitrile	126-98-7	ug/L	5/1/2023																		<10	<10	<10	<10	<10				
Methacrylonitrile	126-98-7	ug/L	4/23/2025	<10.0										<10.0					<10.0										
Methacrylonitrile	126-98-7	ug/L	4/24/2025													<10.0													
Methacrylonitrile	126-98-7	ug/L	5/5/2025						<10.0																				
Methacrylonitrile	126-98-7	ug/L	5/6/2025										<10.0		<10.0														
Methacrylonitrile	126-98-7	ug/L	5/7/2025				<10.0													<10.0									
Methacrylonitrile	126-98-7	ug/L	5/8/2025			<10.0		<10.0																					
Methacrylonitrile	126-98-7	ug/L	5/4/2026														<10.0												
Methacrylonitrile	126-98-7	ug/L	5/6/2026															<10.0											
Methane, Dissolved	74-82-8	mg/L	4/6/2015	<0.005		0.0162	0.794	<0.005	0.00357J	0.0107	<0.005	0.00314J	<0.005	<0.005	0.0136	4.77	43.5	0.0257	<0.005	0.547	0.00296J	<0.005	0.00701	<0.005	0.00512	0.00361J	0.00755		
Methane, Dissolved	74-82-8	mg/L	10/5/2015	0.0119		0.00745	1.19	0.000787	0.00274	0.233	<0.00058	0.00124	0.00308	<0.00058	0.0777	8.85	7.78	0.0359	0.00302	0.0609	<0.00058	<0.00058	0.00345	<0.00058	0.004	0.00256	0.00256		
Methane, Dissolved	74-82-8	mg/L	4/4/2016	0.00265		0.00298	2.76	<0.00058	0.0062	0.00219	0.000306J	0.0027	7.95	0.0003J	0.0996	0.571	8.94	0.122	0.00306	0.00615	0.000723	<0.00058	<0.00058	0.000337J	0.000723	<0.00058	<0.00058		
Methane, Dissolved	74-82-8	mg/L	10/17/2016	0.00457		0.0591	1.07	0.000317J	0.00434	0.0274	<0.00058	0.0117	0.000765	<0.00058	0.0167	3.88	8.74	0.015	0.000343J	0.0167	<0.00058	<0.00058	<0.00058	0.000342J	0.000348J	0.000611	0.000311J		
Methapyrilene	91-80-5	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Methapyrilene	91-80-5	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Methapyrilene	91-80-5	ug/L	4/4/2011									<10					<10	<10											
Methapyrilene	91-80-5	ug/L	3/30/2013																							<10	<10		
Methapyrilene	91-80-5	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Methapyrilene	91-80-5	ug/L	6/2/2014																					0.382J					
Methapyrilene	91-80-5	ug/L	10/15/2014																					<10					
Methapyrilene	91-80-5	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Methapyrilene	91-80-5	ug/L	4/4/2016									<10					<10	0.695J											
Methapyrilene	91-80-5	ug/L	5/1/2018																		<10.4	<10.3							
Methapyrilene	91-80-5	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Methapyrilene	91-80-5	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Methapyrilene	91-80-5	ug/L	6/24/2020		<10.4																								
Methapyrilene	91-80-5	ug/L	10/20/2021		<8							<8					<8	<8											
Methapyrilene	91-80-5	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Methapyrilene	91-80-5	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Methapyrilene	91-80-5	ug/L	4/24/2025													<10.4													
Methapyrilene	91-80-5	ug/L	5/5/2025						<10.2																				
Methapyrilene	91-80-5	ug/L	5/6/2025										<10.4		<10.6														
Methapyrilene	91-80-5	ug/L	5/7/2025				<10.2													<10.6									
Methapyrilene	91-80-5	ug/L	5/8/2025			<9.80		<10.6																					
Methapyrilene	91-80-5	ug/L	5/4/2026														<10.9												
Methapyrilene	91-80-5	ug/L	5/6/2026															<10.4											
Methoxychlor	72-43-5	ug/L	4/14/2009	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032																			
Methoxychlor	72-43-5	ug/L	10/25/2009							<0.032																			
Methoxychlor	72-43-5	ug/L	5/10/2010	<0.032		<0.032	<0.032	<0.032	<0.032	<0.032			<0.032	<0.032	<0.032	<0.032			<0.032	<0.032									
Methoxychlor	72-43-5	ug/L	4/4/2011									<0.032					<0.032	<0.032											
Methoxychlor	72-43-5	ug/L	10/11/2012								<0.032																		
Methoxychlor	72-43-5	ug/L	3/30/2013																							<0.032	<0.032		
Methoxychlor	72-43-5	ug/L	7/10/2013																		<0.0327	<0.0323	<0.0323	<0.0348	<0.0348				
Methoxychlor	72-43-5	ug/L	10/5/2015	<0.0327		<0.0337	<0.032	<0.0327	<0.0323				<0.0333	<0.0323	<0.032	<0.033			<0.0348	<0.0323									
Methoxychlor	72-43-5	ug/L	4/4/2016									<0.032					<0.032	<0.032											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Methoxychlor	72-43-5	ug/L	5/1/2018																		<0.0333	<0.0323							
Methoxychlor	72-43-5	ug/L	5/2/2018																				<0.0337	<0.0337	<0.0333				
Methoxychlor	72-43-5	ug/L	3/30/2020	<0.0333		<0.0337	<0.0333	<0.0344	<0.0337				<0.0337	<0.0333	<0.0333	<0.0333			<0.033	<0.033									
Methoxychlor	72-43-5	ug/L	6/24/2020		<0.0337																								
Methoxychlor	72-43-5	ug/L	10/20/2021		<0.05							<0.05					<0.05	<0.05											
Methoxychlor	72-43-5	ug/L	5/1/2023																		<0.064	<0.0744	<0.0711	<0.064	<0.064				
Methoxychlor	72-43-5	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
Methoxychlor	72-43-5	ug/L	4/24/2025													<0.0921													
Methoxychlor	72-43-5	ug/L	5/5/2025						<0.0895																				
Methoxychlor	72-43-5	ug/L	5/6/2025										<0.0907		<0.0902														
Methoxychlor	72-43-5	ug/L	5/7/2025				<0.0907													<0.0904									
Methoxychlor	72-43-5	ug/L	5/8/2025			<0.0882		<0.0904																					
Methoxychlor	72-43-5	ug/L	5/4/2026														<0.117												
Methoxychlor	72-43-5	ug/L	5/6/2026															<0.119											
Methyl Methacrylate	80-62-6	ug/L	4/14/2009	<2		<2	<2	<2	<2	<2																			
Methyl Methacrylate	80-62-6	ug/L	5/10/2010	<5		<5	<5	<5	<5	<5			<5	<5	<5	<5			<5	<5									
Methyl Methacrylate	80-62-6	ug/L	4/4/2011									<2					<2	<10											
Methyl Methacrylate	80-62-6	ug/L	10/11/2012								<2																		
Methyl Methacrylate	80-62-6	ug/L	3/30/2013																							<2	<2		
Methyl Methacrylate	80-62-6	ug/L	7/10/2013																		<2	<2	<2	<2	<2				
Methyl Methacrylate	80-62-6	ug/L	10/5/2015	<2		<2	<2	<2	<2				<2	<2	<2	<2			<2	<2									
Methyl Methacrylate	80-62-6	ug/L	4/4/2016									<2					<2	<2											
Methyl Methacrylate	80-62-6	ug/L	5/1/2018																		<2	<2							
Methyl Methacrylate	80-62-6	ug/L	5/2/2018																				<2	<2	<2				
Methyl Methacrylate	80-62-6	ug/L	3/30/2020	<2		<2	<2	<2	<2				<2	<2	<2	<2			<2	<2									
Methyl Methacrylate	80-62-6	ug/L	6/24/2020		<2																								
Methyl Methacrylate	80-62-6	ug/L	10/20/2021		<1							<1					<1	<1											
Methyl Methacrylate	80-62-6	ug/L	5/1/2023																		<2	<2	<2	<2	<2				
Methyl Methanesulfonate	66-27-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Methyl Methanesulfonate	66-27-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Methyl Methanesulfonate	66-27-3	ug/L	4/4/2011									<10					<10	<10											
Methyl Methanesulfonate	66-27-3	ug/L	3/30/2013																							<10	<10		
Methyl Methanesulfonate	66-27-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Methyl Methanesulfonate	66-27-3	ug/L	6/2/2014																					<10.1					
Methyl Methanesulfonate	66-27-3	ug/L	10/15/2014																					<10					
Methyl Methanesulfonate	66-27-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Methyl Methanesulfonate	66-27-3	ug/L	4/4/2016									<10					<10	<10											
Methyl Methanesulfonate	66-27-3	ug/L	5/1/2018																		<10.4	<10.3							
Methyl Methanesulfonate	66-27-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Methyl Methanesulfonate	66-27-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Methyl Methanesulfonate	66-27-3	ug/L	6/24/2020		<10.4																								
Methyl Methanesulfonate	66-27-3	ug/L	10/20/2021		<8							<8					<8	<8											
Methyl Methanesulfonate	66-27-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Methyl methacrylate	80-62-6	ug/L	4/23/2025	<2.00										<2.00					<2.00										
Methyl methacrylate	80-62-6	ug/L	4/24/2025													<2.00													
Methyl methacrylate	80-62-6	ug/L	5/5/2025						<2.00																				
Methyl methacrylate	80-62-6	ug/L	5/6/2025										<2.00		<2.00														
Methyl methacrylate	80-62-6	ug/L	5/7/2025				<2.00													<2.00									
Methyl methacrylate	80-62-6	ug/L	5/8/2025			<2.00		<2.00																					
Methyl methacrylate	80-62-6	ug/L	5/4/2026														<2.00												
Methyl methacrylate	80-62-6	ug/L	5/6/2026															<2.00											
Methyl methanesulfonate	66-27-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Methyl methanesulfonate	66-27-3	ug/L	4/24/2025													<10.4													
Methyl methanesulfonate	66-27-3	ug/L	5/5/2025						<10.2																				
Methyl methanesulfonate	66-27-3	ug/L	5/6/2025										<10.4		<10.6														
Methyl methanesulfonate	66-27-3	ug/L	5/7/2025				<10.2													<10.6									
Methyl methanesulfonate	66-27-3	ug/L	5/8/2025			<9.80		<10.6																					
Methyl methanesulfonate	66-27-3	ug/L	5/4/2026														<10.9												
Methyl methanesulfonate	66-27-3	ug/L	5/6/2026															<10.4											
Methyl parathion	298-00-0	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Methyl parathion	298-00-0	ug/L	4/24/2025													<10.4													
Methyl parathion	298-00-0	ug/L	5/5/2025						<10.2																				
Methyl parathion	298-00-0	ug/L	5/6/2025										<10.4		<10.6														
Methyl parathion	298-00-0	ug/L	5/7/2025				<10.2													<10.6									
Methyl parathion	298-00-0	ug/L	5/8/2025			<9.80		<10.6																					
Methyl parathion	298-00-0	ug/L	5/4/2026														<10.9												
Methyl parathion	298-00-0	ug/L	5/6/2026															<10.4											
Methylene Chloride	75-09-2	ug/L	2/27/2008	<5		<5	<5	<5	<5	<5																			
Methylene Chloride	75-09-2	ug/L	5/12/2008	<5		<5	<5	<5	<5	<5																			
Methylene Chloride	75-09-2	ug/L	7/13/2008	<5		<5	<5	<5	<5	<5																			
Methylene Chloride	75-09-2	ug/L	9/14/2008	<5		<5	<5	<5	<5	<5																			
Methylene Chloride	75-09-2	ug/L	11/17/2008	<5		<5	<5	<5	<5	<5																			
Methylene Chloride	75-09-2	ug/L	4/14/2009	<5		<5	<5	<5	<5	<5																			
Methylene Chloride	75-09-2	ug/L	7/7/2009										<5	<5	<5	<5			<5	<5									
Methylene Chloride	75-09-2	ug/L	9/2/2009										<5	<5	<5	<5			<5	<5									
Methylene Chloride	75-09-2	ug/L	10/25/2009	<5		<5	<5	<5	<5	<5			<5	<5	<5	<5			<5	<5									
Methylene Chloride	75-09-2	ug/L	1/2/2010										<5	<5	<5	<5			<5	<5									
Methylene Chloride	75-09-2	ug/L	3/3/2010									<5	<5	<5	<5	<5	<5	<5	<5	<5									
Methylene Chloride	75-09-2	ug/L	5/10/2010	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5									
Methylene Chloride	75-09-2	ug/L	7/8/2010									<5					<5	<5											
Methylene Chloride	75-09-2	ug/L	9/13/2010									<5					<5	<5											
Methylene Chloride	75-09-2	ug/L	11/1/2010	<5		<5	<5	<5	<5	<5			<5	<5	<5	<5													
Methylene Chloride	75-09-2	ug/L	1/10/2011									<5					<5	<5											
Methylene Chloride	75-09-2	ug/L	4/4/2011									<5					<5	<5											
Methylene Chloride	75-09-2	ug/L	8/11/2011																							<5			
Methylene Chloride	75-09-2	ug/L	10/13/2011	<5		<5		<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5							<5			
Methylene Chloride	75-09-2	ug/L	12/5/2011				<5													<5						<5			
Methylene Chloride	75-09-2	ug/L	4/11/2012	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5						<5	<5		
Methylene Chloride	75-09-2	ug/L	6/25/2012				<5			<5																<5	<5		
Methylene Chloride	75-09-2	ug/L	8/1/2012							<5	<5										<5	<5	<5	<5	<5	<5	<5		
Methylene Chloride	75-09-2	ug/L	10/11/2012	<5		<5	<5	<5	<5		<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Methylene Chloride	75-09-2	ug/L	12/13/2012								<5										<5	<5	<5	<5	<5		<5		
Methylene Chloride	75-09-2	ug/L	2/4/2013								<5										<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	3/30/2013	<5		<5	<5	<5	<5		<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Methylene Chloride	75-09-2	ug/L	7/10/2013																		<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	10/7/2013	<5		<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5		<5		
Methylene Chloride	75-09-2	ug/L	6/2/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	10/15/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	4/6/2015	<5		<5	<5	<5	0.29J	0.174J	<5	<5	<5	<5	<5	0.172J	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	10/5/2015	0.659J		<5	<5	<5	<5	0.462J	<5	0.41J	<5	0.396J	0.527J	0.809J	0.668J	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	4/4/2016	<5		<5	<5	<5	<5	<5	<5	0.218J	<5	<5	<5	<5	0.629J	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	10/17/2016	0.277J		0.278J	0.452J	0.399J	0.547J	0.392J	0.291J	<5	0.385J	<5	0.425J	0.639J	0.59J	0.342J	0.364J	0.301J	0.687J	0.381J	0.443J	0.41J	0.441J				
Methylene Chloride	75-09-2	ug/L	4/17/2017	<5		0.377J	0.424J	0.424J	0.318J	0.409J	0.381J	0.551J	0.559J	0.686J	0.585J	0.733J	0.704J	0.546J	<5	<5	0.361J	0.424J	0.474J	0.531J	0.504J				
Methylene Chloride	75-09-2	ug/L	10/11/2017	<5		<5	<5	<5	<5	<5	<5	0.393J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	4/20/2018											0.578J					0.532J	0.541J									
Methylene Chloride	75-09-2	ug/L	4/23/2018	0.361J								0.193J	<5		0.267J	0.279J	0.178J												
Methylene Chloride	75-09-2	ug/L	4/25/2018						0.537J																				
Methylene Chloride	75-09-2	ug/L	4/30/2018			<5	<5	<5										<5											
Methylene Chloride	75-09-2	ug/L	5/1/2018								<5										0.235J	0.225J							
Methylene Chloride	75-09-2	ug/L	5/2/2018																				<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	10/16/2018	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	4/16/2019	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	3/30/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	6/24/2020		<5																								
Methylene Chloride	75-09-2	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	1/21/2021		<5																								
Methylene Chloride	75-09-2	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	10/20/2021		<5			<5	<5			<5	<5				<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	5/2/2022		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/14/2022		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	5/1/2023	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/16/2023		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	4/29/2024		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/9/2024		<5.00								<5.00														<5.00		
Methylene Chloride	75-09-2	ug/L	10/10/2024						<5.00			<5.00															<5.00		
Methylene Chloride	75-09-2	ug/L	10/14/2024																		<5.00	<5.00		<5.00					<5.00

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Methylene Chloride	75-09-2	ug/L	10/15/2024																				<5.00		<5.00				
Methylene Chloride	75-09-2	ug/L	4/23/2025	<5.00										<5.00					<5.00										
Methylene Chloride	75-09-2	ug/L	4/24/2025													<5.00													
Methylene Chloride	75-09-2	ug/L	4/30/2025		<5.00							<5.00														<5.00	<5.00		
Methylene Chloride	75-09-2	ug/L	5/5/2025						<5.00																			<5.00	
Methylene Chloride	75-09-2	ug/L	5/6/2025										<5.00		<5.00														
Methylene Chloride	75-09-2	ug/L	5/7/2025				<5.00													<5.00	<5.00	<5.00	<5.00						
Methylene Chloride	75-09-2	ug/L	5/8/2025			<5.00		<5.00																					<5.00
Methylene Chloride	75-09-2	ug/L	5/9/2025							<5.00	<5.00													<5.00	<5.00				
Methylene Chloride	75-09-2	ug/L	10/21/2025						<5.00																	<5.00	<5.00	<5.00	
Methylene Chloride	75-09-2	ug/L	10/22/2025		<5.00							<5.00	<5.00																
Methylene Chloride	75-09-2	ug/L	10/23/2025					<5.00													<5.00	<5.00	<5.00	<5.00	<5.00				
Methylene Chloride	75-09-2	ug/L	10/24/2025																										<5.00
Methylene Chloride	75-09-2	ug/L	5/4/2026									<5.00					<5.00									<5.00	<5.00		
Methylene Chloride	75-09-2	ug/L	5/5/2026		<5.00				<5.00				<5.00															<5.00	
Methylene Chloride	75-09-2	ug/L	5/6/2026							<5.00	<5.00							<5.00			<5.00								
Methylene Chloride	75-09-2	ug/L	5/8/2026					<5.00														<5.00	<5.00	<5.00	<5.00				<5.00
Methylphenol, 3 & 4	106-44-5	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Methylphenol, 3 & 4	106-44-5	ug/L	4/24/2025													<10.4													
Methylphenol, 3 & 4	106-44-5	ug/L	5/5/2025						<10.2																				
Methylphenol, 3 & 4	106-44-5	ug/L	5/6/2025										<10.4		<10.6														
Methylphenol, 3 & 4	106-44-5	ug/L	5/7/2025				<10.2													<10.6									
Methylphenol, 3 & 4	106-44-5	ug/L	5/8/2025			<9.80		<10.6																					
Methylphenol, 3 & 4	106-44-5	ug/L	5/4/2026														<10.9												
Methylphenol, 3 & 4	106-44-5	ug/L	5/6/2026															<10.4											
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/4/2011									<10					<10	<10											
N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/30/2013																							<10	<10		
N-Nitrosodi-n-butylamine	924-16-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/2/2014																					<10.1					
N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/15/2014																					<10					
N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/4/2016									<10					<10	<10											
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/1/2018																		<10.4	<10.3							
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
N-Nitrosodi-n-butylamine	924-16-3	ug/L	6/24/2020		<10.4																								
N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/20/2021		<8							<8					<8	<8											
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/23/2025	<10.4										<10.4					<10.4										
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/24/2025													<10.4													
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/5/2025						<10.2																				
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/6/2025										<10.4		<10.6														
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/7/2025				<10.2													<10.6									
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/8/2025			<9.80		<10.6																					
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/4/2026														<10.9												
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/6/2026															<10.4											
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/4/2011									<10					<10	<10											
N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/30/2013																							<10	<10		
N-Nitrosodi-n-propylamine	621-64-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/2/2014																					<10.1					
N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/15/2014																					<10					
N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/4/2016									<10					<10	<10											
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/1/2018																		<10.4	<10.3							
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
N-Nitrosodi-n-propylamine	621-64-7	ug/L	6/24/2020		<10.4																								
N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/20/2021		<8							<8					<8	<8											
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/24/2025													<10.4													
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/5/2025						<10.2																				
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/6/2025										<10.4		<10.6														
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/7/2025				<10.2													<10.6									
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/8/2025			<9.80		<10.6																					
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/4/2026														<10.9												
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/6/2026															<10.4											
N-Nitrosodiethylamine	55-18-5	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
N-Nitrosodiethylamine	55-18-5	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
N-Nitrosodiethylamine	55-18-5	ug/L	4/4/2011									<10					<10	<10											
N-Nitrosodiethylamine	55-18-5	ug/L	3/30/2013																							<10	<10		
N-Nitrosodiethylamine	55-18-5	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
N-Nitrosodiethylamine	55-18-5	ug/L	6/2/2014																					<10.1					
N-Nitrosodiethylamine	55-18-5	ug/L	10/15/2014																					<10					
N-Nitrosodiethylamine	55-18-5	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
N-Nitrosodiethylamine	55-18-5	ug/L	4/4/2016									<10					<10	<10											
N-Nitrosodiethylamine	55-18-5	ug/L	5/1/2018																		<10.4	<10.3							
N-Nitrosodiethylamine	55-18-5	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
N-Nitrosodiethylamine	55-18-5	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
N-Nitrosodiethylamine	55-18-5	ug/L	6/24/2020		<10.4																								
N-Nitrosodiethylamine	55-18-5	ug/L	10/20/2021		<8							<8					<8	<8											
N-Nitrosodiethylamine	55-18-5	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
N-Nitrosodiethylamine	55-18-5	ug/L	4/23/2025	<10.4										<10.4					<10.4										
N-Nitrosodiethylamine	55-18-5	ug/L	4/24/2025													<10.4													
N-Nitrosodiethylamine	55-18-5	ug/L	5/5/2025						<10.2																				
N-Nitrosodiethylamine	55-18-5	ug/L	5/6/2025										<10.4		<10.6														
N-Nitrosodiethylamine	55-18-5	ug/L	5/7/2025				<10.2													<10.6									
N-Nitrosodiethylamine	55-18-5	ug/L	5/8/2025			<9.80		<10.6																					
N-Nitrosodiethylamine	55-18-5	ug/L	5/4/2026														<10.9												
N-Nitrosodiethylamine	55-18-5	ug/L	5/6/2026															<10.4											
N-Nitrosodimethylamine	62-75-9	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
N-Nitrosodimethylamine	62-75-9	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
N-Nitrosodimethylamine	62-75-9	ug/L	4/4/2011									<10					<10	<10											
N-Nitrosodimethylamine	62-75-9	ug/L	3/30/2013																							<10	<10		
N-Nitrosodimethylamine	62-75-9	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
N-Nitrosodimethylamine	62-75-9	ug/L	6/2/2014																					<10.1					
N-Nitrosodimethylamine	62-75-9	ug/L	10/15/2014																					<10					
N-Nitrosodimethylamine	62-75-9	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
N-Nitrosodimethylamine	62-75-9	ug/L	4/4/2016									<10					<10	<10											
N-Nitrosodimethylamine	62-75-9	ug/L	5/1/2018																		<10.4	<10.3							
N-Nitrosodimethylamine	62-75-9	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
N-Nitrosodimethylamine	62-75-9	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
N-Nitrosodimethylamine	62-75-9	ug/L	6/24/2020		<10.4																								
N-Nitrosodimethylamine	62-75-9	ug/L	10/20/2021		<8							<8					<8	<8											
N-Nitrosodimethylamine	62-75-9	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
N-Nitrosodimethylamine	62-75-9	ug/L	4/23/2025	<10.4										<10.4					<10.4										
N-Nitrosodimethylamine	62-75-9	ug/L	4/24/2025													<10.4													
N-Nitrosodimethylamine	62-75-9	ug/L	5/5/2025						<10.2																				
N-Nitrosodimethylamine	62-75-9	ug/L	5/6/2025										<10.4		<10.6														
N-Nitrosodimethylamine	62-75-9	ug/L	5/7/2025				<10.2													<10.6									
N-Nitrosodimethylamine	62-75-9	ug/L	5/8/2025			<9.80		<10.6																					
N-Nitrosodimethylamine	62-75-9	ug/L	5/4/2026														<10.9												
N-Nitrosodimethylamine	62-75-9	ug/L	5/6/2026															<10.4											
N-Nitrosodiphenylamine	86-30-6	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
N-Nitrosodiphenylamine	86-30-6	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
N-Nitrosodiphenylamine	86-30-6	ug/L	4/4/2011									<10					<10	<10											
N-Nitrosodiphenylamine	86-30-6	ug/L	3/30/2013																							<10	<10		
N-Nitrosodiphenylamine	86-30-6	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
N-Nitrosodiphenylamine	86-30-6	ug/L	6/2/2014																					<10.1					
N-Nitrosodiphenylamine	86-30-6	ug/L	10/15/2014																					<10					
N-Nitrosodiphenylamine	86-30-6	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
N-Nitrosodiphenylamine	86-30-6	ug/L	4/4/2016									<10					<10	<10											
N-Nitrosodiphenylamine	86-30-6	ug/L	5/1/2018																		<10.4	<10.3							

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
N-Nitrosodiphenylamine	86-30-6	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
N-Nitrosodiphenylamine	86-30-6	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
N-Nitrosodiphenylamine	86-30-6	ug/L	6/24/2020		<10.4																								
N-Nitrosodiphenylamine	86-30-6	ug/L	10/20/2021		<8							<8					<8	<8											
N-Nitrosodiphenylamine	86-30-6	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
N-Nitrosodiphenylamine	86-30-6	ug/L	4/23/2025	<10.4										<10.4					<10.4										
N-Nitrosodiphenylamine	86-30-6	ug/L	4/24/2025													<10.4													
N-Nitrosodiphenylamine	86-30-6	ug/L	5/5/2025						<10.2																				
N-Nitrosodiphenylamine	86-30-6	ug/L	5/6/2025										<10.4		<10.6														
N-Nitrosodiphenylamine	86-30-6	ug/L	5/7/2025				<10.2													<10.6									
N-Nitrosodiphenylamine	86-30-6	ug/L	5/8/2025			<9.80		<10.6																					
N-Nitrosodiphenylamine	86-30-6	ug/L	5/4/2026														<10.9												
N-Nitrosodiphenylamine	86-30-6	ug/L	5/6/2026															<10.4											
N-Nitrosomethylethalamine	10595-95-6	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
N-Nitrosomethylethalamine	10595-95-6	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
N-Nitrosomethylethalamine	10595-95-6	ug/L	4/4/2011									<10					<10	<10											
N-Nitrosomethylethalamine	10595-95-6	ug/L	3/30/2013																							<10	<10		
N-Nitrosomethylethalamine	10595-95-6	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
N-Nitrosomethylethalamine	10595-95-6	ug/L	6/2/2014																					<10.1					
N-Nitrosomethylethalamine	10595-95-6	ug/L	10/15/2014																					<10					
N-Nitrosomethylethalamine	10595-95-6	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
N-Nitrosomethylethalamine	10595-95-6	ug/L	4/4/2016									<10					<10	<10											
N-Nitrosomethylethalamine	10595-95-6	ug/L	5/1/2018																		<10.4	<10.3							
N-Nitrosomethylethalamine	10595-95-6	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
N-Nitrosomethylethalamine	10595-95-6	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
N-Nitrosomethylethalamine	10595-95-6	ug/L	6/24/2020		<10.4																								
N-Nitrosomethylethalamine	10595-95-6	ug/L	10/20/2021		<8							<8					<8	<8											
N-Nitrosomethylethalamine	10595-95-6	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
N-Nitrosomethylethylamine	10595-95-6	ug/L	4/23/2025	<10.4										<10.4					<10.4										
N-Nitrosomethylethylamine	10595-95-6	ug/L	4/24/2025													<10.4													
N-Nitrosomethylethylamine	10595-95-6	ug/L	5/5/2025						<10.2																				
N-Nitrosomethylethylamine	10595-95-6	ug/L	5/6/2025										<10.4		<10.6														
N-Nitrosomethylethylamine	10595-95-6	ug/L	5/7/2025				<10.2													<10.6									
N-Nitrosomethylethylamine	10595-95-6	ug/L	5/8/2025			<9.80		<10.6																					
N-Nitrosomethylethylamine	10595-95-6	ug/L	5/4/2026														<10.9												
N-Nitrosomethylethylamine	10595-95-6	ug/L	5/6/2026															<10.4											
N-Nitrosopiperidine	100-75-4	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
N-Nitrosopiperidine	100-75-4	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
N-Nitrosopiperidine	100-75-4	ug/L	4/4/2011									<10					<10	<10											
N-Nitrosopiperidine	100-75-4	ug/L	3/30/2013																							<10	<10		
N-Nitrosopiperidine	100-75-4	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
N-Nitrosopiperidine	100-75-4	ug/L	6/2/2014																					<10.1					
N-Nitrosopiperidine	100-75-4	ug/L	10/15/2014																					<10					
N-Nitrosopiperidine	100-75-4	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
N-Nitrosopiperidine	100-75-4	ug/L	4/4/2016									<10					<10	<10											
N-Nitrosopiperidine	100-75-4	ug/L	5/1/2018																		<10.4	<10.3							
N-Nitrosopiperidine	100-75-4	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
N-Nitrosopiperidine	100-75-4	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
N-Nitrosopiperidine	100-75-4	ug/L	6/24/2020		<10.4																								
N-Nitrosopiperidine	100-75-4	ug/L	10/20/2021		<8							<8					<8	<8											
N-Nitrosopiperidine	100-75-4	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
N-Nitrosopiperidine	100-75-4	ug/L	4/23/2025	<10.4										<10.4					<10.4										
N-Nitrosopiperidine	100-75-4	ug/L	4/24/2025													<10.4													
N-Nitrosopiperidine	100-75-4	ug/L	5/5/2025						<10.2																				
N-Nitrosopiperidine	100-75-4	ug/L	5/6/2025										<10.4		<10.6														
N-Nitrosopiperidine	100-75-4	ug/L	5/7/2025				<10.2													<10.6									
N-Nitrosopiperidine	100-75-4	ug/L	5/8/2025			<9.80		<10.6																					
N-Nitrosopiperidine	100-75-4	ug/L	5/4/2026														<10.9												
N-Nitrosopiperidine	100-75-4	ug/L	5/6/2026															<10.4											
N-Nitrosopyrrolidine	930-55-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
N-Nitrosopyrrolidine	930-55-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
N-Nitrosopyrrolidine	930-55-2	ug/L	4/4/2011									<10					<10	<10											
N-Nitrosopyrrolidine	930-55-2	ug/L	3/30/2013																							<10	<10		
N-Nitrosopyrrolidine	930-55-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
N-Nitrosopyrrolidine	930-55-2	ug/L	6/2/2014																					<10.1					
N-Nitrosopyrrolidine	930-55-2	ug/L	10/15/2014																					<10					
N-Nitrosopyrrolidine	930-55-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
N-Nitrosopyrrolidine	930-55-2	ug/L	4/4/2016									<10					<10	<10											
N-Nitrosopyrrolidine	930-55-2	ug/L	5/1/2018																		<10.4	<10.3							
N-Nitrosopyrrolidine	930-55-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
N-Nitrosopyrrolidine	930-55-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
N-Nitrosopyrrolidine	930-55-2	ug/L	6/24/2020		<10.4																								
N-Nitrosopyrrolidine	930-55-2	ug/L	10/20/2021		<8							<8					<8	<8											
N-Nitrosopyrrolidine	930-55-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
N-Nitrosopyrrolidine	930-55-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
N-Nitrosopyrrolidine	930-55-2	ug/L	4/24/2025													<10.4													
N-Nitrosopyrrolidine	930-55-2	ug/L	5/5/2025						<10.2																				
N-Nitrosopyrrolidine	930-55-2	ug/L	5/6/2025										<10.4		<10.6														
N-Nitrosopyrrolidine	930-55-2	ug/L	5/7/2025				<10.2													<10.6									
N-Nitrosopyrrolidine	930-55-2	ug/L	5/8/2025			<9.80		<10.6																					
N-Nitrosopyrrolidine	930-55-2	ug/L	5/4/2026														<10.9												
N-Nitrosopyrrolidine	930-55-2	ug/L	5/6/2026															<10.4											
Naphthalene	91-20-3	ug/L	4/14/2009	<5		<5	<5	<5	<5	<5																			
Naphthalene	91-20-3	ug/L	5/10/2010	<5		<5	<5	<5	<5	<5			<5	<5	<5	<5			<5	<5									
Naphthalene	91-20-3	ug/L	4/4/2011									<5					<5	<5											
Naphthalene	91-20-3	ug/L	10/11/2012								<5																		
Naphthalene	91-20-3	ug/L	3/30/2013																							<5	<5		
Naphthalene	91-20-3	ug/L	7/10/2013																		<5	<5	<5	<5	<5				
Naphthalene	91-20-3	ug/L	10/7/2013								<5																		
Naphthalene	91-20-3	ug/L	10/5/2015	<5		<5	<5	<5	<5				<5	<5	<5	<5			<5	<5									
Naphthalene	91-20-3	ug/L	4/4/2016									<5					<5	<5											
Naphthalene	91-20-3	ug/L	5/1/2018																		<5	<5							
Naphthalene	91-20-3	ug/L	5/2/2018																				<5	<5	<5				
Naphthalene	91-20-3	ug/L	3/30/2020	<5		<5	<5	<5	<5				<5	<5	<5	<5			<5	<5									
Naphthalene	91-20-3	ug/L	6/24/2020		<5																								
Naphthalene	91-20-3	ug/L	10/20/2021		<8							<8					<8	<8											
Naphthalene	91-20-3	ug/L	5/1/2023																		<5	<5	<5	<5	<5				
Naphthalene	91-20-3	ug/L	4/23/2025	<5.00										<5.00					<5.00										
Naphthalene	91-20-3	ug/L	4/24/2025													<5.00													
Naphthalene	91-20-3	ug/L	5/5/2025						<5.00																				
Naphthalene	91-20-3	ug/L	5/6/2025										<5.00		<5.00														
Naphthalene	91-20-3	ug/L	5/7/2025				<5.00													<5.00									
Naphthalene	91-20-3	ug/L	5/8/2025			<5.00		<5.00																					
Naphthalene	91-20-3	ug/L	5/4/2026														<5.00												
Naphthalene	91-20-3	ug/L	5/6/2026															<5.00											
Nickel	7440-02-0	mg/L	2/27/2008	0.013		<0.01	0.035	0.016	0.021	<0.01																			
Nickel	7440-02-0	mg/L	5/12/2008	<0.01		<0.01	0.022	<0.01	<0.01	<0.01																			
Nickel	7440-02-0	mg/L	7/13/2008	0.011		0.013	0.03	<0.01	<0.01	<0.01																			
Nickel	7440-02-0	mg/L	9/14/2008	<0.01		<0.01	0.02	<0.01	0.015	0.011																			
Nickel	7440-02-0	mg/L	11/17/2008	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05																			
Nickel	7440-02-0	mg/L	4/14/2009	0.041		<0.01	0.019	<0.01	<0.01	<0.01																			
Nickel	7440-02-0	mg/L	7/7/2009	<0.01			0.015			<0.01			0.021	<0.01	<0.01	0.038			<0.01	<0.01									
Nickel	7440-02-0	mg/L	9/2/2009	<0.01			0.02			<0.01			0.024	0.022	<0.01	0.022			<0.01	<0.01									
Nickel	7440-02-0	mg/L	10/25/2009	<0.01		0.012	0.022	<0.01	<0.01	<0.01			0.044	<0.01	0.03	0.021; 0.02			<0.01	<0.01									
Nickel	7440-02-0	mg/L	1/2/2010	<0.01			0.017			<0.01			0.2	<0.01	<0.01	0.016; 0.015			<0.01	<0.01									
Nickel	7440-02-0	mg/L	3/3/2010									0.62	0.061	<0.01	0.016	0.015	0.026; 0.024	<0.01	<0.01	<0.01									
Nickel	7440-02-0	mg/L	5/10/2010	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05									
Nickel	7440-02-0	mg/L	7/8/2010							<0.01		0.016					0.012	0.026											
Nickel	7440-02-0	mg/L	9/13/2010							<0.01		0.038					0.024	0.039											
Nickel	7440-02-0	mg/L	11/1/2010										0.057	<0.01	<0.01	0.019													
Nickel	7440-02-0	mg/L	1/10/2011							<0.05		<0.05					<0.05	<0.05											
Nickel	7440-02-0	mg/L	4/4/2011									<0.05	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.01										
Nickel	7440-02-0	mg/L	7/8/2011							<0.01		0.012					<0.01	0.023											
Nickel	7440-02-0	mg/L	8/11/2011							<0.01		0.017					0.032	0.028; 0.025								<0.01			
Nickel	7440-02-0	mg/L	10/13/2011	<0.15		<0.05		<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05							<0.05			
Nickel	7440-02-0	mg/L	12/5/2011				<0.05			<0.05		<0.05					<0.05	<0.05		<0.05						<0.05			
Nickel	7440-02-0	mg/L	4/11/2012	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05						<0.05	<0.05		

Table 9A
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Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Nickel	7440-02-0	mg/L	6/25/2012					<0.05		<0.05																<0.05	<0.05		
Nickel	7440-02-0	mg/L	8/1/2012							<0.05	<0.05										<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Nickel	7440-02-0	mg/L	10/11/2012	<0.05		<0.05	<0.05	<0.05	<0.05		<0.05	<0.05		<0.05	<0.05	<0.05	0.0902	<0.05	<0.05	<0.05	0.0594	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Nickel	7440-02-0	mg/L	12/13/2012								0.0811										<0.05	0.0518	<0.05	<0.05	0.205		<0.05		
Nickel	7440-02-0	mg/L	2/4/2013								0.105										<0.05	<0.05	<0.05	<0.05	<0.05				
Nickel	7440-02-0	mg/L	3/30/2013	<0.05		<0.05	<0.05	<0.05	<0.05		<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Nickel	7440-02-0	mg/L	7/10/2013																		0.0535	<0.05	<0.05	<0.05	<0.05				
Nickel	7440-02-0	mg/L	10/7/2013	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.147	<0.05	<0.05	<0.05	<0.05	0.0888	<0.05	<0.05	<0.05	<0.05	<0.05		
Nickel	7440-02-0	mg/L	6/2/2014	<0.05		<0.1	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.1	0.0127J	0.0415J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.05				
Nickel	7440-02-0	mg/L	10/15/2014	0.0102J; 0.0095J		<0.05	0.0238J	<0.05	0.0135J	<0.05	<0.05	0.0101J	0.00997J	0.00784J	0.0108J	0.0232J	0.0278J	0.00953J	0.00918J	0.0131J	0.00944J	<0.05	<0.05	<0.05	<0.05				
Nickel	7440-02-0	mg/L	4/6/2015	0.000806J		0.000078J; 0.000669J	0.00794	0.000872J	0.00148J	0.0011J	0.00175J	<0.005	0.00114J	0.0018J	<0.005	0.018	0.0463	0.00733	0.00554	0.00281J	0.00679	<0.005	<0.005	<0.005	0.00133J				
Nickel	7440-02-0	mg/L	10/5/2015	0.000981J		<0.005	0.00507	0.00121J	0.00948	0.00153J	0.000588J	0.000761J	0.00553	<0.005	0.000982J	0.0249	0.0485	0.0076	0.00251J	0.00243J	0.00724	0.00158J; 0.000947J	0.000628J	0.000713J	<0.005				
Nickel	7440-02-0	mg/L	4/4/2016	<0.005		<0.005	0.00536; 0.00572	<0.005	<0.005	<0.005	<0.005	<0.005	0.00481J	<0.005	<0.005	0.00992	0.0527	0.00849	0.00155J	0.00176J	0.00758	<0.005	<0.005	<0.005	<0.005				
Nickel	7440-02-0	mg/L	10/17/2016	<0.005		0.00254J	0.00619	<0.005	0.00511	<0.005	<0.005	<0.005	0.00537	<0.005	<0.005	0.0218	0.0274	0.00771	<0.005	<0.005	0.00547	<0.005	<0.005	<0.005	<0.005				
Nickel	7440-02-0	mg/L	4/17/2017	<0.005		0.00176J	0.00433J	0.000974J	0.00093J	<0.005	<0.005	<0.005	0.00345J	<0.005	<0.005	0.00766	0.00125J	0.0122	0.00669	0.0022J	0.00585	<0.005	<0.005	<0.005	<0.005				
Nickel	7440-02-0	mg/L	10/11/2017	<0.005		0.00124J	0.00773	<0.005	0.00773	0.00226J	<0.005	<0.005	0.00525	<0.005	<0.005	0.014	0.025	0.00426J	<0.005	0.00178J	0.00545	<0.005	<0.005	<0.005	<0.005				
Nickel	7440-02-0	mg/L	4/20/2018											<0.005					<0.005	0.0026J									
Nickel	7440-02-0	mg/L	4/23/2018	<0.005								<0.005	0.00167J		<0.005	0.00692	<0.005												
Nickel	7440-02-0	mg/L	4/25/2018					<0.005			<0.005																		
Nickel	7440-02-0	mg/L	4/30/2018			<0.005; 0.00203J	0.00594	<0.005										0.00746											
Nickel	7440-02-0	mg/L	5/1/2018																		0.00538	<0.005							
Nickel	7440-02-0	mg/L	5/2/2018																				<0.005	<0.005	<0.005				
Nickel	7440-02-0	mg/L	10/16/2018	0.000952J		0.00118J	0.00521	0.00109J	0.00362	0.00074J	0.000695J	0.00104J	0.00254	0.000872J	<0.002	0.00424	0.0016J	0.00855	0.00105J	0.00218	0.0064	<0.005	<0.005	<0.005	<0.005				
Nickel	7440-02-0	mg/L	4/16/2019	<0.005		<0.005	0.00363J	<0.005	0.00208J	<0.005	<0.005	<0.005	0.00231J	<0.005	<0.005	0.00506	<0.005	0.00647	<0.005	<0.005	0.00561	<0.005	<0.005	<0.005	<0.005				
Nickel	7440-02-0	mg/L	10/1/2019	<0.005	0.00342J	<0.005	0.0061	<0.005	0.00311J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00387J	<0.005	0.0042J	<0.005	0.00282J	0.00373J	<0.005	<0.005	<0.005	<0.005				
Nickel	7440-02-0	mg/L	3/30/2020	<0.005	0.00661	<0.005	0.0034J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00387J	0.0026J	<0.005	0.00349J	<0.005	0.00556	<0.005	<0.005	0.00534	<0.005	<0.005	<0.005	<0.005				
Nickel	7440-02-0	mg/L	6/24/2020		0.00482J																								
Nickel	7440-02-0	mg/L	10/7/2020	<0.005	0.0057	<0.005	0.00788	<0.005	0.0166	0.00237J	<0.005	<0.005	0.00288J	<0.005	<0.005	0.0156	<0.005	0.00324J	<0.005	<0.005	0.00535	<0.005	<0.005	<0.005	<0.005				
Nickel	7440-02-0	mg/L	1/21/2021		0.0063																								
Nickel	7440-02-0	mg/L	4/13/2021	0.0011J	0.005	0.0021J	0.0044	0.0012J	0.0017J; 0.0016J	0.0008J	<0.004	0.001J	0.0014J	<0.004	<0.004	0.0028J	0.0023J	0.0046	0.001J	0.0022J	0.0065	0.0009J	<0.004	<0.004	<0.004				
Nickel	7440-02-0	mg/L	10/20/2021		0.0048			0.0016J; 0.0013J	0.0144			<0.004	0.0014J				0.0016J	0.002J			0.0054	<0.004	<0.004	0.0014J	0.0024J	0.0016J	0.0077	0.0031J	0.0048
Nickel	7440-02-0	mg/L	5/2/2022	<0.004	0.0044	0.0018J	0.0065	0.0015J	0.0058	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0029J	<0.004	0.0036J	0.0042	0.0041	0.0052	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0029J	0.0042
Nickel	7440-02-0	mg/L	10/14/2022		0.0048		0.0088	<0.004; 0.0014J	0.0292			0.0013J	0.012								0.0062	0.0019J	<0.004	<0.004	<0.004	0.0024J	0.0022J	0.0191	0.0049
Nickel	7440-02-0	mg/L	5/1/2023	<0.005	0.00234J	<0.005	0.00868	<0.005	0.00476J; 0.00489J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00318J	<0.005	0.00226J	0.00494J	0.00231J	0.00276J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00205J	0.0042J
Nickel	7440-02-0	mg/L	10/16/2023		<0.005		0.0097	<0.005	0.0026J			<0.005	<0.005								0.00354J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00439J	0.00346J
Nickel	7440-02-0	mg/L	4/29/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00236J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Nickel	7440-02-0	mg/L	10/9/2024		<0.00500								<0.00500																
Nickel	7440-02-0	mg/L	10/10/2024						0.0211			<0.00500														<0.00500		0.00322J	
Nickel	7440-02-0	mg/L	10/14/2024																		0.00417J	<0.00500		<0.00500					0.00282J
Nickel	7440-02-0	mg/L	10/15/2024				0.00768																<0.00500		<0.00500				
Nickel	7440-02-0	mg/L	4/23/2025	<0.00500										<0.00500					<0.00500										
Nickel	7440-02-0	mg/L	4/24/2025													0.00257	<0.00500												
Nickel	7440-02-0	mg/L	4/30/2025		<0.00500							<0.00500														<0.00500	<0.00500		
Nickel	7440-02-0	mg/L	5/5/2025						0.00753																			<0.00500	
Nickel	7440-02-0	mg/L	5/6/2025										<0.00500		<0.00500														
Nickel	7440-02-0	mg/L	5/7/2025				0.00546													0.00258	0.00429	<0.00500	<0.00500						
Nickel	7440-02-0	mg/L	5/8/2025			<0.00500		<0.00500																					<0.00500
Nickel	7440-02-0	mg/L	5/9/2025							<0.00500	0.00278							<0.00500						<0.00500	<0.00500				
Nickel	7440-02-0	mg/L	10/21/2025						0.0244																	<0.00500	0.00424	0.00989	
Nickel	7440-02-0	mg/L	10/22/2025		<0.00500							<0.00500	<0.00500																
Nickel	7440-02-0	mg/L	10/23/2025					0.00621													0.00407	<0.00500	<0.00500	<0.00500	<0.00500				
Nickel	7440-02-0	mg/L	10/24/2025				0.0474																						0.00295
Nickel	7440-02-0	mg/L	5/4/2026									0.000902					0.00144									<0.00200	<0.00200		
Nickel	7440-02-0	mg/L	5/5/2026		0.00138				0.00249				<0.00200		<0.00200	0.00224												0.00253	
Nickel	7440-02-0	mg/L	5/6/2026	0.000843		0.00189				0.000816	<0.00200			<0.00200				0.00283	0.00137	0.00756	0.00434								
Nickel	7440-02-0	mg/L	5/8/2026				0.0123	0.00177														0.000955	<0.00200	<0.00200	0.00253				0.00210
Nitrate (NO3)	14797-55-8	mg/L	4/6/2015	0.686		1.96	<0.1	0.822	<0.1	<0.1	8.47	4.51	1.73	7.18	6.99	<0.1	<0.1	<0.1	0.478	<0.1	<0.1	0.614	0.0615J	<0.1	<0.1	4.61	0.327		
Nitrate (NO3)	14797-55-8	mg/L	10/5/2015	0.604		1.37	<0.1	0.756	<0.1	0.0813J	9.89	5.22	<0.1	6.36	7.44	0.119	<0.1	<0.1	0.497	<0.1	<0.1	0.669	0.0816J	0.095J	0.0905J	6.42	0.185		
Nitrate (NO3)	14797-55-8	mg/L	4/4/2016	0.791		1.84	1.13	0.653	<0.1	<0.1	9.81	4.75	<0.1	1.1	18.2	<0.1	<0.1	0.837	0.352	2.41	<0.1	0.86	0.122	<0.1	<0.1	6.47	<0.1		
Nitrate (NO3)	14797-55-8	mg/L	10/17/2016	0.792		0.777	<0.1	0.476	<0.1	<0.1	9.22	4.8	<0.1	6.75	6.85	<0.1	<0.1	<0.1	0.189	0.0566J	0.0529J	1.1	0.114	<0.1	<0.1	7.24	0.14		
Nitrobenzene	98-95-3	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10			<10																
Nitrobenzene	98-95-3	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Nitrobenzene	98-95-3	ug/L	4/4/2011									<10					<10	<10											
Nitrobenzene	98-95-3	ug/L	3/30/2013																							<10	<10		
Nitrobenzene	98-95-3	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Nitrobenzene	98-95-3	ug/L	6/2/2014																					<10.1					
Nitrobenzene	98-95-3	ug/L	10/15/2014																					<10					
Nitrobenzene	98-95-3	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Nitrobenzene	98-95-3	ug/L	4/4/2016									<10					<10	<10											
Nitrobenzene	98-95-3	ug/L	5/1/2018																		<10.4	<10.3							
Nitrobenzene	98-95-3	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Nitrobenzene	98-95-3	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Nitrobenzene	98-95-3	ug/L	6/24/2020		<10.4																								
Nitrobenzene	98-95-3	ug/L	10/20/2021		<8							<8					<8	<8											
Nitrobenzene	98-95-3	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
O-Xylene	95-47-6	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
PCB-1016	12674-11-2	ug/L	4/14/2009	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8																			
PCB-1016	12674-11-2	ug/L	5/10/2010	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8			<0.8	<0.8	<0.8	<0.8			<0.8	<0.8									
PCB-1016	12674-11-2	ug/L	4/4/2011									<0.8					<0.8	<0.8											
PCB-1016	12674-11-2	ug/L	3/30/2013																							<0.8	<0.8		
PCB-1016	12674-11-2	ug/L	7/10/2013																		<0.833	<0.808	<0.808	<0.976	<0.816				
PCB-1016	12674-11-2	ug/L	10/5/2015	<0.808		<0.86	<0.8	<0.833	<0.816				<0.816	<0.808	<0.8	<0.808			<0.87	<0.8									
PCB-1016	12674-11-2	ug/L	4/4/2016									<0.8					<0.8	<0.8											
PCB-1016	12674-11-2	ug/L	5/1/2018																		<0.816	<0.833							
PCB-1016	12674-11-2	ug/L	5/2/2018																				<0.851	<0.851	<0.833				
PCB-1016	12674-11-2	ug/L	3/30/2020	<0.833		<0.842	<0.833	<0.86	<0.842				<0.842	<0.833	<0.833	<0.833			<0.825	<0.825									
PCB-1016	12674-11-2	ug/L	6/24/2020		<0.842																								
PCB-1016	12674-11-2	ug/L	10/20/2021		<0.1							<0.1					<0.1	<0.1											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
PCB-1016	12674-11-2	ug/L	5/1/2023																		<0.8	<0.93	<0.889	<0.8	<0.8				
PCB-1016	12674-11-2	ug/L	4/23/2025	<1.82										<1.79					<1.81										
PCB-1016	12674-11-2	ug/L	4/24/2025													<1.84													
PCB-1016	12674-11-2	ug/L	5/5/2025						<1.79																				
PCB-1016	12674-11-2	ug/L	5/6/2025										<1.81		<1.80														
PCB-1016	12674-11-2	ug/L	5/7/2025				<1.81													<1.81									
PCB-1016	12674-11-2	ug/L	5/8/2025			<1.76		<1.81																					
PCB-1016	12674-11-2	ug/L	5/4/2026														<1.87												
PCB-1016	12674-11-2	ug/L	5/5/2026										<1.86																
PCB-1016	12674-11-2	ug/L	5/6/2026															<1.83											
PCB-1221	11104-28-2	ug/L	4/14/2009	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8																			
PCB-1221	11104-28-2	ug/L	5/10/2010	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8			<0.8	<0.8	<0.8	<0.8			<0.8	<0.8									
PCB-1221	11104-28-2	ug/L	4/4/2011									<0.8					<0.8	<0.8											
PCB-1221	11104-28-2	ug/L	3/30/2013																							<0.8	<0.8		
PCB-1221	11104-28-2	ug/L	7/10/2013																		<0.833	<0.808	<0.808	<0.976	<0.816				
PCB-1221	11104-28-2	ug/L	10/5/2015	<0.808		<0.86	<0.8	<0.833	<0.816				<0.816	<0.808	<0.8	<0.808			<0.87	<0.8									
PCB-1221	11104-28-2	ug/L	4/4/2016									<0.8					<0.8	<0.8											
PCB-1221	11104-28-2	ug/L	5/1/2018																		<0.816	<0.833							
PCB-1221	11104-28-2	ug/L	5/2/2018																				<0.851	<0.851	<0.833				
PCB-1221	11104-28-2	ug/L	3/30/2020	<0.833		<0.842	<0.833	<0.86	<0.842				<0.842	<0.833	<0.833	<0.833			<0.825	<0.825									
PCB-1221	11104-28-2	ug/L	6/24/2020		<0.842																								
PCB-1221	11104-28-2	ug/L	10/20/2021		<0.2							<0.2					<0.2	<0.2											
PCB-1221	11104-28-2	ug/L	5/1/2023																		<0.8	<0.93	<0.889	<0.8	<0.8				
PCB-1221	11104-28-2	ug/L	4/23/2025	<1.82										<1.79					<1.81										
PCB-1221	11104-28-2	ug/L	4/24/2025													<1.84													
PCB-1221	11104-28-2	ug/L	5/5/2025						<1.79																				
PCB-1221	11104-28-2	ug/L	5/6/2025										10.2		<1.80														
PCB-1221	11104-28-2	ug/L	5/7/2025				<1.81													<1.81									
PCB-1221	11104-28-2	ug/L	5/8/2025			<1.76		<1.81																					
PCB-1221	11104-28-2	ug/L	10/22/2025										<1.86																
PCB-1221	11104-28-2	ug/L	5/4/2026														<1.87												
PCB-1221	11104-28-2	ug/L	5/5/2026										<1.86																
PCB-1221	11104-28-2	ug/L	5/6/2026															<1.83											
PCB-1232	11141-16-5	ug/L	4/14/2009	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8																			
PCB-1232	11141-16-5	ug/L	5/10/2010	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8			<0.8	<0.8	<0.8	<0.8			<0.8	<0.8									
PCB-1232	11141-16-5	ug/L	4/4/2011									<0.8					<0.8	<0.8											
PCB-1232	11141-16-5	ug/L	3/30/2013																							<0.8	<0.8		
PCB-1232	11141-16-5	ug/L	7/10/2013																		<0.833	<0.808	<0.808	<0.976	<0.816				
PCB-1232	11141-16-5	ug/L	10/5/2015	<0.808		<0.86	<0.8	<0.833	<0.816				<0.816	<0.808	<0.8	<0.808			<0.87	<0.8									
PCB-1232	11141-16-5	ug/L	4/4/2016									<0.8					<0.8	<0.8											
PCB-1232	11141-16-5	ug/L	5/1/2018																		<0.816	<0.833							
PCB-1232	11141-16-5	ug/L	5/2/2018																				<0.851	<0.851	<0.833				
PCB-1232	11141-16-5	ug/L	3/30/2020	<0.833		<0.842	<0.833	<0.86	<0.842				<0.842	<0.833	<0.833	<0.833			<0.825	<0.825									
PCB-1232	11141-16-5	ug/L	6/24/2020		<0.842																								
PCB-1232	11141-16-5	ug/L	10/20/2021		<0.2							<0.2					<0.2	<0.2											
PCB-1232	11141-16-5	ug/L	5/1/2023																		<0.8	<0.93	<0.889	<0.8	<0.8				
PCB-1232	11141-16-5	ug/L	4/23/2025	<1.82										<1.79					<1.81										
PCB-1232	11141-16-5	ug/L	4/24/2025													<1.84													
PCB-1232	11141-16-5	ug/L	5/5/2025						<1.79																				
PCB-1232	11141-16-5	ug/L	5/6/2025										<1.81		<1.80														
PCB-1232	11141-16-5	ug/L	5/7/2025				<1.81													<1.81									
PCB-1232	11141-16-5	ug/L	5/8/2025			<1.76		<1.81																					
PCB-1232	11141-16-5	ug/L	5/4/2026														<1.87												
PCB-1232	11141-16-5	ug/L	5/5/2026										<1.86																
PCB-1232	11141-16-5	ug/L	5/6/2026															<1.83											
PCB-1242	53469-21-9	ug/L	4/14/2009	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8																			
PCB-1242	53469-21-9	ug/L	5/10/2010	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8			<0.8	<0.8	<0.8	<0.8			<0.8	<0.8									
PCB-1242	53469-21-9	ug/L	4/4/2011									<0.8					<0.8	<0.8											
PCB-1242	53469-21-9	ug/L	3/30/2013																							<0.8	<0.8		
PCB-1242	53469-21-9	ug/L	7/10/2013																		<0.833	<0.808	<0.808	<0.976	<0.816				
PCB-1242	53469-21-9	ug/L	10/5/2015	<0.808		<0.86	<0.8	<0.833	<0.816				<0.816	<0.808	<0.8	<0.808			<0.87	<0.8									
PCB-1242	53469-21-9	ug/L	4/4/2016									<0.8					<0.8	<0.8											
PCB-1242	53469-21-9	ug/L	5/1/2018																		<0.816	<0.833							
PCB-1242	53469-21-9	ug/L	5/2/2018																				<0.851	<0.851	<0.833				
PCB-1242	53469-21-9	ug/L	3/30/2020	<0.833		<0.842	<0.833	<0.86	<0.842				<0.842	<0.833	<0.833	<0.833			<0.825	<0.825									
PCB-1242	53469-21-9	ug/L	6/24/2020		<0.842																								
PCB-1242	53469-21-9	ug/L	10/20/2021		<0.2							<0.2					<0.2	<0.2											
PCB-1242	53469-21-9	ug/L	5/1/2023																		<0.8	<0.93	<0.889	<0.8	<0.8				
PCB-1242	53469-21-9	ug/L	4/23/2025	<1.82										<1.79					<1.81										
PCB-1242	53469-21-9	ug/L	4/24/2025													<1.84													
PCB-1242	53469-21-9	ug/L	5/5/2025						<1.79																				
PCB-1242	53469-21-9	ug/L	5/6/2025										<1.81		<1.80														
PCB-1242	53469-21-9	ug/L	5/7/2025				<1.81													<1.81									
PCB-1242	53469-21-9	ug/L	5/8/2025			<1.76		<1.81																					
PCB-1242	53469-21-9	ug/L	5/4/2026														<1.87												
PCB-1242	53469-21-9	ug/L	5/5/2026										<1.86																
PCB-1242	53469-21-9	ug/L	5/6/2026															<1.83											
PCB-1248	12672-29-6	ug/L	4/14/2009	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8																			
PCB-1248	12672-29-6	ug/L	5/10/2010	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8			<0.8	<0.8	<0.8	<0.8			<0.8	<0.8									
PCB-1248	12672-29-6	ug/L	4/4/2011									<0.8					<0.8	<0.8											
PCB-1248	12672-29-6	ug/L	3/30/2013																							<0.8	<0.8		
PCB-1248	12672-29-6	ug/L	7/10/2013																		<0.833	<0.808	<0.808	<0.976	<0.816				
PCB-1248	12672-29-6	ug/L	10/5/2015	<0.808		<0.86	<0.8	<0.833	<0.816				<0.816	<0.808	<0.8	<0.808			<0.87	<0.8									
PCB-1248	12672-29-6	ug/L	4/4/2016									<0.8					<0.8	<0.8											
PCB-1248	12672-29-6	ug/L	5/1/2018																		<0.816	<0.833							
PCB-1248	12672-29-6	ug/L	5/2/2018																				<0.851	<0.851	<0.833				
PCB-1248	12672-29-6	ug/L	3/30/2020	<0.833		<0.842	<0.833	<0.86	<0.842				<0.842	<0.833	<0.833	<0.833			<0.825	<0.825									
PCB-1248	12672-29-6	ug/L	6/24/2020		<0.842																								
PCB-1248	12672-29-6	ug/L	10/20/2021		<0.2							<0.2					<0.2	<0.2											
PCB-1248	12672-29-6	ug/L	5/1/2023																		<0.8	<0.93	<0.889	<0.8	<0.8				
PCB-1248	12672-29-6	ug/L	4/23/2025	<1.82										<1.79					<1.81										
PCB-1248	12672-29-6	ug/L	4/24/2025													<1.84													
PCB-1248	12672-29-6	ug/L	5/5/2025						<1.79																				
PCB-1248	12672-29-6	ug/L	5/6/2025										<1.81		<1.80														
PCB-1248	12672-29-6	ug/L	5/7/2025				<1.81													<1.81									
PCB-1248	12672-29-6	ug/L	5/8/2025			<1.76		<1.81																					
PCB-1248	12672-29-6	ug/L	5/4/2026														<1.87												
PCB-1248	12672-29-6	ug/L	5/5/2026										<1.86																
PCB-1248	12672-29-6	ug/L	5/6/2026															<1.83											
PCB-1254	11097-69-1	ug/L	4/14/2009	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8																			
PCB-1254	11097-69-1	ug/L	5/10/2010	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8			<0.8	<0.8	<0.8	<0.8			<0.8	<0.8									
PCB-1254	11097-69-1	ug/L	4/4/2011									<0.8					<0.8	<0.8											
PCB-1254	11097-69-1	ug/L	3/30/2013																							<0.8	<0.8		
PCB-1254	11097-69-1	ug/L	7/10/2013																		<0.833	<0.808	<0.808	<0.976	<0.816				
PCB-1254	11097-69-1	ug/L	10/5/2015	<0.808		<0.86	<0.8	<0.833	<0.816				<0.816	<0.808	<0.8	<0.808			<0.87	<0.8									
PCB-1254	11097-69-1	ug/L	4/4/2016									<0.8					<0.8	<0.8											
PCB-1254	11097-69-1	ug/L	5/1/2018																		<0.816	<0.833							
PCB-1254	11097-69-1	ug/L	5/2/2018																				<0.851	<0.851	<0.833				
PCB-1254	11097-69-1	ug/L	3/30/2020	<0.833		<0.842	<0.833	<0.86	<0.842				<0.842	<0.833	<0.833	<0.833			<0.825	<0.825									
PCB-1254	11097-69-1	ug/L	6/24/2020		<0.842																								
PCB-1254	11097-69-1	ug/L	10/20/2021		<0.1							<0.1					<0.1	<0.1											
PCB-1254	11097-69-1	ug/L	5/1/2023																		<0.8	<0.93	<0.889	<0.8	<0.8				
PCB-1254	11097-69-1	ug/L	4/23/2025	<1.82										<1.79					<1.81										
PCB-1254	11097-69-1	ug/L	4/24/2025													<1.84													
PCB-1254	11097-69-1	ug/L	5/5/2025						<1.79																				
PCB-1254	11097-69-1	ug/L	5/6/2025										<1.81		<1.80														
PCB-1254	11097-69-1	ug/L	5/7/2025				<1.81													<1.81									
PCB-1254	11097-69-1	ug/L	5/8/2025			<1.76		<1.81																					
PCB-1254	11097-69-1	ug/L	5/4/2026														<1.87												
PCB-1254	11097-69-1	ug/L	5/5/2026										<1.86																
PCB-1254	11097-69-1	ug/L	5/6/2026															<1.83											
PCB-1260	11096-82-5	ug/L	4/14/2009	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8																			
PCB-1260	11096-82-5	ug/L	5/10/2010	<0.8		<0.8	<0.8	<0.8	<0.8	<0.8			<0.8	<0.8	<0.8	<0.8			<0.8	<0.8									
PCB-1260	11096-82-5	ug/L	4/4/2011									<0.8					<0.8	<0.8											
PCB-1260	11096-82-5	ug/L	3/30/2013																							<0.8	<0.8		
PCB-1260	11096-82-5	ug/L	7/10/2013																		<0.833	<0.808	<0.808	<0.976	<0.816				
PCB-1260	11096-82-5	ug/L	10/5/2015	<0.808		<0.86	<0.8	<0.833	<0.816				<0.816	<0.808	<0.8	<0.808			<0.87	<0.8									

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
PCB-1260	11096-82-5	ug/L	4/4/2016									<0.8					<0.8	<0.8											
PCB-1260	11096-82-5	ug/L	5/1/2018																		<0.816	<0.833							
PCB-1260	11096-82-5	ug/L	5/2/2018																				<0.851	<0.851	<0.833				
PCB-1260	11096-82-5	ug/L	3/30/2020	<0.833		<0.842	<0.833	<0.86	<0.842				<0.842	<0.833	<0.833	<0.833			<0.825	<0.825									
PCB-1260	11096-82-5	ug/L	6/24/2020		<0.842																								
PCB-1260	11096-82-5	ug/L	10/20/2021		<0.1							<0.1					<0.1	<0.1											
PCB-1260	11096-82-5	ug/L	5/1/2023																		<0.8	<0.93	<0.889	<0.8	<0.8				
PCB-1260	11096-82-5	ug/L	4/23/2025	<1.82										<1.79					<1.81										
PCB-1260	11096-82-5	ug/L	4/24/2025													<1.84													
PCB-1260	11096-82-5	ug/L	5/5/2025						<1.79																				
PCB-1260	11096-82-5	ug/L	5/6/2025										<1.81		<1.80														
PCB-1260	11096-82-5	ug/L	5/7/2025				<1.81													<1.81									
PCB-1260	11096-82-5	ug/L	5/8/2025			<1.76		<1.81																					
PCB-1260	11096-82-5	ug/L	5/4/2026														<1.87												
PCB-1260	11096-82-5	ug/L	5/5/2026										<1.86																
PCB-1260	11096-82-5	ug/L	5/6/2026															<1.83											
Parathion-Ethyl	56-38-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Parathion-Ethyl	56-38-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Parathion-Ethyl	56-38-2	ug/L	4/4/2011									<10					<10	<10											
Parathion-Ethyl	56-38-2	ug/L	3/30/2013																							<10	<10		
Parathion-Ethyl	56-38-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Parathion-Ethyl	56-38-2	ug/L	6/2/2014																					<10.1					
Parathion-Ethyl	56-38-2	ug/L	10/15/2014																					<10					
Parathion-Ethyl	56-38-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Parathion-Ethyl	56-38-2	ug/L	4/4/2016									<10					<10												
Parathion-Ethyl	56-38-2	ug/L	5/1/2018																		<10.4	<10.3							
Parathion-Ethyl	56-38-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Parathion-Ethyl	56-38-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Parathion-Ethyl	56-38-2	ug/L	6/24/2020		<10.4																								
Parathion-Ethyl	56-38-2	ug/L	10/20/2021		<0.4							<0.4					<0.4	<0.4											
Parathion-Ethyl	56-38-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Parathion-Methyl	298-00-0	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Parathion-Methyl	298-00-0	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Parathion-Methyl	298-00-0	ug/L	4/4/2011									<10					<10	<10											
Parathion-Methyl	298-00-0	ug/L	3/30/2013																							<10	<10		
Parathion-Methyl	298-00-0	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Parathion-Methyl	298-00-0	ug/L	6/2/2014																					<10.1					
Parathion-Methyl	298-00-0	ug/L	10/15/2014																					<10					
Parathion-Methyl	298-00-0	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Parathion-Methyl	298-00-0	ug/L	4/4/2016									<10					<10	<10											
Parathion-Methyl	298-00-0	ug/L	5/1/2018																		<10.4	<10.3							
Parathion-Methyl	298-00-0	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Parathion-Methyl	298-00-0	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Parathion-Methyl	298-00-0	ug/L	6/24/2020		<10.4																								
Parathion-Methyl	298-00-0	ug/L	10/20/2021		<0.4							<0.4					<0.4	<0.4											
Parathion-Methyl	298-00-0	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Pentachlorobenzene	608-93-5	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Pentachlorobenzene	608-93-5	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Pentachlorobenzene	608-93-5	ug/L	4/4/2011									<10					<10	<10											
Pentachlorobenzene	608-93-5	ug/L	3/30/2013																							<10	<10		
Pentachlorobenzene	608-93-5	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Pentachlorobenzene	608-93-5	ug/L	6/2/2014																					<10.1					
Pentachlorobenzene	608-93-5	ug/L	10/15/2014																					<10					
Pentachlorobenzene	608-93-5	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Pentachlorobenzene	608-93-5	ug/L	4/4/2016									<10					<10	<10											
Pentachlorobenzene	608-93-5	ug/L	5/1/2018																		<10.4	<10.3							
Pentachlorobenzene	608-93-5	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Pentachlorobenzene	608-93-5	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Pentachlorobenzene	608-93-5	ug/L	6/24/2020		<10.4																								
Pentachlorobenzene	608-93-5	ug/L	10/20/2021		<8							<8					<8	<8											
Pentachlorobenzene	608-93-5	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Pentachlorobenzene	608-93-5	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Pentachlorobenzene	608-93-5	ug/L	4/24/2025													<10.4													
Pentachlorobenzene	608-93-5	ug/L	5/5/2025						<10.2																				
Pentachlorobenzene	608-93-5	ug/L	5/6/2025										<10.4		<10.6														
Pentachlorobenzene	608-93-5	ug/L	5/7/2025				<10.2													<10.6									
Pentachlorobenzene	608-93-5	ug/L	5/8/2025			<9.80		<10.6																					
Pentachlorobenzene	608-93-5	ug/L	5/4/2026														<10.9												
Pentachlorobenzene	608-93-5	ug/L	5/6/2026															<10.4											
Pentachlorophenol	87-86-5	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Pentachlorophenol	87-86-5	ug/L	4/24/2025													<10.4													
Pentachlorophenol	87-86-5	ug/L	5/5/2025						<10.2																				
Pentachlorophenol	87-86-5	ug/L	5/6/2025										<10.4		<10.6														
Pentachlorophenol	87-86-5	ug/L	5/7/2025				<10.2													<10.6									
Pentachlorophenol	87-86-5	ug/L	5/8/2025			<9.80		<10.6																					
Pentachlorophenol	87-86-5	ug/L	5/4/2026														<10.9												
Pentachlorophenol	87-86-5	ug/L	5/6/2026															<15.6											
Pentachlorophenol [2C]	87-86-5	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Pentachlorophenol [2C]	87-86-5	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Pentachlorophenol [2C]	87-86-5	ug/L	4/4/2011									<10					<10	<10											
Pentachlorophenol [2C]	87-86-5	ug/L	3/30/2013																							<10	<10		
Pentachlorophenol [2C]	87-86-5	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Pentachlorophenol [2C]	87-86-5	ug/L	6/2/2014																					<10.1					
Pentachlorophenol [2C]	87-86-5	ug/L	10/15/2014																					<10					
Pentachlorophenol [2C]	87-86-5	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Pentachlorophenol [2C]	87-86-5	ug/L	4/4/2016									<10					2.65J	<10											
Pentachlorophenol [2C]	87-86-5	ug/L	5/1/2018																		2.67J	<10.3							
Pentachlorophenol [2C]	87-86-5	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Pentachlorophenol [2C]	87-86-5	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Pentachlorophenol [2C]	87-86-5	ug/L	6/24/2020		<10.4																								
Pentachlorophenol [2C]	87-86-5	ug/L	10/20/2021		<8							<8					<8	<8											
Pentachlorophenol [2C]	87-86-5	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Phenacetin	62-44-2	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Phenacetin	62-44-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Phenacetin	62-44-2	ug/L	4/4/2011									<10					<10	<10											
Phenacetin	62-44-2	ug/L	3/30/2013																							<10	<10		
Phenacetin	62-44-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Phenacetin	62-44-2	ug/L	6/2/2014																					<10.1					
Phenacetin	62-44-2	ug/L	10/15/2014																					<10					
Phenacetin	62-44-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Phenacetin	62-44-2	ug/L	4/4/2016									<10					<10	<10											
Phenacetin	62-44-2	ug/L	5/1/2018																		<10.4	<10.3							
Phenacetin	62-44-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Phenacetin	62-44-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Phenacetin	62-44-2	ug/L	6/24/2020		<10.4																								
Phenacetin	62-44-2	ug/L	10/20/2021		<8							<8					<8	<8											
Phenacetin	62-44-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Phenacetin	62-44-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Phenacetin	62-44-2	ug/L	4/24/2025													<10.4													
Phenacetin	62-44-2	ug/L	5/5/2025						<10.2																				
Phenacetin	62-44-2	ug/L	5/6/2025										<10.4		<10.6														
Phenacetin	62-44-2	ug/L	5/7/2025				<10.2													<10.6									
Phenacetin	62-44-2	ug/L	5/8/2025			<9.80		<10.6																					
Phenacetin	62-44-2	ug/L	5/4/2026														<10.9												
Phenacetin	62-44-2	ug/L	5/6/2026															<10.4											
Phenanthrene	85-01-8	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Phenanthrene	85-01-8	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Phenanthrene	85-01-8	ug/L	4/4/2011									<10					<10	<10											
Phenanthrene	85-01-8	ug/L	3/30/2013																							<10	<10		
Phenanthrene	85-01-8	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Phenanthrene	85-01-8	ug/L	6/2/2014																					<10.1					
Phenanthrene	85-01-8	ug/L	10/15/2014																					<10					
Phenanthrene	85-01-8	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Phenanthrene	85-01-8	ug/L	4/4/2016									<10					<10	<10											
Phenanthrene	85-01-8	ug/L	5/1/2018																		<10.4	<10.3							
Phenanthrene	85-01-8	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Phenanthrene	85-01-8	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Phenanthrene	85-01-8	ug/L	6/24/2020		<10.4																								
Phenanthrene	85-01-8	ug/L	10/20/2021		<8							<8					<8	<8											
Phenanthrene	85-01-8	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Phenanthrene	85-01-8	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Phenanthrene	85-01-8	ug/L	4/24/2025													<10.4													
Phenanthrene	85-01-8	ug/L	5/5/2025						<10.2																				
Phenanthrene	85-01-8	ug/L	5/6/2025										<10.4		<10.6														
Phenanthrene	85-01-8	ug/L	5/7/2025				<10.2													<10.6									
Phenanthrene	85-01-8	ug/L	5/8/2025			<9.80		<10.6																					
Phenanthrene	85-01-8	ug/L	5/4/2026														<10.9												
Phenanthrene	85-01-8	ug/L	5/6/2026															<10.4											
Phenol	108-95-2	ug/L	4/14/2009	<20		<20	<20	<20	<20	<20																			
Phenol	108-95-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Phenol	108-95-2	ug/L	4/4/2011									<10					<10	<10											
Phenol	108-95-2	ug/L	3/30/2013																							<10	<10		
Phenol	108-95-2	ug/L	7/10/2013							<10.2	<10.1										<10.2	<10.1	<10.1	3010	<10.3				
Phenol	108-95-2	ug/L	10/7/2013																					<10.1					
Phenol	108-95-2	ug/L	6/2/2014																					<10.1					
Phenol	108-95-2	ug/L	10/15/2014																					<10					
Phenol	108-95-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Phenol	108-95-2	ug/L	4/4/2016									<10					<10	<10											
Phenol	108-95-2	ug/L	5/1/2018																		<10.4	<10.3							
Phenol	108-95-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Phenol	108-95-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Phenol	108-95-2	ug/L	6/24/2020		<10.4																								
Phenol	108-95-2	ug/L	10/20/2021		<8							<8					<8	<8											
Phenol	108-95-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Phenol	108-95-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Phenol	108-95-2	ug/L	4/24/2025													<10.4													
Phenol	108-95-2	ug/L	5/5/2025						<10.2																				
Phenol	108-95-2	ug/L	5/6/2025										<10.4		<10.6														
Phenol	108-95-2	ug/L	5/7/2025				<10.2													<10.6									
Phenol	108-95-2	ug/L	5/8/2025			<9.80		<10.6																					
Phenol	108-95-2	ug/L	5/4/2026														<10.9												
Phenol	108-95-2	ug/L	5/6/2026															<10.4											
Phorate	298-02-2	ug/L	4/14/2009	<60		<60	<60	<60	<60	<60																			
Phorate	298-02-2	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Phorate	298-02-2	ug/L	4/4/2011									<10					<10	<10											
Phorate	298-02-2	ug/L	3/30/2013																							<10	<10		
Phorate	298-02-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Phorate	298-02-2	ug/L	6/2/2014																					<10.1					
Phorate	298-02-2	ug/L	10/15/2014																					<10					
Phorate	298-02-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Phorate	298-02-2	ug/L	4/4/2016									<10					<10	<10											
Phorate	298-02-2	ug/L	5/1/2018																		<10.4	<10.3							
Phorate	298-02-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Phorate	298-02-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Phorate	298-02-2	ug/L	6/24/2020		<10.4																								
Phorate	298-02-2	ug/L	10/20/2021		<0.4							<0.4					<0.4	<0.4											
Phorate	298-02-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Phorate	298-02-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Phorate	298-02-2	ug/L	4/24/2025													<10.4													
Phorate	298-02-2	ug/L	5/5/2025						<10.2																				
Phorate	298-02-2	ug/L	5/6/2025										<10.4		<10.6														
Phorate	298-02-2	ug/L	5/7/2025				<10.2													<10.6									
Phorate	298-02-2	ug/L	5/8/2025			<9.80		<10.6																					
Phorate	298-02-2	ug/L	5/4/2026														<10.9												
Phorate	298-02-2	ug/L	5/6/2026															<10.4											
Potassium	7440-09-7	mg/L	6/2/2014	1.03		<2	<1	0.774J	<1	<1	<2	0.822J	<1	<1	<2	<1	6.24	<1	1.02	4.42	1.71	<1	<2	1.67J	1.85				
Potassium	7440-09-7	mg/L	10/15/2014	0.857J		<1	<1	<1	<1	<1	0.918J	<1	<1	<1	<1	<1	6.55	<1	0.917J	2.82	1.43	<1	0.864J	1.38	1.32	<1			
Pronamide	23950-58-5	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Pronamide	23950-58-5	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Pronamide	23950-58-5	ug/L	4/4/2011									<10					<10	<10											
Pronamide	23950-58-5	ug/L	3/30/2013																							<10	<10		
Pronamide	23950-58-5	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Pronamide	23950-58-5	ug/L	6/2/2014																					<10.1					
Pronamide	23950-58-5	ug/L	10/15/2014																					<10					
Pronamide	23950-58-5	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Pronamide	23950-58-5	ug/L	4/4/2016									<10					<10	<10											
Pronamide	23950-58-5	ug/L	5/1/2018																		<10.4	<10.3							
Pronamide	23950-58-5	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Pronamide	23950-58-5	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Pronamide	23950-58-5	ug/L	6/24/2020		<10.4																								
Pronamide	23950-58-5	ug/L	10/20/2021		<8							<8					<8	<8											
Pronamide	23950-58-5	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Pronamide	23950-58-5	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Pronamide	23950-58-5	ug/L	4/24/2025													<10.4													
Pronamide	23950-58-5	ug/L	5/5/2025						<10.2																				
Pronamide	23950-58-5	ug/L	5/6/2025										<10.4		<10.6														
Pronamide	23950-58-5	ug/L	5/7/2025				<10.2													<10.6									
Pronamide	23950-58-5	ug/L	5/8/2025			<9.80		<10.6																					
Pronamide	23950-58-5	ug/L	5/4/2026														<10.9												
Pronamide	23950-58-5	ug/L	5/6/2026															<10.4											
Propionitrile	107-12-0	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Propionitrile	107-12-0	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Propionitrile	107-12-0	ug/L	4/4/2011									<10					<10	<20											
Propionitrile	107-12-0	ug/L	10/11/2012								<10																		
Propionitrile	107-12-0	ug/L	3/30/2013																							<10	<10		
Propionitrile	107-12-0	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
Propionitrile	107-12-0	ug/L	10/5/2015	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Propionitrile	107-12-0	ug/L	4/4/2016									<10					<10	<10											
Propionitrile	107-12-0	ug/L	5/1/2018																		<10	<10							
Propionitrile	107-12-0	ug/L	5/2/2018																				<10	<10	<10				
Propionitrile	107-12-0	ug/L	3/30/2020	<10		<10	<10	<10	<10				<10	<10	<10	<10			<10	<10									
Propionitrile	107-12-0	ug/L	6/24/2020		<10																								
Propionitrile	107-12-0	ug/L	10/20/2021		<10							<10					<10	<10											
Propionitrile	107-12-0	ug/L	5/1/2023																		<10	<10	<10	<10	<10				
Propionitrile	107-12-0	ug/L	4/23/2025	<10.0										<10.0					<10.0										
Propionitrile	107-12-0	ug/L	4/24/2025													<10.0													
Propionitrile	107-12-0	ug/L	5/5/2025						<10.0																				
Propionitrile	107-12-0	ug/L	5/6/2025										<10.0		<10.0														
Propionitrile	107-12-0	ug/L	5/7/2025				<10.0													<10.0									
Propionitrile	107-12-0	ug/L	5/8/2025			<10.0		<10.0																					
Propionitrile	107-12-0	ug/L	5/4/2026														<10.0												

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Propionitrile	107-12-0	ug/L	5/6/2026															<10.0											
Pyrene	129-00-0	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Pyrene	129-00-0	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Pyrene	129-00-0	ug/L	4/4/2011									<10					<10	<10											
Pyrene	129-00-0	ug/L	3/30/2013																							<10	<10		
Pyrene	129-00-0	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3		<0.005		
Pyrene	129-00-0	ug/L	6/2/2014																					<10.1					
Pyrene	129-00-0	ug/L	10/15/2014																					<10					
Pyrene	129-00-0	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Pyrene	129-00-0	ug/L	4/4/2016									<10					<10	<10											
Pyrene	129-00-0	ug/L	5/1/2018																		<10.4	<10.3							
Pyrene	129-00-0	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Pyrene	129-00-0	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Pyrene	129-00-0	ug/L	6/24/2020		<10.4																								
Pyrene	129-00-0	ug/L	10/20/2021		<8							<8					<8	<8											
Pyrene	129-00-0	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Pyrene	129-00-0	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Pyrene	129-00-0	ug/L	4/24/2025													<10.4													
Pyrene	129-00-0	ug/L	5/5/2025						<10.2																				
Pyrene	129-00-0	ug/L	5/6/2025										<10.4		<10.6														
Pyrene	129-00-0	ug/L	5/7/2025				<10.2														<10.6								
Pyrene	129-00-0	ug/L	5/8/2025			<9.80		<10.6																					
Pyrene	129-00-0	ug/L	5/4/2026														<10.9												
Pyrene	129-00-0	ug/L	5/6/2026															<10.4											
Safrole	94-59-7	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
Safrole	94-59-7	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
Safrole	94-59-7	ug/L	4/4/2011									<10					<10	<10											
Safrole	94-59-7	ug/L	3/30/2013																							<10	<10		
Safrole	94-59-7	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Safrole	94-59-7	ug/L	6/2/2014																					<10.1					
Safrole	94-59-7	ug/L	10/15/2014																					<10					
Safrole	94-59-7	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Safrole	94-59-7	ug/L	4/4/2016									<10					<10	<10											
Safrole	94-59-7	ug/L	5/1/2018																		<10.4	<10.3							
Safrole	94-59-7	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Safrole	94-59-7	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Safrole	94-59-7	ug/L	6/24/2020		<10.4																								
Safrole	94-59-7	ug/L	10/20/2021		<8							<8					<8	<8											
Safrole	94-59-7	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Safrole	94-59-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Safrole	94-59-7	ug/L	4/24/2025													<10.4													
Safrole	94-59-7	ug/L	5/5/2025						<10.2																				
Safrole	94-59-7	ug/L	5/6/2025										<10.4		<10.6														
Safrole	94-59-7	ug/L	5/7/2025				<10.2														<10.6								
Safrole	94-59-7	ug/L	5/8/2025			<9.80		<10.6																					
Safrole	94-59-7	ug/L	5/4/2026														<10.9												
Safrole	94-59-7	ug/L	5/6/2026															<10.4											
Selenium	7782-49-2	mg/L	2/27/2008	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			
Selenium	7782-49-2	mg/L	5/12/2008	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			
Selenium	7782-49-2	mg/L	7/13/2008	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			
Selenium	7782-49-2	mg/L	9/14/2008	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			
Selenium	7782-49-2	mg/L	11/17/2008	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005																			
Selenium	7782-49-2	mg/L	4/14/2009	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			
Selenium	7782-49-2	mg/L	7/7/2009										<0.01	<0.01	<0.01	<0.01			<0.01	<0.01									
Selenium	7782-49-2	mg/L	9/2/2009										<0.01	<0.01	<0.01	<0.01			<0.01	<0.01									
Selenium	7782-49-2	mg/L	10/25/2009	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01			<0.01	<0.01									
Selenium	7782-49-2	mg/L	1/2/2010										<0.01	<0.01	<0.01	<0.01			<0.01	<0.01									
Selenium	7782-49-2	mg/L	3/3/2010									<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01									
Selenium	7782-49-2	mg/L	5/10/2010	<0.002		0.0026	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	0.0059	<0.002	<0.002	<0.002	<0.002									
Selenium	7782-49-2	mg/L	7/8/2010							<0.01		<0.01				<0.01	<0.01	<0.01											
Selenium	7782-49-2	mg/L	9/13/2010							<0.01		<0.01				<0.01	<0.01	<0.01											
Selenium	7782-49-2	mg/L	11/1/2010										<0.01	<0.01	<0.01	<0.01													
Selenium	7782-49-2	mg/L	1/10/2011							<0.005		<0.005				<0.005	<0.005	<0.005											
Selenium	7782-49-2	mg/L	4/4/2011									<0.005	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.01										
Selenium	7782-49-2	mg/L	7/8/2011							<0.01		<0.01					<0.01	<0.01											
Selenium	7782-49-2	mg/L	8/11/2011							<0.01		<0.01					<0.01	<0.01											
Selenium	7782-49-2	mg/L	10/13/2011	<0.005		<0.005		<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00892							<0.005			
Selenium	7782-49-2	mg/L	12/5/2011				<0.005			<0.005										<0.005						<0.005			
Selenium	7782-49-2	mg/L	4/11/2012	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005						<0.005	<0.005		
Selenium	7782-49-2	mg/L	6/25/2012				<0.005			<0.005																<0.005	<0.005		
Selenium	7782-49-2	mg/L	8/1/2012							<0.005	<0.005										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Selenium	7782-49-2	mg/L	10/11/2012	<0.005		<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00702		
Selenium	7782-49-2	mg/L	12/13/2012								<0.005										<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
Selenium	7782-49-2	mg/L	2/4/2013								<0.005										<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	3/30/2013	<0.005		<0.005	<0.005	<0.005	<0.005		<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Selenium	7782-49-2	mg/L	7/10/2013																		<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	10/7/2013	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
Selenium	7782-49-2	mg/L	6/2/2014	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00159J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00122J	0.0014J	0.00067J	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	10/15/2014	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	4/6/2015	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	10/5/2015	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	4/4/2016	0.000809J		0.00151J	0.000679J; <0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00155J	0.000754J	0.000746J	0.000779J	0.000732J	0.0013J	0.00118J	0.000995J	<0.005	0.00104J	0.000639J	<0.005				
Selenium	7782-49-2	mg/L	10/17/2016	<0.005		0.00151J	0.00132J	0.00252J	<0.005	<0.005	0.00176J	<0.005	0.00154J	0.00149J	<0.005	<0.005	<0.005	0.000777J	0.00319J	<0.005	0.00141J	<0.005	<0.005	<0.005	0.000902J				
Selenium	7782-49-2	mg/L	4/17/2017	<0.005		0.00125J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00132J	<0.005	<0.005	<0.005	<0.005	0.0015J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	10/11/2017	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0013J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	4/20/2018											0.00137J					0.00162J	<0.005									
Selenium	7782-49-2	mg/L	4/23/2018	<0.005								<0.005	<0.005		0.00176J	<0.005	<0.005												
Selenium	7782-49-2	mg/L	4/25/2018						<0.005		<0.005																		
Selenium	7782-49-2	mg/L	4/30/2018			0.0011J; <0.005	<0.005	<0.005										<0.005											
Selenium	7782-49-2	mg/L	5/1/2018																		<0.005	<0.005							
Selenium	7782-49-2	mg/L	5/2/2018																				<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	10/16/2018	<0.0025		0.00137J	<0.005	<0.005	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.00108J	<0.0025	<0.0025	<0.0025	<0.005	0.00153J	<0.0025	0.00119J	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	4/16/2019	<0.005		0.00105J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00162J	<0.005	<0.005	<0.005	<0.005	0.0015J	<0.005	0.00108J	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	10/1/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00126J	<0.005	<0.005	<0.005	<0.005	0.00145J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	3/30/2020	<0.005	<0.005	0.00127J	<0.005	<0.005	0.00158J	<0.005	0.001J	<0.005	<0.005	0.00135J	<0.005	<0.005	0.00154J	<0.005	0.00182J	0.00147J	<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	6/24/2020		<0.005																								
Selenium	7782-49-2	mg/L	10/7/2020	<0.005	<0.005	<0.005; 0.00114J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00216J	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	1/21/2021		<0.004																								
Selenium	7782-49-2	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.0022J	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004				
Selenium	7782-49-2	mg/L	10/20/2021		<0.004			<0.004					<0.004				<0.004	<0.004			<0.004	<0.004	<0.004	<0.004	<0.004	0.0044	<0.004	<0.004	<0.004
Selenium	7782-49-2	mg/L	5/2/2022					<0.004		<0.004	<0.004										<0.004	<0.004	<0.004	<0.004	<0.004	0.002J	<0.004	<0.004	<0.004
Selenium	7782-49-2	mg/L	10/14/2022					<0.004													<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Selenium	7782-49-2	mg/L	5/1/2023					<0.005		<0.005	<0.005										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/16/2023					<0.005													<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	4/29/2024					<0.005		<0.005	<0.005										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0371		<0.005
Selenium	7782-49-2	mg/L	10/9/2024																								<0.00500		
Selenium	7782-49-2	mg/L	10/10/2024																							<0.00500		<0.00500	
Selenium	7782-49-2	mg/L	10/14/2024																		0.00144J	<0.00500		<0.00500					<0.00500
Selenium	7782-49-2	mg/L	10/15/2024																				<0.00500		<0.00500				
Selenium	7782-49-2	mg/L	4/23/2025	<0.00500											<0.00500				<0.00500										
Selenium	7782-49-2	mg/L	4/24/2025													0.00293													
Selenium	7782-49-2	mg/L	4/30/2025																							<0.00500	<0.00500		
Selenium	7782-49-2	mg/L	5/5/2025						<0.00500																			0.00229	
Selenium	7782-49-2	mg/L	5/6/2025										<0.00500		<0.00500														
Selenium	7782-49-2	mg/L	5/7/2025				<0.00500														<0.00500	<0.00500	<0.00500	<0.00500					
Selenium	7782-49-2	mg/L	5/8/2025			<0.00500		<0.00500																					<0.00500
Selenium	7782-49-2	mg/L	5/9/2025							<0.00500	<0.00500													<0.00500	<0.00500				
Selenium	7782-49-2	mg/L	10/21/2025																							<0.00500	<0.00500	<0.00500	
Selenium	7782-49-2	mg/L	10/23/2025					<0.00500													<0.00500	<0.00500	<0.00500	<0.00500	<0.00500				
Selenium	7782-49-2	mg/L	10/24/2025																										<0.00500
Selenium	7782-49-2	mg/L	5/4/2026														<0.00250									0.00110	<0.00250		
Selenium	7782-49-2	mg/L	5/5/2026																									0.00298	
Selenium	7782-49-2	mg/L	5/6/2026							<0.00250	<0.00250							<0.00250			<0.00250								
Selenium	7782-49-2	mg/L	5/8/2026					<0.00250														<0.00250	<0.00250	<0.00250	<0.00250				<0.00250
Silver	7440-22-4	mg/L	2/27/2008	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			
Silver	7440-22-4	mg/L	5/12/2008	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			
Silver	7440-22-4	mg/L	7/13/2008	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Silver	7440-22-4	mg/L	9/14/2008	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			
Silver	7440-22-4	mg/L	11/17/2008	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02																			
Silver	7440-22-4	mg/L	4/14/2009	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01																			
Silver	7440-22-4	mg/L	7/7/2009							<0.01			<0.01	<0.01	<0.01	<0.01			<0.01	<0.01									
Silver	7440-22-4	mg/L	9/2/2009							<0.01			<0.01	<0.01	<0.01	<0.01			<0.01	<0.01									
Silver	7440-22-4	mg/L	10/25/2009	<0.025		<0.025	<0.025	<0.025	<0.025	<0.025			<0.025	<0.025	<0.025	<0.025			<0.025	<0.025									
Silver	7440-22-4	mg/L	1/2/2010							<0.025			<0.025	<0.025	<0.025	<0.025			<0.025	<0.025									
Silver	7440-22-4	mg/L	3/3/2010									<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025									
Silver	7440-22-4	mg/L	5/10/2010	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02									
Silver	7440-22-4	mg/L	7/8/2010									<0.025					<0.025	<0.025											
Silver	7440-22-4	mg/L	9/13/2010									<0.025					<0.025	<0.025											
Silver	7440-22-4	mg/L	1/1/2010										<0.025	<0.025	<0.025	<0.025													
Silver	7440-22-4	mg/L	1/10/2011									<0.02					<0.02	<0.02											
Silver	7440-22-4	mg/L	4/4/2011									<0.02	<0.025	<0.025	<0.025	<0.025	<0.02	<0.02	<0.025										
Silver	7440-22-4	mg/L	7/8/2011							<0.025		<0.025					<0.025	<0.025											
Silver	7440-22-4	mg/L	8/11/2011							<0.025		<0.025					<0.025	<0.025								<0.025			
Silver	7440-22-4	mg/L	10/13/2011	<0.06		<0.02		<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02							<0.02			
Silver	7440-22-4	mg/L	12/5/2011				<0.02													<0.02						<0.02			
Silver	7440-22-4	mg/L	4/11/2012	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02						<0.02	<0.02		
Silver	7440-22-4	mg/L	6/25/2012					<0.02		<0.02																<0.02	<0.02		
Silver	7440-22-4	mg/L	8/1/2012							<0.02	<0.02										<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Silver	7440-22-4	mg/L	10/11/2012	<0.02		<0.02	<0.02	<0.02	<0.02		<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Silver	7440-22-4	mg/L	12/13/2012								<0.02											<0.02					<0.02		
Silver	7440-22-4	mg/L	2/4/2013								<0.02											<0.02							
Silver	7440-22-4	mg/L	3/30/2013	<0.02		<0.02	<0.02	<0.02	<0.02		<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Silver	7440-22-4	mg/L	7/10/2013																		<0.02	<0.02	<0.02	<0.02	<0.02				
Silver	7440-22-4	mg/L	10/7/2013	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		
Silver	7440-22-4	mg/L	1/21/2014																										
Silver	7440-22-4	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004				
Silver	7440-22-4	mg/L	10/20/2021		<0.004			<0.004				<0.004					<0.004	<0.004			<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Silver	7440-22-4	mg/L	5/2/2022					<0.004		<0.004	<0.004										<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Silver	7440-22-4	mg/L	10/14/2022					<0.004													<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Silver	7440-22-4	mg/L	5/1/2023					<0.001		<0.001	<0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/16/2023					<0.001													<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	4/29/2024					<0.001		<0.001	<0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/9/2024																								<0.00100		
Silver	7440-22-4	mg/L	10/10/2024																							<0.00100		<0.00100	
Silver	7440-22-4	mg/L	10/14/2024																		<0.00100	<0.00100		<0.00100					<0.00100
Silver	7440-22-4	mg/L	10/15/2024																				<0.00100		<0.00100				
Silver	7440-22-4	mg/L	4/23/2025	<0.00100										<0.00100					<0.00100										
Silver	7440-22-4	mg/L	4/24/2025													<0.00100													
Silver	7440-22-4	mg/L	4/30/2025																							<0.00100	<0.00100		
Silver	7440-22-4	mg/L	5/5/2025						<0.00100																			<0.00100	
Silver	7440-22-4	mg/L	5/6/2025										<0.00100		<0.00100														
Silver	7440-22-4	mg/L	5/7/2025				<0.00100													<0.00100	<0.00100	<0.00100	<0.00100						
Silver	7440-22-4	mg/L	5/8/2025			<0.00100		<0.00100											<0.0559										<0.00100
Silver	7440-22-4	mg/L	5/9/2025							<0.00100	<0.00100																		
Silver	7440-22-4	mg/L	10/21/2025																							<0.00100	<0.00100	<0.00100	
Silver	7440-22-4	mg/L	10/23/2025					<0.00100													<0.00100	<0.00100	<0.00100	<0.00100	<0.00100				
Silver	7440-22-4	mg/L	10/24/2025																										<0.00100
Silver	7440-22-4	mg/L	5/4/2026														<0.000500									<0.000500	<0.000500		
Silver	7440-22-4	mg/L	5/5/2026																									<0.000500	
Silver	7440-22-4	mg/L	5/6/2026							<0.000500	<0.000500							<0.000500			<0.000500								
Silver	7440-22-4	mg/L	5/8/2026					<0.000500														<0.000500	<0.000500	<0.000500	<0.000500				<0.000500
Silvex (2,4,5-TP)	93-72-1	ug/L	4/23/2025	<0.0538										<0.0553					<0.0559										
Silvex (2,4,5-TP)	93-72-1	ug/L	4/24/2025													<0.0536													
Silvex (2,4,5-TP)	93-72-1	ug/L	5/5/2025						0.0724																				
Silvex (2,4,5-TP)	93-72-1	ug/L	5/6/2025										<0.0556		<0.0539														
Silvex (2,4,5-TP)	93-72-1	ug/L	5/7/2025				<0.0571													<0.0526									
Silvex (2,4,5-TP)	93-72-1	ug/L	5/8/2025			<0.0532		<0.0546																					
Silvex (2,4,5-TP)	93-72-1	ug/L	10/21/2025						<0.0527																				
Silvex (2,4,5-TP)	93-72-1	ug/L	5/4/2026														<0.100												
Silvex (2,4,5-TP)	93-72-1	ug/L	5/5/2026						<0.100																				
Silvex (2,4,5-TP)	93-72-1	ug/L	5/6/2026															<0.100											
Sodium	7440-23-5	mg/L	6/2/2014	9.72		8.87	9.11	16.4	13.3	8.19	6.91	11.3	8.45	13.9	6.2	53.3	57.5	9.69	8.64	43.6	16.4	6.57	8.24	17.2	25.2				
Sodium	7440-23-5	mg/L	10/15/2014	8.17		7.88	7.86	17.8	9.47	7.51	6.71	10.6	7.79	15.9	7.34	45.6	36.2	8.67	8.95	32.5	14.7	5.79	8.19	16.8	23.8	6.44			
Styrene	100-42-5	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
Styrene	100-42-5	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
Styrene	100-42-5	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
Styrene	100-42-5	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
Styrene	100-42-5	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
Styrene	100-42-5	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
Styrene	100-42-5	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1									
Styrene	100-42-5	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
Styrene	100-42-5	ug/L	10/25/2009	<2		<2	<2	<2	<2	<2			<2	<2	<2	<2			<2	<2									
Styrene	100-42-5	ug/L	1/2/2010										<2	<4	<2	<4			<2	<2									
Styrene	100-42-5	ug/L	3/3/2010									<2	<2	<2	<2	<2	<2	<2	<2	<2									
Styrene	100-42-5	ug/L	5/10/2010	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4									
Styrene	100-42-5	ug/L	7/8/2010									<4					<4	<4											
Styrene	100-42-5	ug/L	9/13/2010									<1					<1	<1											
Styrene	100-42-5	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
Styrene	100-42-5	ug/L	1/10/2011									<1					<1	<1											
Styrene	100-42-5	ug/L	4/4/2011									<1					<1	<1											
Styrene	100-42-5	ug/L	8/11/2011																							<1			
Styrene	100-42-5	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Styrene	100-42-5	ug/L	12/5/2011				<1													<1						<1			
Styrene	100-42-5	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Styrene	100-42-5	ug/L	6/25/2012					<1		<1																<1	<1		
Styrene	100-42-5	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
Styrene	100-42-5	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Styrene	100-42-5	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1	<1	<1		
Styrene	100-42-5	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Styrene	100-42-5	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
Styrene	100-42-5	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	4/20/2018											<1					<1	<1									
Styrene	100-42-5	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
Styrene	100-42-5	ug/L	4/25/2018						<1																				
Styrene	100-42-5	ug/L	4/30/2018			<1	<1	<1										<1											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Styrene	100-42-5	ug/L	5/1/2018								<1										<1	<1							
Styrene	100-42-5	ug/L	5/2/2018																				<1	<1	<1				
Styrene	100-42-5	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	6/24/2020		<1																								
Styrene	100-42-5	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	1/21/2021		<1																								
Styrene	100-42-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/9/2024		<1.00								<1.00														<1.00		
Styrene	100-42-5	ug/L	10/10/2024						<1.00			<1.00													<1.00		<1.00	
Styrene	100-42-5	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
Styrene	100-42-5	ug/L	10/15/2024																				<1.00		<1.00				
Styrene	100-42-5	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Styrene	100-42-5	ug/L	4/24/2025													<1.00													
Styrene	100-42-5	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
Styrene	100-42-5	ug/L	5/5/2025						<1.00																			<1.00	
Styrene	100-42-5	ug/L	5/6/2025										<1.00		<1.00														
Styrene	100-42-5	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
Styrene	100-42-5	ug/L	5/8/2025			<1.00		<1.00																					<1.00
Styrene	100-42-5	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
Styrene	100-42-5	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
Styrene	100-42-5	ug/L	10/22/2025		<1.00							<1.00	<1.00																
Styrene	100-42-5	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
Styrene	100-42-5	ug/L	10/24/2025																										<1.00
Styrene	100-42-5	ug/L	5/4/2026									0.462					<1.00									<1.00	<1.00		
Styrene	100-42-5	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
Styrene	100-42-5	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
Styrene	100-42-5	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
Sulfate	14808-79-8	mg/L	6/2/2014	17.9		16.6	25.3	69.9	28.9	6.54	34.2	43.8	58.2	20.2	18.8	11.2	71.6	51.5	13.7	267	154	22.5	26.4	35.9	42				
Sulfate	14808-79-8	mg/L	10/15/2014	17.3		16.3	21.4	73.6	22.3	6.64	38.7	36.9	64.8	18.6	19	9.92	43.2	56	11.2	118	150	23.6	24.8	32.7	39.7	14.9			
Sulfate	14808-79-8	mg/L	4/6/2015	17.3		17.3	17.5	72.7	27	5.54	43.7	42.5	70.4	18.6	19.2	7.08	18.3	42.2	15.1	15.1	156	22.1	23.8	25.4	34.5	15.4	19.6		
Sulfate	14808-79-8	mg/L	10/5/2015	17.1		22.7	20.1	81.5	25.8	6.6	42.6	41.5	58.9	17.4	18.8	3.73J	2.63J	51.1	13.7	66.4	162	25	26	23.7	32.4	15.1	20.5		
Sulfate	14808-79-8	mg/L	4/4/2016	16.2		18.3	20	325	20.6	5.96	40.3	42.1	53.6	15.4	18.2	11.1	10.2	626	14	269	143	25	25.8	22.2	30.4	14.5	24.1		
Sulfate	14808-79-8	mg/L	10/17/2016	14.4		15.2	15.2	86.6	21	4.67	40.6	34.8	56.9	11.3	14.3	0.887J	<1	139	11.2	126	158	28.2	25.5	21.4	27.4	11.6	23.7		
Sulfide	18496-25-8	mg/L	5/10/2010	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
Sulfide	18496-25-8	mg/L	7/8/2010							<1																			
Sulfide	18496-25-8	mg/L	9/13/2010							<1																			
Sulfide	18496-25-8	mg/L	11/1/2010			<1				<1																			
Sulfide	18496-25-8	mg/L	1/10/2011							<1																			
Sulfide	18496-25-8	mg/L	4/4/2011			<1				<1		<1					<1	<1											
Sulfide	18496-25-8	mg/L	4/11/2012			<1				<1																			
Sulfide	18496-25-8	mg/L	10/11/2012			<1					<1																		
Sulfide	18496-25-8	mg/L	3/30/2013			<1					<1															<1	<1		
Sulfide	18496-25-8	mg/L	7/10/2013																		1.05	<1	<1	<1	<1				
Sulfide	18496-25-8	mg/L	10/7/2013							<1	<1										2.41								
Sulfide	18496-25-8	mg/L	6/2/2014			<1				<1	<1										<1								
Sulfide	18496-25-8	mg/L	10/15/2014			<1				<1	<1										<1								
Sulfide	18496-25-8	mg/L	4/6/2015							<1	<1										<1								
Sulfide	18496-25-8	mg/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1		<1	<1	<1	<1			<1	<1	<1								
Sulfide	18496-25-8	mg/L	4/4/2016									<1					<1	<1			<1								
Sulfide	18496-25-8	mg/L	10/17/2016																		<1								
Sulfide	18496-25-8	mg/L	4/17/2017																		<1								
Sulfide	18496-25-8	mg/L	10/11/2017																		<1								
Sulfide	18496-25-8	mg/L	5/1/2018																		4.45	<1							
Sulfide	18496-25-8	mg/L	5/2/2018																				1.04	13.5	0.319J				
Sulfide	18496-25-8	mg/L	10/16/2018																		<1		<1	<1					
Sulfide	18496-25-8	mg/L	4/16/2019																		<1		<1	<1					
Sulfide	18496-25-8	mg/L	10/1/2019																		<1		<1	<1					
Sulfide	18496-25-8	mg/L	3/30/2020	<1		<1	<1	<1	<1				<1	<1	<1	<1			<1	0.338J	<1		<1	<1					
Sulfide	18496-25-8	mg/L	6/24/2020		3.43																								
Sulfide	18496-25-8	mg/L	10/7/2020		<10																<10		<10	<10					
Sulfide	18496-25-8	mg/L	1/21/2021		<0.1						<0.1																		
Sulfide	18496-25-8	mg/L	4/13/2021		<0.1																<0.1		<0.1	<0.1					
Sulfide	18496-25-8	mg/L	10/20/2021		<0.1							<0.1					0.037J	<0.1			<0.1		<0.1	<0.1					
Sulfide	18496-25-8	mg/L	5/2/2022		<0.1																<0.1		<0.1	<0.1					
Sulfide	18496-25-8	mg/L	10/14/2022		<0.1																<0.1		<0.1	<0.1					
Sulfide	18496-25-8	mg/L	5/1/2023		<1																<1	<1	0.291J	<1	<1				
Sulfide	18496-25-8	mg/L	10/16/2023		0.305J																<1		<1	<1					
Sulfide	18496-25-8	mg/L	4/29/2024		<1																<1		<1	<1					
Sulfide	18496-25-8	mg/L	10/9/2024		<1.00																								
Sulfide	18496-25-8	mg/L	4/23/2025	<1.00										<1.00					<1.00										
Sulfide	18496-25-8	mg/L	4/24/2025													<1.00													
Sulfide	18496-25-8	mg/L	4/30/2025		<1.00																								
Sulfide	18496-25-8	mg/L	5/5/2025						<1.00																				
Sulfide	18496-25-8	mg/L	5/6/2025										<1.00		<1.00														
Sulfide	18496-25-8	mg/L	5/7/2025				<1.00													<1.00									
Sulfide	18496-25-8	mg/L	5/8/2025			<1.00		<1.00																					
Sulfide	18496-25-8	mg/L	10/22/2025		<2.50																								
Sulfide	18496-25-8	mg/L	5/4/2026														<1.00												
Sulfide	18496-25-8	mg/L	5/6/2026															<1.00											
Sulfide	18496-25-8	mg/L	5/12/2026		<1.00																								
Tetrachloro-m-xylene	877-09-8	ug/L	4/23/2025	9.56; 10.5										8.04; 10.8					7.89; 11.0										
Tetrachloro-m-xylene	877-09-8	ug/L	4/24/2025													8.67; 8.67													
Tetrachloro-m-xylene	877-09-8	ug/L	5/5/2025						9.32; 9.32																				
Tetrachloro-m-xylene	877-09-8	ug/L	5/6/2025										9.94; 9.94		11.3; 11.3														
Tetrachloro-m-xylene	877-09-8	ug/L	5/7/2025				7.73; 7.73													8.52; 8.52									
Tetrachloro-m-xylene	877-09-8	ug/L	5/8/2025			9.32; 9.32		8.23; 8.23																					
Tetrachloro-m-xylene	877-09-8	ug/L	10/22/2025										10.8																
Tetrachloro-m-xylene	877-09-8	ug/L	5/4/2026														7.33												
Tetrachloro-m-xylene	877-09-8	ug/L	5/5/2026										6.74																
Tetrachloro-m-xylene	877-09-8	ug/L	5/6/2026															11.6											
Tetrachloroethene	127-18-4	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
Tetrachloroethene	127-18-4	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
Tetrachloroethene	127-18-4	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
Tetrachloroethene	127-18-4	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
Tetrachloroethene	127-18-4	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
Tetrachloroethene	127-18-4	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
Tetrachloroethene	127-18-4	ug/L	7/7/2009							<1			1.39	<1	<1	<1			<1	<1									
Tetrachloroethene	127-18-4	ug/L	9/2/2009							<1			<1	<1	<1	<1			<1	<1									
Tetrachloroethene	127-18-4	ug/L	10/25/2009	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
Tetrachloroethene	127-18-4	ug/L	1/2/2010							<1			<1	<1	<1	<1			<1	<1									
Tetrachloroethene	127-18-4	ug/L	3/3/2010									<2	<2	<2	<2	<2	<2	<2	<2	<2									
Tetrachloroethene	127-18-4	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
Tetrachloroethene	127-18-4	ug/L	7/8/2010							<1		<1					<1	<1											
Tetrachloroethene	127-18-4	ug/L	9/13/2010							<1		<1					<1	<1											
Tetrachloroethene	127-18-4	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
Tetrachloroethene	127-18-4	ug/L	1/10/2011							<1		<1					<1	<1											
Tetrachloroethene	127-18-4	ug/L	4/4/2011							<1		<1					<1	<1											
Tetrachloroethene	127-18-4	ug/L	8/11/2011																							<1			
Tetrachloroethene	127-18-4	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Tetrachloroethene	127-18-4	ug/L	12/5/2011				<1													<1						<1			
Tetrachloroethene	127-18-4	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Tetrachloroethene	127-18-4	ug/L	6/25/2012					<1		<1																<1	<1		
Tetrachloroethene	127-18-4	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
Tetrachloroethene	127-18-4	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Tetrachloroethene	127-18-4	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
Tetrachloroethene	127-18-4	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Tetrachloroethene	127-18-4	ug/L	7/10/2013																		<1	<1	<1	<1	<1				

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Tetrachloroethene	127-18-4	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	0.241J	<1	0.351J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	0.765J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	4/8/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	0.323J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	0.194J	<1	0.223J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	0.24J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	0.371J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	4/20/2018											<1					<1	<1									
Tetrachloroethene	127-18-4	ug/L	4/23/2018	<1								<1	<1		0.424J	<1	<1												
Tetrachloroethene	127-18-4	ug/L	4/24/2018																								<1		
Tetrachloroethene	127-18-4	ug/L	4/25/2018						<1																				
Tetrachloroethene	127-18-4	ug/L	4/30/2018			<1	<1	<1										<1											
Tetrachloroethene	127-18-4	ug/L	5/1/2018								<1										<1	<1							
Tetrachloroethene	127-18-4	ug/L	5/2/2018																				<1	<1	<1				
Tetrachloroethene	127-18-4	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	10/1/2019	<1	7.43	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	3/30/2020	<1	4.31	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	6/24/2020		4.52																								
Tetrachloroethene	127-18-4	ug/L	10/7/2020	<1	4.21	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Tetrachloroethene	127-18-4	ug/L	1/21/2021		4.5																								
Tetrachloroethene	127-18-4	ug/L	4/13/2021	<1	5.5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Tetrachloroethene	127-18-4	ug/L	10/20/2021		4.4			<1	<1			0.5J	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	5/2/2022		5.3			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/14/2022		3.6			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	5/1/2023	<1	4.15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/16/2023		3.96			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/29/2024		3.67			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/9/2024		3.95								<1.00														<1.00		
Tetrachloroethene	127-18-4	ug/L	10/10/2024						<1.00			<1.00													<1.00		<1.00		
Tetrachloroethene	127-18-4	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
Tetrachloroethene	127-18-4	ug/L	10/15/2024																				<1.00		<1.00				
Tetrachloroethene	127-18-4	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Tetrachloroethene	127-18-4	ug/L	4/24/2025													<1.00													
Tetrachloroethene	127-18-4	ug/L	4/30/2025		4.22							<1.00														<1.00	<1.00		
Tetrachloroethene	127-18-4	ug/L	5/5/2025						<1.00																			<1.00	
Tetrachloroethene	127-18-4	ug/L	5/6/2025										<1.00		<1.00														
Tetrachloroethene	127-18-4	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
Tetrachloroethene	127-18-4	ug/L	5/8/2025			<1.00		<1.00																					<1.00
Tetrachloroethene	127-18-4	ug/L	5/9/2025							<1.00	<1.00													<1.00					
Tetrachloroethene	127-18-4	ug/L	10/1/2025						<1.00																	<1.00	<1.00	<1.00	
Tetrachloroethene	127-18-4	ug/L	10/22/2025		3.62							<1.00	<1.00																
Tetrachloroethene	127-18-4	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
Tetrachloroethene	127-18-4	ug/L	10/24/2025																										<1.00
Tetrachloroethene	127-18-4	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
Tetrachloroethene	127-18-4	ug/L	5/5/2026		4.42				<1.00				<1.00															<1.00	
Tetrachloroethene	127-18-4	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
Tetrachloroethene	127-18-4	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
Thallium	7440-28-0	mg/L	2/27/2008	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002																			
Thallium	7440-28-0	mg/L	5/12/2008	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002																			
Thallium	7440-28-0	mg/L	7/13/2008	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002																			
Thallium	7440-28-0	mg/L	9/14/2008	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002																			
Thallium	7440-28-0	mg/L	11/17/2008	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002																			
Thallium	7440-28-0	mg/L	4/14/2009	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002																			
Thallium	7440-28-0	mg/L	7/7/2009										<0.002	<0.002	<0.002	<0.002			<0.002	<0.002									
Thallium	7440-28-0	mg/L	9/2/2009										<0.002	<0.002	<0.002	<0.002			<0.002	<0.002									
Thallium	7440-28-0	mg/L	10/25/2009	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002			<0.002	<0.002									
Thallium	7440-28-0	mg/L	1/2/2010										<0.002	<0.002	<0.002	<0.002			<0.002	<0.002									
Thallium	7440-28-0	mg/L	3/3/2010									<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002									
Thallium	7440-28-0	mg/L	5/10/2010	<0.0004		0.00073	<0.0004	<0.0004	<0.0004	<0.0004		0.00048	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004									
Thallium	7440-28-0	mg/L	7/8/2010									<0.002					<0.002	<0.002											
Thallium	7440-28-0	mg/L	9/13/2010									<0.002					<0.002	<0.002											
Thallium	7440-28-0	mg/L	11/1/2010	<0.002		<0.002		<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002													
Thallium	7440-28-0	mg/L	1/10/2011									<0.002					<0.002	<0.002											
Thallium	7440-28-0	mg/L	4/4/2011							<0.002		<0.002					<0.002	<0.002											
Thallium	7440-28-0	mg/L	7/8/2011							<0.002		<0.002																	
Thallium	7440-28-0	mg/L	8/11/2011							<0.002		<0.002															<0.002		
Thallium	7440-28-0	mg/L	10/13/2011	<0.002		<0.002		<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.004								<0.002		
Thallium	7440-28-0	mg/L	12/5/2011				<0.002			<0.002		<0.002								<0.002							<0.002		
Thallium	7440-28-0	mg/L	4/11/2012	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002							<0.002	<0.002	
Thallium	7440-28-0	mg/L	6/25/2012					<0.002		<0.002																	<0.002	<0.002	
Thallium	7440-28-0	mg/L	8/1/2012						<0.002	<0.002											<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
Thallium	7440-28-0	mg/L	10/11/2012	<0.002		<0.002	<0.002	<0.002	<0.002			<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
Thallium	7440-28-0	mg/L	12/13/2012							<0.002											<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		
Thallium	7440-28-0	mg/L	2/4/2013							<0.002											<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	3/30/2013	<0.002		<0.002	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		
Thallium	7440-28-0	mg/L	7/10/2013																		<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	10/7/2013	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		
Thallium	7440-28-0	mg/L	6/2/2014	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.000706J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	10/15/2014	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	4/6/2015	<0.001		<0.001	0.000273J	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001					
Thallium	7440-28-0	mg/L	10/5/2015	<0.001		<0.001	0.000038J	<0.001	<0.001	<0.001	<0.001	<0.001	0.000038J	<0.001	<0.001	<0.001	<0.001	<0.001	0.000045J	<0.001	<0.001	<0.001: 0.000063J	<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	4/4/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.000029J	<0.001	<0.001	<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	10/17/2016	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	4/17/2017	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	10/11/2017	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	4/20/2018											<0.001					<0.001	<0.001									
Thallium	7440-28-0	mg/L	4/23/2018	<0.001								<0.001	<0.001		<0.001	<0.001	<0.001												
Thallium	7440-28-0	mg/L	4/25/2018						<0.001		<0.001																		
Thallium	7440-28-0	mg/L	4/30/2018			<0.001	<0.001	<0.001										<0.001											
Thallium	7440-28-0	mg/L	5/1/2018																		<0.001	<0.001							
Thallium	7440-28-0	mg/L	5/2/2018																				<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	10/16/2018	<0.002		<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.001	<0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	4/16/2019	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	10/1/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	6/24/2020		<0.001																								
Thallium	7440-28-0	mg/L	10/7/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Thallium	7440-28-0	mg/L	1/21/2021		<0.002																								
Thallium	7440-28-0	mg/L	4/13/2021	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0002J	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	10/20/2021		<0.002			<0.002				<0.002					<0.002	<0.002			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0003J	<0.002	<0.002
Thallium	7440-28-0	mg/L	5/2/2022					<0.002	<0.002	<0.002											<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	10/14/2022					<0.002													<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0004J	0.0011J
Thallium	7440-28-0	mg/L	5/1/2023					<0.001		<0.001	<0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/16/2023					0.000733J													<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	4/29/2024					<0.001		<0.001	<0.001										<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/9/2024																								0.000628J		
Thallium	7440-28-0	mg/L	10/10/2024																							<0.00100		0.000668J	
Thallium	7440-28-0	mg/L	10/14/2024																		<0.00100	<0.00100		<0.00100					<0.00100
Thallium	7440-28-0	mg/L	10/15/2024																				<0.00100		<0.00100				
Thallium	7440-28-0	mg/L	4/23/2025	<0.00100										<0.00100					<0.00100										
Thallium	7440-28-0	mg/L	4/24/2025													<0.00100													
Thallium	7440-28-0	mg/L	4/30/2025																							<0.00100	<0.00100		
Thallium	7440-28-0	mg/L	5/5/2025						<0.00100																			<0.00100	
Thallium	7440-28-0	mg/L	5/6/2025										<0.00100		<0.00100														
Thallium	7440-28-0	mg/L	5/7/2025				<0.00100													<0.00100	<0.00100	<0.00100	<0.00100						
Thallium	7440-28-0	mg/L	5/8/2025			<0.00100		<0.00100																					<0.00100
Thallium	7440-28-0	mg/L	5/9/2025							<0.00100	<0.00100													<0.00100	<0.00100				
Thallium	7440-28-0	mg/L	10/21/2025																							<0.00100	<0.00100	<0.00100	
Thallium	7440-28-0	mg/L	10/23/2025					<0.00100													<0.00100	<0.00100	<0.00100	<0.00100	<0.00100				
Thallium	7440-28-0	mg/L	10/24/2025																										<0.00100
Thallium	7440-28-0	mg/L	5/4/2026														<0.000400									<0.000400	<0.000400		
Thallium	7440-28-0	mg/L	5/5/2026																									<0.000400	
Thallium	7440-28-0	mg/L	5/6/2026							<0.000400	<0.000400							<0.000400			<0.000400								
Thallium	7440-28-0	mg/L	5/8/2026					<0.000400														<0.000400	<0.000400	<0.000400	<0.000400				<0.000400

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Thionazin	297-97-2	ug/L	3/30/2013																							<10	<10		
Thionazin	297-97-2	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
Thionazin	297-97-2	ug/L	6/2/2014																					<10.1					
Thionazin	297-97-2	ug/L	10/15/2014																					<10					
Thionazin	297-97-2	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
Thionazin	297-97-2	ug/L	4/4/2016									<10					<10	<10											
Thionazin	297-97-2	ug/L	5/1/2018																		<10.4	<10.3							
Thionazin	297-97-2	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
Thionazin	297-97-2	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
Thionazin	297-97-2	ug/L	6/24/2020		<10.4																								
Thionazin	297-97-2	ug/L	10/20/2021		<0.4							<0.4					<0.4	<0.4											
Thionazin	297-97-2	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
Thionazin	297-97-2	ug/L	4/23/2025	<10.4										<10.4					<10.4										
Thionazin	297-97-2	ug/L	4/24/2025													<10.4													
Thionazin	297-97-2	ug/L	5/5/2025						<10.2																				
Thionazin	297-97-2	ug/L	5/6/2025										<10.4		<10.6														
Thionazin	297-97-2	ug/L	5/7/2025				<10.2													<10.6									
Thionazin	297-97-2	ug/L	5/8/2025			<9.80		<10.6																					
Thionazin	297-97-2	ug/L	5/4/2026														<10.9												
Thionazin	297-97-2	ug/L	5/6/2026															<10.4											
Tin	7440-31-5	mg/L	4/14/2009	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Tin	7440-31-5	mg/L	7/7/2009							<0.1																			
Tin	7440-31-5	mg/L	9/2/2009							<0.1																			
Tin	7440-31-5	mg/L	10/25/2009							<0.1																			
Tin	7440-31-5	mg/L	1/2/2010							<0.1																			
Tin	7440-31-5	mg/L	5/10/2010	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1			<0.1	<0.1	<0.1	<0.1			<0.1	<0.1									
Tin	7440-31-5	mg/L	11/1/2010							<0.1																			
Tin	7440-31-5	mg/L	4/4/2011									<0.1					<0.1	<0.1											
Tin	7440-31-5	mg/L	4/11/2012							<0.1																			
Tin	7440-31-5	mg/L	10/11/2012								<0.1																		
Tin	7440-31-5	mg/L	3/30/2013								<0.1															<0.1	<0.1		
Tin	7440-31-5	mg/L	7/10/2013																		<0.1	<0.1	<0.1	<0.1	<0.1				
Tin	7440-31-5	mg/L	10/5/2015	<0.005		<0.005	<0.005	<0.005	<0.005				<0.005	<0.005	<0.005	0.00314J			<0.005	<0.005									
Tin	7440-31-5	mg/L	4/4/2016									<0.005					0.00164J	<0.005											
Tin	7440-31-5	mg/L	5/1/2018																		<0.005	<0.005							
Tin	7440-31-5	mg/L	5/2/2018																				<0.005	<0.005	<0.005				
Tin	7440-31-5	mg/L	3/30/2020	<0.005		<0.005	<0.005	<0.005	<0.005				<0.005	<0.005	<0.005	<0.005			<0.005	<0.005									
Tin	7440-31-5	mg/L	6/24/2020		<0.005																								
Tin	7440-31-5	mg/L	10/20/2021		<0.02							<0.02					<0.02	<0.02											
Tin	7440-31-5	mg/L	5/1/2023																		<0.005	<0.005	<0.005	<0.005	<0.005				
Tin	7440-31-5	mg/L	4/23/2025	<0.00500										<0.00500					<0.00500										
Tin	7440-31-5	mg/L	4/24/2025													<0.00500													
Tin	7440-31-5	mg/L	5/5/2025						<0.00500																				
Tin	7440-31-5	mg/L	5/6/2025										<0.00500		<0.00500														
Tin	7440-31-5	mg/L	5/7/2025				<0.00500													<0.00500									
Tin	7440-31-5	mg/L	5/8/2025			<0.00500		<0.00500																					
Tin	7440-31-5	mg/L	5/4/2026														<0.00500												
Tin	7440-31-5	mg/L	5/6/2026															<0.00500											
Toluene	108-88-3	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
Toluene	108-88-3	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
Toluene	108-88-3	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
Toluene	108-88-3	ug/L	9/14/2008	<1		5.07	<1	<1	<1	<1																			
Toluene	108-88-3	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
Toluene	108-88-3	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
Toluene	108-88-3	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1									
Toluene	108-88-3	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
Toluene	108-88-3	ug/L	10/25/2009	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
Toluene	108-88-3	ug/L	1/2/2010										<1	<1	<1	<1			<1	<1									
Toluene	108-88-3	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
Toluene	108-88-3	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
Toluene	108-88-3	ug/L	7/8/2010							<1		<1					<1	<1											
Toluene	108-88-3	ug/L	9/13/2010							<1		<1					<1	<1											
Toluene	108-88-3	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
Toluene	108-88-3	ug/L	1/10/2011							<1		<1					<1	<1											
Toluene	108-88-3	ug/L	4/4/2011							<1		<1					<1	<1											
Toluene	108-88-3	ug/L	8/11/2011																							<1			
Toluene	108-88-3	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Toluene	108-88-3	ug/L	12/5/2011				<1													<1						<1			
Toluene	108-88-3	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Toluene	108-88-3	ug/L	6/25/2012					<1		<1																<1	<1		
Toluene	108-88-3	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
Toluene	108-88-3	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Toluene	108-88-3	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
Toluene	108-88-3	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Toluene	108-88-3	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
Toluene	108-88-3	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.284J	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	4/20/2018											<1					<1	<1									
Toluene	108-88-3	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
Toluene	108-88-3	ug/L	4/25/2018						<1																				
Toluene	108-88-3	ug/L	4/30/2018			<1	<1	<1										<1											
Toluene	108-88-3	ug/L	5/1/2018								<1										<1	<1							
Toluene	108-88-3	ug/L	5/2/2018																				<1	<1	<1				
Toluene	108-88-3	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	6/24/2020		<1																								
Toluene	108-88-3	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.67	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	1/21/2021		<1																								
Toluene	108-88-3	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	10/20/2021		<1			<1	<1			<1	0.3J				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	0.3J	<1	<1
Toluene	108-88-3	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/9/2024		<1.00								<1.00														<1.00		
Toluene	108-88-3	ug/L	10/10/2024						<1.00			<1.00														<1.00	<1.00	
Toluene	108-88-3	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
Toluene	108-88-3	ug/L	10/15/2024																				<1.00		<1.00				
Toluene	108-88-3	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Toluene	108-88-3	ug/L	4/24/2025													<1.00													
Toluene	108-88-3	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
Toluene	108-88-3	ug/L	5/5/2025						<1.00																		<1.00		
Toluene	108-88-3	ug/L	5/6/2025										<1.00		<1.00														
Toluene	108-88-3	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
Toluene	108-88-3	ug/L	5/8/2025			<1.00		<1.00																					<1.00
Toluene	108-88-3	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
Toluene	108-88-3	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
Toluene	108-88-3	ug/L	10/22/2025		<1.00							<1.00	<1.00																
Toluene	108-88-3	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
Toluene	108-88-3	ug/L	10/24/2025																										<1.00
Toluene	108-88-3	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
Toluene	108-88-3	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
Toluene	108-88-3	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
Toluene	108-88-3	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
Total Organic Carbon	TOC	mg/L	4/6/2015	0.48J		<1	2.09	0.618J	0.999J	0.514J	1.17	0.528J	2.38	0.562J	<1	8.48	12.6	1.38	0.538J	1.5	1.97	<1	0.487J	0.474J	0.674J	0.507J	0.451J		
Total Organic Carbon	TOC	mg/L	10/5/2015	0.615J		<1	1.8	0.607J	1.09	0.553J	1.01	0.556J	1.95	0.478J	0.444J	12.9	16.3	1.19	<1	1.02	2.29	<1	0.5J	0.408J	0.964J	0.491J	0.426J		

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Total Organic Carbon	TOC	mg/L	4/4/2016	<1		<1	3.23	0.66J	0.615J	<1	0.873J	<2	1.32	<1	<1	6.27	12.4	2.59	<1	2.24	1.86	<1	<1	<1	0.569J	<1	<1		
Total Organic Carbon	TOC	mg/L	10/17/2016	0.68J		<1	1.88	0.744J	0.687J	<1	0.795J	0.595J	1.74	<1	1.11	7.82	7.45	2.28	<1	1.83	1.77	<1	<1	<1	<1	<1	0.702J		
Total Suspended Solids	STL00161	mg/L	10/9/2024		<1.88								12.4														2.63		
Total Suspended Solids	STL00161	mg/L	10/10/2024						5.88			9.38														1.63J		20.6		
Total Suspended Solids	STL00161	mg/L	10/14/2024																		6.00	<1.88		<1.88					1.50J
Total Suspended Solids	STL00161	mg/L	10/15/2024				20.0																<1.88		<1.88				
Total Suspended Solids	STL00161	mg/L	4/23/2025	<1.88										<1.88					7.50										
Total Suspended Solids	STL00161	mg/L	4/24/2025													5.33	23.0												
Total Suspended Solids	STL00161	mg/L	4/30/2025		<1.88							2.13														<1.88	<1.88		
Total Suspended Solids	STL00161	mg/L	5/5/2025						2.13																			5.63	
Total Suspended Solids	STL00161	mg/L	5/6/2025										<1.88		1.88														
Total Suspended Solids	STL00161	mg/L	5/7/2025				45.5													64.5	2.75	<1.88	<1.88						
Total Suspended Solids	STL00161	mg/L	5/8/2025			9.75		2.00																					2.88
Total Suspended Solids	STL00161	mg/L	5/9/2025							<1.88	<1.88							5.75						2.88	<1.88				
Total Suspended Solids	STL00161	mg/L	10/21/2025						3.67																	2.75	<1.88	9.25	
Total Suspended Solids	STL00161	mg/L	10/22/2025		<1.88							10.4	5.00																
Total Suspended Solids	STL00161	mg/L	10/23/2025					9.63													28.5	6.50	1.88	3.87	28.8				
Total Suspended Solids	STL00161	mg/L	10/24/2025				79.0																						9.00
Total Suspended Solids	STL00161	mg/L	5/4/2026									<1.88					30.5									<1.88	<1.88		
Total Suspended Solids	STL00161	mg/L	5/5/2026		<5.00				1.75				<1.88		<1.88	8.37												17.7	
Total Suspended Solids	STL00161	mg/L	5/6/2026	4.25		8.13				1.75	4.00			<1.88				16.0	4.00	216	15.9								
Total Suspended Solids	STL00161	mg/L	5/8/2026				35.0	<5.00														1.50	2.13	1.13	4.00				4.88
Total Suspended Solids	TSS	mg/L	6/2/2014	<5		20.7	16.5	<5	<5	4.67J	4.67J	<5	27	<5	<5	9	510	28.5	244	14	42.7	<5	4J	18.3	8.67		<5		
Total Suspended Solids	TSS	mg/L	10/15/2014	<1.88		1.63J	37.7	<1.88	<1.88	2.88	<1.88	1.75J	20.8	482	<1.88	15	47.3	<1.88	71.7	15	16.5	<1.88	<1.88	<1.88	<1.88		<1.88		
Total Suspended Solids	TSS	mg/L	4/6/2015	<2.5		1.25J	40	<1.88	<2.5	1.38J	6.17	<2.5	22.8	<2.5	3.83	7.4	43	2.25	313	29	15	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<8.93	
Total Suspended Solids	TSS	mg/L	10/5/2015	<1.88		1.25J	14.9	<1.88	2.13	10.8	1.25J	1.75J	82.8	2.13	2.38	22.8	36.8	8.13	227	76.2	3.25	<1.88	3.67J	<1.88	2.38	<1.88	<1.88		
Total Suspended Solids	TSS	mg/L	4/4/2016	<1.88		1.25J	26.6; 29.4	0.875J	1.13J	2	3.75	1.13J	4.38	2.38	0.875J	7.13	57	3.25	34.8	157	13.9	0.875J	1.25J	<1.88	1.25J	<1.88	<1.88		
Total Suspended Solids	TSS	mg/L	10/11/2016										7.38						4.88	8									
Total Suspended Solids	TSS	mg/L	10/17/2016	0.875J		5.5	17	2.38	0.75J	4.75	15	25.1	8.12	2.13	0.75J	23.9	48.9	10.4	7.25	7.5	3.63	<1.88	<1.88	0.75J	1.75J	2.5	<1.88		
Total Suspended Solids	TSS	mg/L	11/14/2016										5.5						34.3	49.7									
Total Suspended Solids	TSS	mg/L	4/17/2017	<1.88		1.88	30.4	<1.88	0.75J	1.13J	2	3.25	0.75J	4.62	2.63	16	47.1	22.1	15.9	5	4.75	0.875J	<1.88	0.875J	<1.88	<1.88	0.625J		
Total Suspended Solids	TSS	mg/L	10/11/2017	<1.88		2.63	10.9	<1.88	1.88	5.63	1J	1.25J	31.3	4.38	1.25J	40.9	66	8.37	3.38	7.5	3.5	0.75J	<1.88	0.875J	0.625J	5.25	4.13		
Total Suspended Solids	TSS	mg/L	4/20/2018											0.875J					2	25.7									
Total Suspended Solids	TSS	mg/L	4/23/2018	<1.88								2.5	14.5		1.25J	10.1	45.9												
Total Suspended Solids	TSS	mg/L	4/24/2018																								<1.88		
Total Suspended Solids	TSS	mg/L	4/25/2018						0.75J																	0.75J			
Total Suspended Solids	TSS	mg/L	4/30/2018			1.25J; 1.13J	5.88	<1.88										4.13											
Total Suspended Solids	TSS	mg/L	5/1/2018								2.88										2.5	1J							
Total Suspended Solids	TSS	mg/L	5/2/2018																				1.13J	0.75J	<1.88				
Total Suspended Solids	TSS	mg/L	10/16/2018	0.75J		14.5	21.9	1.75J	1.25J	2.13	2.5	45	1.38J	0.875J	1.63J	4.5	33	8.75	2.38	28.6	3.38	3.25	<1.88	<1.88	2; 0.875J	2.63	4.13	2.5	
Total Suspended Solids	TSS	mg/L	4/16/2019	1.25J		2.5	32	<1.88	1.25J	2.5	2.25	32.8	7.25	1.75J	<1.88	7	39	31.3	16.1	93	22	1J	1.38J	1.63J	<1.88	4.13	1.25J	2.75	
Total Suspended Solids	TSS	mg/L	10/1/2019	0.75J	0.875J	3	9.75	<1.88	1.25J	<1.88	0.75J	3.13	1.25J	2.38	10.6	6.25	44	17.3	8.75	341	26.8	1.63J	2.63	0.75J	0.75J	2.63	1.75J	<1.88	19.3
Total Suspended Solids	TSS	mg/L	3/30/2020	<1.88	<1.88	1.25J	26.5	<1.88	2.25J	1J	1.88	6.75	92.7	<1.88	<1.88	2.25	38	88	6.63	134	20.4	1.63J; 1.5J	1.88	0.75J	<1.88	2.25	0.875J	2.88	<1.88
Total Suspended Solids	TSS	mg/L	6/24/2020		<1.88																								
Total Suspended Solids	TSS	mg/L	10/7/2020	<1.88	<1.88	2.88; 1.13J	8.25	1.38J	2.13	1J	2.13	70.8	10.8	<1.88	<1.88	22	38	25	5.88	131	5.5	1.63J	<1.88	<1.88	<1.88	1J	11	<1.88	
Total Suspended Solids	TSS	mg/L	1/21/2021		<2																								
Total Suspended Solids	TSS	mg/L	4/13/2021	<2	<2	5	34	<2	4; <2	<2	2	2	3	<2	<2	<2	47	18	5	76	4	<2	<2	<2	<2	<2	2	2	4	<2
Total Suspended Solids	TSS	mg/L	10/20/2021		<2			16; 3	2			3	2				47	4			25	<1	3	5	69	<1	9	2	4
Total Suspended Solids	TSS	mg/L	5/2/2022	4	<2	7	38	<2	2	2	19	3	<2	<3	<2	6	49	21	366	164	8	4	<2	<2	<2; 2	<2	<2	<2	<2
Total Suspended Solids	TSS	mg/L	10/14/2022		<2		17	2; <2	<2			14	4								20	10	<2	<2	<2	5	10	40	<2
Total Suspended Solids	TSS	mg/L	5/1/2023	1.5J	0.875J	14.4	29.5	4	0.875J; 1.75J	1.63J	3.13	4.25	17.1	0.875J	1.13J	12.5	38	10.4	36.8	173	7.75	6.5	1.13J	<1.88	3.13	<1.88	<1.88	5.37	0.875J
Total Suspended Solids	TSS	mg/L	10/16/2023		<1.88		10.5	3	2.63			9.87	11.8								11	12.3; 11.4	1.13J	1J	5.13	1.25J	1.25J	10.3	1.13J
Total Suspended Solids	TSS	mg/L	4/29/2024	<1.88	<1.88	6.38	10.9	<1.88	<1.88	<1.88	4.13	3.87	2.38	<1.88	1.75J	5.25	31.5	11.4	590	75	6.38	1.63J	<1.88	17.1	3.13; 2	2.25	1.5J	9.38	1.5J
Toxaphene	8001-35-2	ug/L	4/14/2009	<2		<2	<2	<2	<2	<2																			
Toxaphene	8001-35-2	ug/L	9/2/2009							<2																			
Toxaphene	8001-35-2	ug/L	10/25/2009							<2																			
Toxaphene	8001-35-2	ug/L	1/2/2010							<2																			
Toxaphene	8001-35-2	ug/L	5/10/2010	<2		<2	<2	<2	<2	<2			<2	<2	<2	<2			<2	<2									
Toxaphene	8001-35-2	ug/L	11/1/2010							<2																			
Toxaphene	8001-35-2	ug/L	4/4/2011							<2		<2					<2	<2											
Toxaphene	8001-35-2	ug/L	10/11/2012								<2																		
Toxaphene	8001-35-2	ug/L	3/30/2013																							<2	<2		
Toxaphene	8001-35-2	ug/L	7/10/2013																		<2.04	<2.02	<2.02	<2.17	<2.17				
Toxaphene	8001-35-2	ug/L	10/5/2015	<2.04		<2.11	<2	<2.04	<2.02				<2.08	<2.02	<2	<2.06			<2.17	<2.02									
Toxaphene	8001-35-2	ug/L	4/4/2016									<2					<2	<2											
Toxaphene	8001-35-2	ug/L	5/1/2018																		<2.08	<2.02							
Toxaphene	8001-35-2	ug/L	3/30/2020	<2.08		<2.11	<2.08	<2.15	<2.11				<2.11	<2.08	<2.08	<2.08			<2.06	<2.06			<2.11	<2.11	<2.08				
Toxaphene	8001-35-2	ug/L	6/24/2020		<2.11																								
Toxaphene	8001-35-2	ug/L	10/20/2021		<0.2							<0.2					<0.2	<0.2											
Toxaphene	8001-35-2	ug/L	5/1/2023																		<2	<2.33	<2.22	<2	<2				
Toxaphene	8001-35-2	ug/L	4/23/2025	<1.82										<1.79					<1.81										
Toxaphene	8001-35-2	ug/L	4/24/2025													<1.84													
Toxaphene	8001-35-2	ug/L	5/5/2025						<1.79																				
Toxaphene	8001-35-2	ug/L	5/6/2025										<1.81		<1.80														
Toxaphene	8001-35-2	ug/L	5/7/2025				<1.81													<1.81									
Toxaphene	8001-35-2	ug/L	5/8/2025			<1.76		<1.81																					
Toxaphene	8001-35-2	ug/L	5/4/2026														<4.88												
Toxaphene	8001-35-2	ug/L	5/6/2026															<4.94											
Trichloroethene	79-01-6	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
Trichloroethene	79-01-6	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
Trichloroethene	79-01-6	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
Trichloroethene	79-01-6	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
Trichloroethene	79-01-6	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
Trichloroethene	79-01-6	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
Trichloroethene	79-01-6	ug/L	7/7/2009							<1			5.11	<1	<1	<1			<1	<1									
Trichloroethene	79-01-6	ug/L	9/2/2009							<1			2.47	<1	<1	<1			<1	<1									
Trichloroethene	79-01-6	ug/L	10/25/2009	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
Trichloroethene	79-01-6	ug/L	1/2/2010							<1			<1	<1	<1	<1			<1	<1									
Trichloroethene	79-01-6	ug/L	3/3/2010									<1	2.36	<1	<1	<1	<1	<1	<1	<1									
Trichloroethene	79-01-6	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
Trichloroethene	79-01-6	ug/L	7/8/2010							<1		<1					<1	<1											
Trichloroethene	79-01-6	ug/L	9/13/2010							<1		<1					<1	<1											
Trichloroethene	79-01-6	ug/L	1/1/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
Trichloroethene	79-01-6	ug/L	1/10/2011							<1		<1					<1	<1											
Trichloroethene	79-01-6	ug/L	4/4/2011							<1		<1					<1	<1											
Trichloroethene	79-01-6	ug/L	8/11/2011																							<1			
Trichloroethene	79-01-6	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Trichloroethene	79-01-6	ug/L	12/5/2011				<1													<1						<1			
Trichloroethene	79-01-6	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Trichloroethene	79-01-6	ug/L	6/25/2012					<1		<1																<1	<1		
Trichloroethene	79-01-6	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
Trichloroethene	79-01-6	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Trichloroethene	79-01-6	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1	<1	<1		
Trichloroethene	79-01-6	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1	<1			
Trichloroethene	79-01-6	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Trichloroethene	79-01-6	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
Trichloroethene	79-01-6	ug/L	10/7/2013	<1		<1				<1	<1	<1	1.47	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	0.828J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	0.411J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	0.724J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	0.301J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	4/20/2018											<1					<1	<1									
Trichloroethene	79-01-6	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
Trichloroethene	79-01-6	ug/L	4/24/2018																								<1		
Trichloroethene	79-01-6	ug/L	4/25/2018						<1																				
Trichloroethene	79-01-6	ug/L	4/30/2018			<1	<1	<1										<1											
Trichloroethene	79-01-6	ug/L	5/1/2018								<1										<1	<1							
Trichloroethene	79-01-6	ug/L	5/2/2018																				<1	<1	<1				
Trichloroethene	79-01-6	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	10/1/2019	<1	5.08	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	3/30/2020	<1	2.41	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Trichloroethene	79-01-6	ug/L	6/24/2020		2.01																								
Trichloroethene	79-01-6	ug/L	10/7/2020	<1	1.83	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Trichloroethene	79-01-6	ug/L	1/21/2021		1.9																								
Trichloroethene	79-01-6	ug/L	4/13/2021	<1	2.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Trichloroethene	79-01-6	ug/L	10/20/2021		1.6			<1	<1			0.4J	<1				0.4J	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	5/2/2022		1.9			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/14/2022		1.3			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	5/1/2023	<1	1.44	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/16/2023		1.34			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/29/2024		1.3			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/9/2024		1.10								<1.00														<1.00		
Trichloroethene	79-01-6	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
Trichloroethene	79-01-6	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
Trichloroethene	79-01-6	ug/L	10/15/2024																				<1.00		<1.00				
Trichloroethene	79-01-6	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Trichloroethene	79-01-6	ug/L	4/24/2025													<1.00													
Trichloroethene	79-01-6	ug/L	4/30/2025		0.807							<1.00														<1.00	<1.00		
Trichloroethene	79-01-6	ug/L	5/5/2025						<1.00																			<1.00	
Trichloroethene	79-01-6	ug/L	5/6/2025										<1.00		<1.00														
Trichloroethene	79-01-6	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
Trichloroethene	79-01-6	ug/L	5/8/2025			<1.00		<1.00																					<1.00
Trichloroethene	79-01-6	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
Trichloroethene	79-01-6	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
Trichloroethene	79-01-6	ug/L	10/22/2025		0.909							<1.00	<1.00																
Trichloroethene	79-01-6	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
Trichloroethene	79-01-6	ug/L	10/24/2025																										<1.00
Trichloroethene	79-01-6	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
Trichloroethene	79-01-6	ug/L	5/5/2026		1.37				<1.00				<1.00															<1.00	
Trichloroethene	79-01-6	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
Trichloroethene	79-01-6	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
Trichlorofluoromethane	75-69-4	ug/L	2/27/2008	<4		<4	<4	<4	<4	<4																			
Trichlorofluoromethane	75-69-4	ug/L	5/12/2008	<4		<4	<4	<4	<4	<4																			
Trichlorofluoromethane	75-69-4	ug/L	7/13/2008	<4		<4	<4	<4	<4	<4																			
Trichlorofluoromethane	75-69-4	ug/L	9/14/2008	<4		<4	<4	<4	<4	<4																			
Trichlorofluoromethane	75-69-4	ug/L	11/17/2008	<4		<4	<4	<4	<4	<4																			
Trichlorofluoromethane	75-69-4	ug/L	4/14/2009	<4		<4	<4	<4	<4	<4																			
Trichlorofluoromethane	75-69-4	ug/L	7/7/2009							<4			<4	<4	<4	<4			<4	<4									
Trichlorofluoromethane	75-69-4	ug/L	9/2/2009							<4			<4	<4	<4	<4			<4	<4									
Trichlorofluoromethane	75-69-4	ug/L	10/25/2009	<4		<4	<4	<4	<4	<4			<4	<4	<4	<4			<4	<4									
Trichlorofluoromethane	75-69-4	ug/L	1/2/2010							<4			<4	<4	<4	<4			<4	<4									
Trichlorofluoromethane	75-69-4	ug/L	3/3/2010									<4	<4	<4	<4	<4	<4	<4	<4	<4									
Trichlorofluoromethane	75-69-4	ug/L	5/10/2010	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4									
Trichlorofluoromethane	75-69-4	ug/L	7/8/2010									<4					<4	<4											
Trichlorofluoromethane	75-69-4	ug/L	9/13/2010									<4					<4	<4											
Trichlorofluoromethane	75-69-4	ug/L	11/1/2010	<4		<4		<4	<4	<4			<4	<4	<4	<4													
Trichlorofluoromethane	75-69-4	ug/L	1/10/2011									<4					<4	<4											
Trichlorofluoromethane	75-69-4	ug/L	4/4/2011							<4		<4					<4	<4											
Trichlorofluoromethane	75-69-4	ug/L	8/11/2011																							<4			
Trichlorofluoromethane	75-69-4	ug/L	10/13/2011	<4		<4		<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4							<4			
Trichlorofluoromethane	75-69-4	ug/L	12/5/2011				<4													<4						<4			
Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	<4		<4	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4						<4	<4		
Trichlorofluoromethane	75-69-4	ug/L	6/25/2012				<4			<4																<4	<4		
Trichlorofluoromethane	75-69-4	ug/L	8/1/2012							<4	<4										<4	<4	<4	<4	<4	<4	<4		
Trichlorofluoromethane	75-69-4	ug/L	10/11/2012	<4		<4	<4	<4	<4		<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4		
Trichlorofluoromethane	75-69-4	ug/L	12/13/2012								<4										<4	<4	<4	<4	<4		<4		
Trichlorofluoromethane	75-69-4	ug/L	2/4/2013								<4										<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	3/30/2013	<4		<4	<4	<4	<4		<4	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4		
Trichlorofluoromethane	75-69-4	ug/L	7/10/2013																		<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	10/7/2013	<4		<4			<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4		
Trichlorofluoromethane	75-69-4	ug/L	6/2/2014	0.239J		<4	<4	<4	<4	<4	<4	0.217J	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	10/15/2014	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	4/8/2015	0.223J		<4	<4	<4	<4	<4	<4	0.224J	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	10/5/2015	0.357J		<4	<4	<4	<4	<4	<4	0.184J	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	4/4/2016	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	10/17/2016	0.218J		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	4/17/2017	0.379J		<4	<4	<4	<4	<4	<4	0.212J	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	10/11/2017	0.398J		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	4/20/2018								<4								<4	<4									
Trichlorofluoromethane	75-69-4	ug/L	4/23/2018	0.265J								0.228J	<4		<4	<4	<4												
Trichlorofluoromethane	75-69-4	ug/L	4/25/2018						<4																				
Trichlorofluoromethane	75-69-4	ug/L	4/30/2018			<4	<4	<4										<4											
Trichlorofluoromethane	75-69-4	ug/L	5/1/2018								<4										<4	<4							
Trichlorofluoromethane	75-69-4	ug/L	5/2/2018																				<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	10/16/2018	0.414J		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	4/16/2019	<4		<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	10/1/2019	<4	26.7	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	0.396J	8.43	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	6/24/2020		8.07																								
Trichlorofluoromethane	75-69-4	ug/L	10/7/2020	<4	6.04	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	1/21/2021		6.5																								
Trichlorofluoromethane	75-69-4	ug/L	4/13/2021	0.4J	8.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Trichlorofluoromethane	75-69-4	ug/L	10/20/2021		4.2			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	75-69-4	ug/L	5/2/2022		4.3			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	75-69-4	ug/L	10/14/2022		2.3			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	75-69-4	ug/L	5/1/2023	0.396J	1.83J	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4			<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/16/2023		1.91J			<4	<4			<4	<4								<4	<4	<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/29/2024		2.74J			<4	<4	<4	<4	<4	<4								<4	<4	<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/9/2024		2.14J								<4.00														<4.00		
Trichlorofluoromethane	75-69-4	ug/L	10/10/2024						<4.00			<4.00														<4.00		<4.00	
Trichlorofluoromethane	75-69-4	ug/L	10/14/2024																		<4.00	<4.00		<4.00					<4.00
Trichlorofluoromethane	75-69-4	ug/L	10/15/2024																				<4.00		<4.00				
Trichlorofluoromethane	75-69-4	ug/L	4/23/2025	<4.00										<4.00					<4.00										
Trichlorofluoromethane	75-69-4	ug/L	4/24/2025													<4.00													
Trichlorofluoromethane	75-69-4	ug/L	4/30/2025		1.43							<4.00														<4.00	<4.00		
Trichlorofluoromethane	75-69-4	ug/L	5/5/2025						<4.00																			<4.00	
Trichlorofluoromethane	75-69-4	ug/L	5/6/2025										<4.00		<4.00														
Trichlorofluoromethane	75-69-4	ug/L	5/7/2025				<4.00													<4.00	<4.00	<4.00	<4.00						
Trichlorofluoromethane	75-69-4	ug/L	5/8/2025			<4.00		<4.00																					<4.00
Trichlorofluoromethane	75-69-4	ug/L	5/9/2025							<4.00	<4.00													<4.00	<4.00				
Trichlorofluoromethane	75-69-4	ug/L	10/21/2025						<4.00																	<4.00	<4.00	<4.00	
Trichlorofluoromethane	75-69-4	ug/L	10/22/2025									<4.00	<4.00																
Trichlorofluoromethane	75-69-4	ug/L	10/23/2025					<4.00													<4.00	<4.00	<4.00	<4.00	<4.00				
Trichlorofluoromethane	75-69-4	ug/L	10/24/2025																										<4.00
Trichlorofluoromethane	75-69-4	ug/L	5/4/2026									<4.00					<4.00									<4.00	<4.00		
Trichlorofluoromethane	75-69-4	ug/L	5/5/2026		3.46				<4.00				<4.00															<4.00	
Trichlorofluoromethane	75-69-4	ug/L	5/6/2026							<4.00	<4.00							<4.00			<4.00								
Trichlorofluoromethane	75-69-4	ug/L	5/8/2026					<4.00														<4.00	<4.00	<4.00	<4.00				<4.00
Vanadium	7440-62-2	mg/L	2/27/2008	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05																			
Vanadium	7440-62-2	mg/L	5/12/2008	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05																			
Vanadium	7440-62-2	mg/L	7/13/2008	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05																			
Vanadium	7440-62-2	mg/L	9/14/2008	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05																			
Vanadium	7440-62-2	mg/L	11/17/2008	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05																			
Vanadium	7440-62-2	mg/L	4/14/2009	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05																			
Vanadium	7440-62-2	mg/L	7/7/2009							<0.05			<0.05	<0.05	<0.05	<0.05			<0.05	<0.05									
Vanadium	7440-62-2	mg/L	9/2/2009							<0.05			<0.05	<0.05	<0.05	<0.05			<0.05	<0.05									
Vanadium	7440-62-2	mg/L	10/25/2009	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05			<0.05	<0.05	<0.05	<0.05			<0.05	<0.05									
Vanadium	7440-62-2	mg/L	1/2/2010							<0.05			<0.05	<0.05	<0.05	<0.05			<0.05	<0.05									
Vanadium	7440-62-2	mg/L	3/3/2010									0.128	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05									
Vanadium	7440-62-2	mg/L	5/10/2010	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05									
Vanadium	7440-62-2	mg/L	7/8/2010									<0.05					<0.05	<0.05											
Vanadium	7440-62-2	mg/L	9/13/2010									<0.05					<0.05	<0.05											
Vanadium	7440-62-2	mg/L	11/1/2010	<0.05		<0.05		<0.05	<0.05	<0.05			<0.05	<0.05	<0.05	<0.05													
Vanadium	7440-62-2	mg/L	1/10/2011									<0.05					<0.05	<0.05											
Vanadium	7440-62-2	mg/L	4/4/2011							<0.05		<0.05					<0.05	<0.05											
Vanadium	7440-62-2	mg/L	8/11/2011																							<0.05			
Vanadium	7440-62-2	mg/L	10/13/2011	<0.15		<0.05		<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05							<0.05			
Vanadium	7440-62-2	mg/L	12/5/2011				<0.05													<0.05						<0.05			

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Vanadium	7440-62-2	mg/L	4/11/2012	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05						<0.05	<0.05		
Vanadium	7440-62-2	mg/L	6/25/2012					<0.05		<0.05																<0.05	<0.05		
Vanadium	7440-62-2	mg/L	8/1/2012							<0.05	<0.05		<0.05								<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Vanadium	7440-62-2	mg/L	10/11/2012	<0.05		<0.05	<0.05	<0.05	<0.05		<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0974	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Vanadium	7440-62-2	mg/L	12/13/2012								<0.05										0.0865	0.118	<0.05	<0.05	0.427		<0.05		
Vanadium	7440-62-2	mg/L	2/4/2013								<0.05										0.123	<0.05	<0.05	<0.05	0.12				
Vanadium	7440-62-2	mg/L	3/30/2013	<0.05		<0.05	<0.05	<0.05	<0.05		<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0633	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		
Vanadium	7440-62-2	mg/L	7/10/2013																		0.113	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	10/7/2013	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.154	<0.05	<0.05	<0.05	<0.05	<0.05		
Vanadium	7440-62-2	mg/L	6/2/2014	<0.05		<0.1	<0.05	0.00456J	<0.05	0.00299J	<0.1	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.1	<0.05				
Vanadium	7440-62-2	mg/L	10/15/2014	<0.05		<0.05	0.00315J	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	4/6/2015	0.000902J		0.000592J; 0.00059J	0.000625J	0.000681J	<0.005	<0.005	0.00348J	0.00128J	0.000708J	0.000953J	<0.005	<0.005	0.0009J	<0.005	0.00751	0.00049J	0.00204J	0.00101J	0.00122J	0.00093SJ	0.00072BJ				
Vanadium	7440-62-2	mg/L	10/5/2015	0.000659J		0.00073J	<0.005	0.000587J	<0.005	<0.005	0.0014J	0.00126J	0.00159J	0.000685J	<0.005	<0.005	0.000922J	<0.005	0.00258J	0.000608J	0.00084J	0.000915J; 0.000823J	0.00131J	0.000788J	0.000878J				
Vanadium	7440-62-2	mg/L	4/4/2016	0.000754J		0.000706J	0.00101J; 0.00125J	0.000913J	0.000473J	0.000694J	0.00194J	0.00152J	0.00276J	0.000818J	0.000337J	0.000325J	0.000852J	<0.005	0.00204J	0.00155J	0.000987J	0.00104J	0.00145J	0.000952J	0.000854J				
Vanadium	7440-62-2	mg/L	10/17/2016	0.000565J		<0.005	<0.005	<0.005	0.000368J	<0.005	0.000281J	0.00201J	0.0015J	0.000944J	<0.005	<0.005	0.000712J	0.000325J	0.00235J	0.000753J	0.000363J	0.000559J	0.000504J	0.000437J	0.00027AJ				
Vanadium	7440-62-2	mg/L	4/17/2017	<0.005		0.000885J	<0.005	<0.005	<0.005	<0.005	0.00112J	0.00154J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00152J	0.00721	<0.005	<0.005	<0.005	0.00104J	0.000857J	<0.005				
Vanadium	7440-62-2	mg/L	10/11/2017	<0.005		<0.005	<0.005	0.000862J	<0.005	<0.005	0.00137J	0.00145J	0.00128J	<0.005	<0.005	<0.005	<0.005	0.0049J	<0.005	<0.005	0.000868J	<0.005	0.00111J	<0.005	<0.005				
Vanadium	7440-62-2	mg/L	4/20/2018											0.000991J					0.000608J	0.00151J									
Vanadium	7440-62-2	mg/L	4/23/2018	0.000768J								0.00179J	0.00244J		0.000607J	<0.005	0.000601J												
Vanadium	7440-62-2	mg/L	4/25/2018						<0.005		0.00142J																		
Vanadium	7440-62-2	mg/L	4/30/2018			0.000734J; 0.000786J	<0.005	0.000728J										0.000979J											
Vanadium	7440-62-2	mg/L	5/1/2018																		0.000719J	0.000699J							
Vanadium	7440-62-2	mg/L	5/2/2018																				0.0011J	0.000772J	0.000735J				
Vanadium	7440-62-2	mg/L	10/16/2018	0.00253J		0.00127J	0.000887J	0.00101J	0.00268J	0.00523	0.00554	0.00528	0.00231J	0.00298J	<0.005	<0.005	0.00225J	0.00115J	0.00412J	0.00671	0.00117J	0.000804J	0.00136J	0.00107J	0.00101J; 0.00112J				
Vanadium	7440-62-2	mg/L	4/16/2019	<0.005		<0.005	0.00101J	0.000959J	<0.005	<0.005	0.00168J	0.00209J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00537	<0.005	0.00176J	0.00105J	<0.005	0.00127J	0.00102J	0.000951J				
Vanadium	7440-62-2	mg/L	10/1/2019	<0.005	0.00159J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00125J	0.00151J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00189J	<0.005	0.0032J	0.00127J	0.00106J	0.0015J	0.00114J	<0.005				
Vanadium	7440-62-2	mg/L	3/30/2020	<0.005	0.00101J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00146J	0.00167J	0.00217J	0.00103J	<0.005	0.00114J	<0.005	0.004J	0.000821J	0.00297J	<0.005	<0.005	0.00112J	<0.005	<0.005				
Vanadium	7440-62-2	mg/L	6/24/2020		<0.005																								
Vanadium	7440-62-2	mg/L	10/7/2020	<0.005	<0.005	0.000889J; <0.005	<0.005	<0.005	<0.005	<0.005	0.00131J	0.00139J	0.00151J	0.000865J	<0.005	<0.005	0.0011J	0.00206J	<0.005	0.00297J	0.000877J	0.000867J	0.00119J	<0.005	<0.005				
Vanadium	7440-62-2	mg/L	1/21/2021		<0.02																								
Vanadium	7440-62-2	mg/L	4/13/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Vanadium	7440-62-2	mg/L	10/20/2021		<0.02		<0.02					<0.02					<0.02	<0.02			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Vanadium	7440-62-2	mg/L	5/2/2022				<0.02			<0.02	<0.02										<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Vanadium	7440-62-2	mg/L	10/14/2022				<0.02														<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0171J	<0.02
Vanadium	7440-62-2	mg/L	5/1/2023				<0.005			<0.005	0.00123J										0.00135J	<0.005	0.0011J	<0.005	<0.005	<0.005	<0.005	0.00333J	<0.005
Vanadium	7440-62-2	mg/L	10/16/2023				0.00226J														0.00257J	0.00442J; 0.00628	0.00325J	0.00332J	0.00356J	<0.005	<0.005	0.0042J	0.00285J
Vanadium	7440-62-2	mg/L	4/29/2024				<0.005			<0.005	0.00135J										<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00279J	<0.005
Vanadium	7440-62-2	mg/L	10/9/2024																								<0.00500		
Vanadium	7440-62-2	mg/L	10/10/2024																							<0.00500		0.00449J	
Vanadium	7440-62-2	mg/L	10/14/2024																		<0.00500	<0.00500							<0.00500
Vanadium	7440-62-2	mg/L	10/15/2024																				<0.00500		<0.00500				
Vanadium	7440-62-2	mg/L	4/23/2025	<0.00500										<0.00500					<0.00500										
Vanadium	7440-62-2	mg/L	4/24/2025													<0.00500													
Vanadium	7440-62-2	mg/L	4/30/2025																							<0.00500	<0.00500		
Vanadium	7440-62-2	mg/L	5/5/2025						<0.00500																			0.00239	
Vanadium	7440-62-2	mg/L	5/6/2025										<0.00500		<0.00500														
Vanadium	7440-62-2	mg/L	5/7/2025				<0.00500													0.00262	<0.00500	<0.00500	<0.00500						
Vanadium	7440-62-2	mg/L	5/8/2025			<0.00500		<0.00500																					<0.00500
Vanadium	7440-62-2	mg/L	5/9/2025							<0.00500	<0.00500													<0.00500	<0.00500				
Vanadium	7440-62-2	mg/L	10/21/2025																							<0.00500	<0.00500	0.00511	
Vanadium	7440-62-2	mg/L	10/23/2025					<0.00500													<0.00500	<0.00500	<0.00500	<0.00500	<0.00500				
Vanadium	7440-62-2	mg/L	10/24/2025																										<0.00500
Vanadium	7440-62-2	mg/L	5/4/2026														0.000862									0.000390	0.000548		
Vanadium	7440-62-2	mg/L	5/5/2026																									0.00280	
Vanadium	7440-62-2	mg/L	5/6/2026							0.000452	0.00159							0.00131			0.00108								
Vanadium	7440-62-2	mg/L	5/8/2026					0.000715														0.000495	0.000884	0.000607	0.000435				0.000231
Vinyl Acetate	108-05-4	ug/L	2/27/2008	<2		<2	<2	<2	<2	<2																			
Vinyl Acetate	108-05-4	ug/L	5/12/2008	<2		<2.5	<2.5	<2.5	<2	<2.5																			
Vinyl Acetate	108-05-4	ug/L	7/13/2008	<2		<2	<2	<2	<2	<2																			
Vinyl Acetate	108-05-4	ug/L	9/14/2008	<2		<2	<2	<2	<2	<2																			
Vinyl Acetate	108-05-4	ug/L	11/17/2008	<2		<2	<2	<2	<2	<2																			
Vinyl Acetate	108-05-4	ug/L	4/14/2009	<2		<2	<2	<2	<2	<2																			
Vinyl Acetate	108-05-4	ug/L	7/7/2009										<2	<2	<2	<2			<2	<2									
Vinyl Acetate	108-05-4	ug/L	9/2/2009										<2	<2	<2	<2			<2	<2									
Vinyl Acetate	108-05-4	ug/L	10/25/2009	<2		<2	<2	<2	<2	<2			<2	<2	<2	<2			<2	<2									
Vinyl Acetate	108-05-4	ug/L	1/2/2010										<2	<2	<2	<2			<2	<2									
Vinyl Acetate	108-05-4	ug/L	3/3/2010									<2	<2	<2	<2	<2	<2	<2	<2	<2									
Vinyl Acetate	108-05-4	ug/L	5/10/2010	<2		<2	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2									
Vinyl Acetate	108-05-4	ug/L	7/8/2010									<2																	
Vinyl Acetate	108-05-4	ug/L	9/13/2010									<2					<2	<2											
Vinyl Acetate	108-05-4	ug/L	11/1/2010	<2		<2		<2	<2	<5			<2	<2	<2	<2													
Vinyl Acetate	108-05-4	ug/L	1/10/2011									<2					<2	<2											
Vinyl Acetate	108-05-4	ug/L	4/4/2011									<2					<2	<2											
Vinyl Acetate	108-05-4	ug/L	8/11/2011																							<2			
Vinyl Acetate	108-05-4	ug/L	10/13/2011	<10		<2		<50	<2	<10		<2	<2	<2	<10	<2	<2	<50	<50							<2			
Vinyl Acetate	108-05-4	ug/L	12/5/2011				<2													<2						<20			
Vinyl Acetate	108-05-4	ug/L	4/11/2012	<2		<20	<20	<20	<20	<20		<20	<20	<20	<20	<2	<2	<20	<20	<2						<20	<20		
Vinyl Acetate	108-05-4	ug/L	6/25/2012					<2		<2																<2	<2		
Vinyl Acetate	108-05-4	ug/L	8/1/2012							<4	<20										<4	<4	<4	<4	<4	<4	<4		
Vinyl Acetate	108-05-4	ug/L	10/11/2012	<2		<10	<10	<10	<10		<10	<2		<10	<10	<2	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
Vinyl Acetate	108-05-4	ug/L	12/13/2012								<2										<2	<2	<2	<2	<2	<2	<2		
Vinyl Acetate	108-05-4	ug/L	2/4/2013								<2										<2	<2	<2	<2	<2	<2			
Vinyl Acetate	108-05-4	ug/L	3/30/2013	<2		<2	<2	<2	<2		<2	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		
Vinyl Acetate	108-05-4	ug/L	7/10/2013																		<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	10/7/2013	<2		<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	<2	<2	<2	<2		<2		
Vinyl Acetate	108-05-4	ug/L	6/2/2014	<2		<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	10/15/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	4/6/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	10/5/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	4/4/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	10/17/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	4/17/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	10/11/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	4/20/2018											<10					<10	<10									
Vinyl Acetate	108-05-4	ug/L	4/23/2018	<10								<10	<10		<10	<10	<10												
Vinyl Acetate	108-05-4	ug/L	4/25/2018						<10																				
Vinyl Acetate	108-05-4	ug/L	4/30/2018			<10	<10	<10										<10											
Vinyl Acetate	108-05-4	ug/L	5/1/2018								<10										<10	<10							
Vinyl Acetate	108-05-4	ug/L	5/2/2018																				<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	10/16/2018	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	4/16/2019	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	3/30/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	6/24/2020		<10																								
Vinyl Acetate	108-05-4	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
Vinyl Acetate	108-05-4	ug/L	1/21/2021		<5																								
Vinyl Acetate	108-05-4	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
Vinyl Acetate	108-05-4	ug/L	10/20/2021		<5			<5	<5			<5	<5				<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Acetate	108-05-4	ug/L	5/2/2022		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Acetate	108-05-4	ug/L	10/14/2022		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Acetate	108-05-4	ug/L	5/1/2023	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/16/2023		<10			<10	<10			<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/29/2024		<10			<10	<10	<10	<10	<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
Vinyl Chloride	75-01-4	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
Vinyl Chloride	75-01-4	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
Vinyl Chloride	75-01-4	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
Vinyl Chloride	75-01-4	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
Vinyl Chloride	75-01-4	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
Vinyl Chloride	75-01-4	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
Vinyl Chloride	75-01-4	ug/L	7/7/2009							<1			<1	<1	<1	<1			<1	<1									
Vinyl Chloride	75-01-4	ug/L	9/2/2009							<1			<1	<1	<1	<1			<1	<1									
Vinyl Chloride	75-01-4	ug/L	10/25/2009	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
Vinyl Chloride	75-01-4	ug/L	1/2/2010							<1			<1	<1	<1	<1			<1	<1									
Vinyl Chloride	75-01-4	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
Vinyl Chloride	75-01-4	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
Vinyl Chloride	75-01-4	ug/L	7/8/2010							<1		<1					<1	<1											
Vinyl Chloride	75-01-4	ug/L	9/13/2010							<1		<1					<1	<1											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Vinyl Chloride	75-01-4	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
Vinyl Chloride	75-01-4	ug/L	1/10/2011							<1		<1					<1	<1											
Vinyl Chloride	75-01-4	ug/L	4/4/2011							<1		<1					<1	<1											
Vinyl Chloride	75-01-4	ug/L	8/11/2011																							<1			
Vinyl Chloride	75-01-4	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
Vinyl Chloride	75-01-4	ug/L	12/5/2011				<1													<1						<1			
Vinyl Chloride	75-01-4	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
Vinyl Chloride	75-01-4	ug/L	6/25/2012				<1			<1																<1	<1		
Vinyl Chloride	75-01-4	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
Vinyl Chloride	75-01-4	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Vinyl Chloride	75-01-4	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
Vinyl Chloride	75-01-4	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Vinyl Chloride	75-01-4	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
Vinyl Chloride	75-01-4	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	4/20/2018																<1	<1									
Vinyl Chloride	75-01-4	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
Vinyl Chloride	75-01-4	ug/L	4/24/2018																								<1		
Vinyl Chloride	75-01-4	ug/L	4/25/2018						<1																				
Vinyl Chloride	75-01-4	ug/L	4/30/2018			<1	<1	<1										<1											
Vinyl Chloride	75-01-4	ug/L	5/1/2018								<1										<1	<1							
Vinyl Chloride	75-01-4	ug/L	5/2/2018																				<1	<1	<1				
Vinyl Chloride	75-01-4	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	3/30/2020	<1	0.255J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	6/24/2020		0.313J																								
Vinyl Chloride	75-01-4	ug/L	10/7/2020	<1	0.481J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Vinyl Chloride	75-01-4	ug/L	1/21/2021		<1																								
Vinyl Chloride	75-01-4	ug/L	4/13/2021	<1	0.5J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1		
Vinyl Chloride	75-01-4	ug/L	10/20/2021		<1		<1	<1	<1		<1	<1					<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	5/2/2022		<1		<1	<1	<1	<1	<1	<1									<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/14/2022		<1		<1	<1				<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/16/2023		<1		<1	<1				<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/29/2024		<1		<1	<1	<1	<1	<1	<1									<1	<1	<1	<1	<1	<1	<1	<1	<1
Vinyl acetate	108-05-4	ug/L	10/9/2024		<10.0								<10.0														<10.0		
Vinyl acetate	108-05-4	ug/L	10/10/2024						<10.0			<10.0															<10.0		
Vinyl acetate	108-05-4	ug/L	10/14/2024																		<10.0	<10.0		<10.0					<10.0
Vinyl acetate	108-05-4	ug/L	10/15/2024																				<10.0		<10.0				
Vinyl acetate	108-05-4	ug/L	4/23/2025	<10.0										<10.0					<10.0										
Vinyl acetate	108-05-4	ug/L	4/24/2025													<10.0													
Vinyl acetate	108-05-4	ug/L	4/30/2025		<10.0							<10.0														<10.0	<10.0		
Vinyl acetate	108-05-4	ug/L	5/5/2025						<10.0																			<10.0	
Vinyl acetate	108-05-4	ug/L	5/6/2025										<10.0		<10.0														
Vinyl acetate	108-05-4	ug/L	5/7/2025				<10.0													<10.0	<10.0	<10.0	<10.0						
Vinyl acetate	108-05-4	ug/L	5/8/2025			<10.0		<10.0																					<10.0
Vinyl acetate	108-05-4	ug/L	5/9/2025							<10.0	<10.0													<10.0	<10.0				
Vinyl acetate	108-05-4	ug/L	10/21/2025						<10.0																	<10.0	<10.0	<10.0	
Vinyl acetate	108-05-4	ug/L	10/22/2025		<10.0							<10.0	<10.0																
Vinyl acetate	108-05-4	ug/L	10/23/2025					<10.0													<10.0	<10.0	<10.0	<10.0	<10.0				
Vinyl acetate	108-05-4	ug/L	10/24/2025																										<10.0
Vinyl acetate	108-05-4	ug/L	5/4/2026									<10.0					<10.0									<10.0	<10.0		
Vinyl acetate	108-05-4	ug/L	5/5/2026		<10.0				<10.0				<10.0															<10.0	
Vinyl acetate	108-05-4	ug/L	5/6/2026							<10.0	<10.0							<10.0			<10.0								
Vinyl acetate	108-05-4	ug/L	5/8/2026					<10.0														<10.0	<10.0	<10.0	<10.0				<10.0
Vinyl chloride	75-01-4	ug/L	10/9/2024		<1.00								<1.00														<1.00		
Vinyl chloride	75-01-4	ug/L	10/10/2024						<1.00			<1.00														<1.00	<1.00		
Vinyl chloride	75-01-4	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
Vinyl chloride	75-01-4	ug/L	10/15/2024																				<1.00		<1.00				
Vinyl chloride	75-01-4	ug/L	4/23/2025	<1.00										<1.00					<1.00										
Vinyl chloride	75-01-4	ug/L	4/24/2025													<1.00													
Vinyl chloride	75-01-4	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
Vinyl chloride	75-01-4	ug/L	5/5/2025						<1.00																			<1.00	
Vinyl chloride	75-01-4	ug/L	5/6/2025										<1.00		<1.00														
Vinyl chloride	75-01-4	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
Vinyl chloride	75-01-4	ug/L	5/8/2025			<1.00		<1.00																					<1.00
Vinyl chloride	75-01-4	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
Vinyl chloride	75-01-4	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
Vinyl chloride	75-01-4	ug/L	10/22/2025		<1.00							<1.00	<1.00																
Vinyl chloride	75-01-4	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
Vinyl chloride	75-01-4	ug/L	10/24/2025																										<1.00
Vinyl chloride	75-01-4	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
Vinyl chloride	75-01-4	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
Vinyl chloride	75-01-4	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
Vinyl chloride	75-01-4	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
Xylenes, Total	1330-20-7	ug/L	2/27/2008	<3		<3	<3	<3	<3	<3																			
Xylenes, Total	1330-20-7	ug/L	5/12/2008	<3		<3	<3	<3	<3	<3																			
Xylenes, Total	1330-20-7	ug/L	7/13/2008	<3		<3	<3	<3	<3	<3																			
Xylenes, Total	1330-20-7	ug/L	9/14/2008	<3		<3	<3	<3	<3	<3																			
Xylenes, Total	1330-20-7	ug/L	11/17/2008	<3		<3	<3	<3	<3	<3																			
Xylenes, Total	1330-20-7	ug/L	4/14/2009	<3		<3	<3	<3	<3	<3																			
Xylenes, Total	1330-20-7	ug/L	7/7/2009										<3	<3	<3	5.98			<3	<3									
Xylenes, Total	1330-20-7	ug/L	9/2/2009										<3	<3	<3	<3			<3	<3									
Xylenes, Total	1330-20-7	ug/L	10/25/2009	<6		<3	<6	<6	<4	<3			<6	<6	<6	<4			<4	<4									
Xylenes, Total	1330-20-7	ug/L	1/2/2010										<6	<3	<6	<3			<6	<6									
Xylenes, Total	1330-20-7	ug/L	3/3/2010									<3	<3	<3	<3	<3	<3	<3	<3	<3									
Xylenes, Total	1330-20-7	ug/L	5/10/2010	<12		<12	<12	<12	<12	<12		<12	<12	<12	<12	<12	<12	<12	<12	<12									
Xylenes, Total	1330-20-7	ug/L	7/8/2010									<3					<3	<3											
Xylenes, Total	1330-20-7	ug/L	9/13/2010									<3					<3	<3											
Xylenes, Total	1330-20-7	ug/L	1/1/2010	<3		<3		<3	<3	<3			<3	<3	<3	<3													
Xylenes, Total	1330-20-7	ug/L	1/10/2011									<3					<3	<3											
Xylenes, Total	1330-20-7	ug/L	4/4/2011									<3					<3	<3											
Xylenes, Total	1330-20-7	ug/L	8/11/2011																							<3			
Xylenes, Total	1330-20-7	ug/L	10/13/2011	<3		<3		<3	<3	<3		<3	<3	<3	<3	<3	<3	<3	<3							<3			
Xylenes, Total	1330-20-7	ug/L	12/5/2011				<3													<3						<3			
Xylenes, Total	1330-20-7	ug/L	4/11/2012	<3		<3	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3						<3	<3		
Xylenes, Total	1330-20-7	ug/L	6/25/2012					<3		<3																<3	<3		
Xylenes, Total	1330-20-7	ug/L	8/1/2012							<3	<3										<3	<3	<3	<3	<3	<3	<3		
Xylenes, Total	1330-20-7	ug/L	10/11/2012	<3		<3	<3	<3	<3		<3	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3		
Xylenes, Total	1330-20-7	ug/L	12/13/2012								<3										<3	<3	<3	<3	<3		<3		
Xylenes, Total	1330-20-7	ug/L	2/4/2013								<3										<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	3/30/2013	<3		<3	<3	<3	<3		<3	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3		
Xylenes, Total	1330-20-7	ug/L	7/10/2013																		<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	10/7/2013	<3		<3			<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	<3	<3	<3	<3		<3		
Xylenes, Total	1330-20-7	ug/L	6/2/2014	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	0.172J	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	10/15/2014	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	4/6/2015	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	10/5/2015	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	0.195J	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	4/4/2016	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	10/17/2016	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	4/17/2017	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	10/11/2017	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	4/20/2018											<3					<3	<3									
Xylenes, Total	1330-20-7	ug/L	4/23/2018	<3								<3	<3		<3	<3	<3												
Xylenes, Total	1330-20-7	ug/L	4/25/2018						<3																				
Xylenes, Total	1330-20-7	ug/L	4/30/2018			<3	<3	<3										<3											
Xylenes, Total	1330-20-7	ug/L	5/1/2018								<3										<3	<3							
Xylenes, Total	1330-20-7	ug/L	5/2/2018																				<3	<3	<3				

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
Xylenes, Total	1330-20-7	ug/L	10/16/2018	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	4/16/2019	<3		<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	10/1/2019	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	3/30/2020	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	6/24/2020		<3																								
Xylenes, Total	1330-20-7	ug/L	10/7/2020	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	1/21/2021		<2																								
Xylenes, Total	1330-20-7	ug/L	4/13/2021	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Xylenes, Total	1330-20-7	ug/L	10/20/2021		<2			<2	<2			<2	<2				<2	<2			<2	<2	<2	<2	<2	<2	<2	<2	<2
Xylenes, Total	1330-20-7	ug/L	5/2/2022		<2			<2	<2	<2	<2	<2	<2								<2	<2	<2	<2	<2	<2	<2	<2	<2
Xylenes, Total	1330-20-7	ug/L	10/14/2022		<2			<2	<2			<2	<2								<2	<2	<2	<2	<2	<2	<2	<2	<2
Xylenes, Total	1330-20-7	ug/L	5/1/2023	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3			<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	10/16/2023		<3								<3													<3			
Xylenes, Total	1330-20-7	ug/L	5/8/2024		<3.00																								
Xylenes, Total	1330-20-7	ug/L	10/9/2024		<3.00																								
Xylenes, Total	1330-20-7	ug/L	4/24/2025																										
Xylenes, Total	1330-20-7	ug/L	10/16/2024						<3.00			<3.00														<3.00			
Xylenes, Total	1330-20-7	ug/L	10/15/2024																		<3.00		<3.00		<3.00				<3.00
Xylenes, Total	1330-20-7	ug/L	4/23/2025	<3.00										<3.00					<3.00										
Xylenes, Total	1330-20-7	ug/L	4/24/2025													<3.00													
Xylenes, Total	1330-20-7	ug/L	4/30/2025		<3.00							<3.00														<3.00	<3.00		
Xylenes, Total	1330-20-7	ug/L	5/5/2025						<3.00																			<3.00	
Xylenes, Total	1330-20-7	ug/L	5/6/2025										<3.00		<3.00														
Xylenes, Total	1330-20-7	ug/L	5/7/2025				<3.00													<3.00	<3.00	<3.00	<3.00						
Xylenes, Total	1330-20-7	ug/L	5/8/2025			<3.00		<3.00																					<3.00
Xylenes, Total	1330-20-7	ug/L	5/9/2025							<3.00	<3.00													<3.00	<3.00				
Xylenes, Total	1330-20-7	ug/L	10/21/2025						<3.00																	<3.00	<3.00	<3.00	
Xylenes, Total	1330-20-7	ug/L	10/22/2025		<3.00							<3.00	<3.00																
Xylenes, Total	1330-20-7	ug/L	10/23/2025					<3.00													<3.00	<3.00	<3.00	<3.00	<3.00				
Xylenes, Total	1330-20-7	ug/L	10/24/2025																										<3.00
Xylenes, Total	1330-20-7	ug/L	5/4/2026									<3.00					<3.00									<3.00	<3.00		
Xylenes, Total	1330-20-7	ug/L	5/5/2026		<3.00				<3.00				<3.00															<3.00	
Xylenes, Total	1330-20-7	ug/L	5/6/2026							<3.00	<3.00							<3.00			<3.00								
Xylenes, Total	1330-20-7	ug/L	5/8/2026					<3.00														<3.00	<3.00	<3.00	<3.00				<3.00
Zinc	7440-66-6	mg/L	2/27/2008	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Zinc	7440-66-6	mg/L	5/12/2008	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Zinc	7440-66-6	mg/L	7/13/2008	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Zinc	7440-66-6	mg/L	9/14/2008	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Zinc	7440-66-6	mg/L	11/17/2008	0.022		0.0309	0.0204	<0.02	<0.02	0.0599																			
Zinc	7440-66-6	mg/L	4/14/2009	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1																			
Zinc	7440-66-6	mg/L	7/7/2009							<0.1			<0.1	<0.1	<0.1	<0.1			0.203; 0.518	<0.1									
Zinc	7440-66-6	mg/L	9/2/2009							<0.1			<0.1	<0.1	<0.1	<0.1			0.255	<0.1									
Zinc	7440-66-6	mg/L	10/25/2009	<0.1		<0.1	<0.1	<0.1	<0.1	<0.1			0.103	<0.1	<0.1	<0.1			<0.1	<0.1									
Zinc	7440-66-6	mg/L	1/2/2010							<0.1			0.446	<0.1	<0.1	<0.1			<0.1	<0.1									
Zinc	7440-66-6	mg/L	3/3/2010									1.38	0.19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1									
Zinc	7440-66-6	mg/L	5/10/2010	0.0363		0.0654	0.0257	0.0225	<0.02	<0.02		0.0457	0.0377	<0.02	0.028	<0.02	<0.02	0.0283	0.506	0.0256									
Zinc	7440-66-6	mg/L	7/8/2010							<0.1		<0.1	<0.1		<0.1		<0.1	<0.1	<0.1	<0.1									
Zinc	7440-66-6	mg/L	9/13/2010							<0.1		0.11	<0.1		<0.1		<0.1	0.13	<0.1	<0.1									
Zinc	7440-66-6	mg/L	11/1/2010									0.184	<0.1	<0.1	<0.1	<0.1													
Zinc	7440-66-6	mg/L	1/10/2011							0.0269		0.0507	0.0848		0.0684		0.0278	0.0584											
Zinc	7440-66-6	mg/L	4/4/2011									0.0703	0.133	<0.1	<0.1	<0.1	0.022	<0.02	0.188										
Zinc	7440-66-6	mg/L	7/8/2011							<0.1		<0.1					<0.1	<0.1											
Zinc	7440-66-6	mg/L	8/11/2011							<0.1		<0.1					<0.1	<0.1								<0.1			
Zinc	7440-66-6	mg/L	10/13/2011	<0.06		<0.02		<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	0.0244	<0.02	<0.02	<0.02	0.0326							<0.02			
Zinc	7440-66-6	mg/L	12/5/2011				<0.02			<0.02		<0.02					<0.02	<0.02		<0.02						<0.02			
Zinc	7440-66-6	mg/L	2/6/2012							<0.02																			
Zinc	7440-66-6	mg/L	4/11/2012	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02		0.0228	<0.02	<0.02	<0.02	0.0925	<0.02	<0.02	<0.02	0.0642						<0.02	0.022		
Zinc	7440-66-6	mg/L	6/25/2012				<0.02			<0.02																<0.02	<0.02		
Zinc	7440-66-6	mg/L	8/1/2012							<0.02	0.028										0.0794	<0.02	<0.02	0.0323	0.0395	<0.02	<0.02		
Zinc	7440-66-6	mg/L	10/11/2012	<0.02		<0.02	0.0286	<0.02	<0.02		<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.138	<0.02	0.0416	0.0319	0.0332	<0.02	<0.02		
Zinc	7440-66-6	mg/L	12/13/2012								0.0236										0.153	0.154	0.0526	0.0643	0.54		0.0209		
Zinc	7440-66-6	mg/L	2/4/2013								0.0403										0.175	0.0895	0.0489	0.0515	0.17				
Zinc	7440-66-6	mg/L	3/30/2013	0.0396		<0.02	0.0384	0.0252	<0.02		0.0315	0.0297		0.0616	0.0704	0.0327	0.0427	0.0391	0.0357	0.0333	0.148	<0.02	0.0297	0.0547	0.0928	0.0237	0.0259		
Zinc	7440-66-6	mg/L	7/10/2013																		0.212	0.0207	0.0516	<0.02	0.0457				
Zinc	7440-66-6	mg/L	10/7/2013	0.103		0.0924	0.109	0.122	0.0593	0.0921; 0.0447	0.18	0.0697	0.101	0.029	0.119	0.0744	0.222	0.11	0.0907; 0.1	0.1	0.158	0.285	0.0768; 0.0929	0.0827	0.0663	0.0674	0.061		
Zinc	7440-66-6	mg/L	2/2/2014	<0.06		<0.04	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.06	<0.02	<0.04	<0.02	<0.08	<0.06	<0.06	<0.02	<0.06	<0.02	<0.04	<0.04	<0.06				
Zinc	7440-66-6	mg/L	10/15/2014	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Zinc	7440-66-6	mg/L	4/6/2015	0.00991J		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00744J	<0.01	0.0343	<0.01	<0.01	<0.01	0.0234	<0.01	<0.01				
Zinc	7440-66-6	mg/L	10/5/2015	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0232	<0.01	0.343	<0.01; 0.00876J	<0.01	<0.01	<0.01				
Zinc	7440-66-6	mg/L	4/4/2016	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00824J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Zinc	7440-66-6	mg/L	10/17/2016	0.00757J		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.00572J	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Zinc	7440-66-6	mg/L	4/17/2017	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0413	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Zinc	7440-66-6	mg/L	10/11/2017	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0152J	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Zinc	7440-66-6	mg/L	4/20/2018											<0.02					<0.02	<0.02									
Zinc	7440-66-6	mg/L	4/23/2018	<0.02								<0.02	<0.02		<0.02	<0.02	<0.02												
Zinc	7440-66-6	mg/L	4/25/2018						<0.02		<0.02																		
Zinc	7440-66-6	mg/L	4/30/2018			<0.02	<0.02	<0.02										<0.02											
Zinc	7440-66-6	mg/L	5/1/2018																		<0.02	<0.02							
Zinc	7440-66-6	mg/L	5/2/2018																				<0.02	<0.02	<0.02				
Zinc	7440-66-6	mg/L	10/16/2018	0.00845J		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.00776J	<0.02	<0.02	<0.02	0.171	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Zinc	7440-66-6	mg/L	4/16/2019	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Zinc	7440-66-6	mg/L	10/1/2019	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0119J	<0.02	<0.02	<0.02	<0.02	<0.02				
Zinc	7440-66-6	mg/L	3/30/2020	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.317	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0253	<0.02	<0.02				
Zinc	7440-66-6	mg/L	6/24/2020		<0.02																								
Zinc	7440-66-6	mg/L	10/7/2020	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Zinc	7440-66-6	mg/L	1/21/2021		<0.02																								
Zinc	7440-66-6	mg/L	4/13/2021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Zinc	7440-66-6	mg/L	10/20/2021		<0.02			<0.02				<0.02					<0.02	<0.02			<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	5/2/2022					<0.02		<0.02	<0.02										<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/14/2022					<0.02													<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	5/1/2023					<0.02		<0.02	<0.02										<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/16/2023					<0.02													<0.02	0.008J; <0.02	0.0139J	<0.02	<0.02	<0.02	<0.02	<0.02	0.00924J
Zinc	7440-66-6	mg/L	4/29/2024					<0.02		<0.02	<0.02										<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/9/2024																								<0.0200		
Zinc	7440-66-6	mg/L	10/10/2024																							<0.0200		<0.0200	
Zinc	7440-66-6	mg/L	10/14/2024																		<0.0200	<0.0200		<0.0200					<0.0200
Zinc	7440-66-6	mg/L	10/15/2024																				<0.0200		<0.0200				
Zinc	7440-66-6	mg/L	4/23/2025	<0.0200										<0.0200					<0.0200										
Zinc	7440-66-6	mg/L	4/24/2025													<0.0200													
Zinc	7440-66-6	mg/L	4/30/2025																							<0.0200	<0.0200		
Zinc	7440-66-6	mg/L	5/5/2025						<0.0200																			<0.0200	
Zinc	7440-66-6	mg/L	5/6/2025										<0.0200		<0.0200														
Zinc	7440-66-6	mg/L	5/7/2025				<0.0200													<0.0200	<0.0200	<0.0200	<0.0200						
Zinc	7440-66-6	mg/L	5/8/2025			<0.0200		<0.0200																					<0.0200
Zinc	7440-66-6	mg/L	5/9/2025							<0.0200	<0.0200													<0.0200	<0.0200				
Zinc	7440-66-6	mg/L	10/21/2025																							<0.0200	0.0268	<0.0200	
Zinc	7440-66-6	mg/L	10/23/2025					<0.0200													<0.0200	<0.0200	0.0267	<0.0200	<0.0200				
Zinc	7440-66-6	mg/L	10/24/2025																										<0.0200
Zinc	7440-66-6	mg/L	5/4/2026														<0.0200									<0.0200	<0.0200		
Zinc	7440-66-6	mg/L	5/5/2026																									<0.0200	
Zinc	7440-66-6	mg/L	5/6/2026							<0.0200	<0.0200							<0.0200			<0.0200								
Zinc	7440-66-6	mg/L	5/8/2026					<0.0200														<0.0200	<0.0200	<0.0200	0.205				<0.0200
alpha-BHC	319-84-6	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
alpha-BHC	319-84-6	ug/L	4/24/2025													<0.0921													
alpha-BHC	319-84-6	ug/L	5/5/2025						<0.0895																				
alpha-BHC	319-84-6	ug/L	5/6/2025										<0.0907		<0.0902														
alpha-BHC	319-84-6	ug/L	5/7/2025				<0.0907													<0.0904									
alpha-BHC	319-84-6	ug/L	5/8/2025			<0.0882		<0.0904																					
alpha-BHC	319-84-6	ug/L	5/4/2026														<0.117												
alpha-BHC	319-84-6	ug/L	5/6/2026															<0.119											
beta-BHC	319-85-7	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
beta-BHC	319-85-7	ug/L	4/24/2025													<0.0921													
beta-BHC	319-85-7	ug/L	5/5/2025						<0.0895																				
beta-BHC	319-85-7	ug/L	5/6/2025										<0.0907		<0.0902														
beta-BHC	319-85-7	ug/L	5/7/2025				<0.0907													<0.0904									
beta-BHC	319-85-7	ug/L	5/8/2025			<0.0882		<0.0904																					
beta-BHC	319-85-7	ug/L	5/4/2026														<0.117												

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
beta-BHC	319-85-7	ug/L	5/6/2026															<0.119											
bis (2-chloroisopropyl) ether	108-60-1	ug/L	4/23/2025	<10.4										<10.4					<10.4										
bis (2-chloroisopropyl) ether	108-60-1	ug/L	4/24/2025													<10.4													
bis (2-chloroisopropyl) ether	108-60-1	ug/L	5/5/2025						<10.2																				
bis (2-chloroisopropyl) ether	108-60-1	ug/L	5/6/2025										<10.4		<10.6														
bis (2-chloroisopropyl) ether	108-60-1	ug/L	5/7/2025				<10.2													<10.6									
bis (2-chloroisopropyl) ether	108-60-1	ug/L	5/8/2025			<9.80		<10.6																					
bis (2-chloroisopropyl) ether	108-60-1	ug/L	5/4/2026														<10.9												
bis (2-chloroisopropyl) ether	108-60-1	ug/L	5/6/2026															<10.4											
cis-1,2-Dichloroethene	156-59-2	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
cis-1,2-Dichloroethene	156-59-2	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
cis-1,2-Dichloroethene	156-59-2	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
cis-1,2-Dichloroethene	156-59-2	ug/L	7/7/2009							<1			2.65	<1	<1	<1			<1	<1									
cis-1,2-Dichloroethene	156-59-2	ug/L	9/2/2009							<1			1.39	<1	<1	<1			<1	<1									
cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/2009	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
cis-1,2-Dichloroethene	156-59-2	ug/L	1/22/2010							<1			<1	<1	<1	<1			<1	<1									
cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2010									<1	1.04	<1	<1	<1	<1	<1	<1	<1									
cis-1,2-Dichloroethene	156-59-2	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
cis-1,2-Dichloroethene	156-59-2	ug/L	7/8/2010							<1		<1					<1	<1											
cis-1,2-Dichloroethene	156-59-2	ug/L	9/13/2010							<1		<1					<1	<1											
cis-1,2-Dichloroethene	156-59-2	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
cis-1,2-Dichloroethene	156-59-2	ug/L	1/10/2011							<1		<1					<1	<1											
cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2011							<1		<1					<1	<1											
cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2011																							<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
cis-1,2-Dichloroethene	156-59-2	ug/L	12/5/2011				<1			<1										<1						<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
cis-1,2-Dichloroethene	156-59-2	ug/L	6/25/2012					<1		<1																<1	<1		
cis-1,2-Dichloroethene	156-59-2	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
cis-1,2-Dichloroethene	156-59-2	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1	<1	<1		
cis-1,2-Dichloroethene	156-59-2	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
cis-1,2-Dichloroethene	156-59-2	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2013	<1		<1		<1	<1	<1	<1	<1	1.02	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1		<1		
cis-1,2-Dichloroethene	156-59-2	ug/L	6/2/2014	0.157J		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	0.3J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.132J	0.211J	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	0.591J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	0.173J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2018											<1					<1	<1									
cis-1,2-Dichloroethene	156-59-2	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
cis-1,2-Dichloroethene	156-59-2	ug/L	4/25/2018						<1																				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2018			<1	<1	<1										<1											
cis-1,2-Dichloroethene	156-59-2	ug/L	5/1/2018								<1										<1	<1							
cis-1,2-Dichloroethene	156-59-2	ug/L	5/2/2018																				<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2019	<1	9.09	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	<1	2.55	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	6/24/2020		2.19																								
cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2020	<1	2.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	1/21/2021		2.3																								
cis-1,2-Dichloroethene	156-59-2	ug/L	4/13/2021	<1	3.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.8J	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	10/20/2021		1.6			<1	<1		<1	<1	<1				<1	<1				<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	5/2/2022		2.1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2022		1.4			<1	<1			<1	0.6J								<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	5/1/2023	<1	1.42	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2023		1.4			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2024		1.48			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/9/2024		1.36								<1.00														<1.00		
cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	10/15/2024																				<1.00		<1.00				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/23/2025	<1.00										<1.00					<1.00										
cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2025													<1.00													
cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025		0.304							<1.00														<1.00	<1.00		
cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/2025						<1.00																		<1.00		
cis-1,2-Dichloroethene	156-59-2	ug/L	5/6/2025										<1.00		<1.00														
cis-1,2-Dichloroethene	156-59-2	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2025			<1.00		<1.00																					<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
cis-1,2-Dichloroethene	156-59-2	ug/L	10/22/2025		0.632							<1.00	<1.00																
cis-1,2-Dichloroethene	156-59-2	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
cis-1,2-Dichloroethene	156-59-2	ug/L	10/24/2025																										<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/2026		1.67				<1.00				<1.00															<1.00	
cis-1,2-Dichloroethene	156-59-2	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
cis-1,2-Dichloroethene	156-59-2	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	2/27/2008	<5		<5	<5	<5	<5	<5																			
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2008	<5		<5	<5	<5	<5	<5																			
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/13/2008	<5		<5	<5	<5	<5	<5																			
cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2008	<5		<5	<5	<5	<5	<5																			
cis-1,3-Dichloropropene	10061-01-5	ug/L	11/17/2008	<5		<5	<5	<5	<5	<5																			
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2009	<5		<5	<5	<5	<5	<5																			
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/7/2009										<5	<5	<5	<5			<5	<5									
cis-1,3-Dichloropropene	10061-01-5	ug/L	9/2/2009										<5	<5	<5	<5			<5	<5									
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/25/2009	<5		<5	<5	<5	<5	<5			<5	<5	<5	<5			<5	<5									
cis-1,3-Dichloropropene	10061-01-5	ug/L	1/22/2010										<5	<5	<5	<5			<5	<5									
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2010									<5	<5	<5	<5	<5	<5	<5	<5	<5									
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/10/2010	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5									
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/8/2010									<5					<5	<5											
cis-1,3-Dichloropropene	10061-01-5	ug/L	9/13/2010									<10					<10	<10											
cis-1,3-Dichloropropene	10061-01-5	ug/L	11/1/2010	<5		<5		<5	<5	<5			<5	<5	<5	<5													
cis-1,3-Dichloropropene	10061-01-5	ug/L	1/10/2011									<5					<5	<5											
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/4/2011									<5					<5	<5											
cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2011																							<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/13/2011	<5		<5		<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5							<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	12/5/2011				<5			<5										<5						<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5						<5	<5		
cis-1,3-Dichloropropene	10061-01-5	ug/L	6/25/2012					<5		<5																<5	<5		
cis-1,3-Dichloropropene	10061-01-5	ug/L	8/1/2012							<5	<5										<5	<5	<5	<5	<5	<5	<5		
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2012	<5		<5	<5	<5	<5		<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
cis-1,3-Dichloropropene	10061-01-5	ug/L	12/13/2012								<5										<5	<5	<5	<5	<5	<5	<5		
cis-1,3-Dichloropropene	10061-01-5	ug/L	2/4/2013								<5										<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2013	<5		<5	<5	<5	<5		<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/10/2013																		<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2013	<5		<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5		<5		
cis-1,3-Dichloropropene	10061-01-5	ug/L	6/2/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/15/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/6/2015	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/5/2015	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/4/2016	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2016	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/17/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2018											<5					<5	<5									
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/23/2018	<5								<5	<5		<5	<5	<5												
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/25/2018						<5																				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2018			<5	<5	<5										<5											

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/1/2018								<5										<5	<5							
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/2/2018																				<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2018	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2019	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	6/24/2020		<5																								
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	1/21/2021		<1																								
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/1/2023	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2023		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2024		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/9/2024		<5.00								<5.00														<5.00		
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024						<5.00			<5.00													<5.00		<5.00	
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2024																		<5.00	<5.00		<5.00					<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/15/2024																				<5.00		<5.00				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/23/2025	<5.00										<5.00					<5.00										
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2025													<5.00													
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025		<5.00							<5.00														<5.00	<5.00		
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/5/2025						<5.00																			<5.00	
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/6/2025										<5.00		<5.00														
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/7/2025				<5.00													<5.00	<5.00	<5.00	<5.00						
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2025			<5.00		<5.00																					<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/9/2025							<5.00	<5.00													<5.00	<5.00				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2025						<5.00																	<5.00	<5.00	<5.00	
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/22/2025		<5.00							<5.00	<5.00																
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/23/2025					<5.00													<5.00	<5.00	<5.00	<5.00	<5.00				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/24/2025																										<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/4/2026									<5.00					<5.00									<5.00	<5.00		
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/5/2026		<5.00				<5.00				<5.00															<5.00	
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/6/2026							<5.00	<5.00							<5.00			<5.00								
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/8/2026					<5.00														<5.00	<5.00	<5.00	<5.00				<5.00
delta-BHC	319-86-8	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
delta-BHC	319-86-8	ug/L	4/24/2025													<0.0921													
delta-BHC	319-86-8	ug/L	5/5/2025						<0.0895																				
delta-BHC	319-86-8	ug/L	5/6/2025										<0.0907		<0.0902														
delta-BHC	319-86-8	ug/L	5/7/2025				<0.0907													<0.0904									
delta-BHC	319-86-8	ug/L	5/8/2025			<0.0882		<0.0904																					
delta-BHC	319-86-8	ug/L	5/4/2026														<0.117												
delta-BHC	319-86-8	ug/L	5/6/2026															<0.119											
gamma-BHC (Lindane)	58-89-9	ug/L	4/23/2025	<0.0909										<0.0895					<0.0904										
gamma-BHC (Lindane)	58-89-9	ug/L	4/24/2025													<0.0921													
gamma-BHC (Lindane)	58-89-9	ug/L	5/5/2025						<0.0895																				
gamma-BHC (Lindane)	58-89-9	ug/L	5/6/2025										<0.0907		<0.0902														
gamma-BHC (Lindane)	58-89-9	ug/L	5/7/2025				<0.0907													<0.0904									
gamma-BHC (Lindane)	58-89-9	ug/L	5/8/2025			<0.0882		<0.0904																					
gamma-BHC (Lindane)	58-89-9	ug/L	5/4/2026														<0.117												
gamma-BHC (Lindane)	58-89-9	ug/L	5/6/2026															<0.119											
m/p-Cresol	T-34MP	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
m/p-Cresol	T-34MP	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
m/p-Cresol	T-34MP	ug/L	4/4/2011									<10					<10	<10											
m/p-Cresol	T-34MP	ug/L	3/30/2013																								<10	<10	
m/p-Cresol	T-34MP	ug/L	7/10/2013																		<10.2	<10.1	<10.1	2250	<10.3				
m/p-Cresol	T-34MP	ug/L	10/7/2013							<10.2	<10.1													<10.1					
m/p-Cresol	T-34MP	ug/L	6/2/2014																					<10.1					
m/p-Cresol	T-34MP	ug/L	10/15/2014																					<10					
m/p-Cresol	T-34MP	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
m/p-Cresol	T-34MP	ug/L	4/4/2016									<10					<10	<10											
m/p-Cresol	T-34MP	ug/L	5/1/2018																		<10.4	<10.3							
m/p-Cresol	T-34MP	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
m/p-Cresol	T-34MP	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
m/p-Cresol	T-34MP	ug/L	6/24/2020		<10.4																								
m/p-Cresol	T-34MP	ug/L	10/20/2021		<8							<8					<8	<8											
m/p-Cresol	T-34MP	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	4/23/2025	<10.4										<10.4					<10.4										
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	4/24/2025													<10.4													
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	5/5/2025						<10.2																				
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	5/6/2025										<10.4		<10.6														
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	5/7/2025				<10.2													<10.6									
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	5/8/2025			<9.80		<10.6																					
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	5/4/2026														<10.9												
o,o',o''-Triethylphosphorothioate	126-68-1	ug/L	5/6/2026															<10.4											
o-Toluidine	95-53-4	ug/L	4/23/2025	<10.4										<10.4					<10.4										
o-Toluidine	95-53-4	ug/L	4/24/2025													<10.4													
o-Toluidine	95-53-4	ug/L	5/5/2025						<10.2																				
o-Toluidine	95-53-4	ug/L	5/6/2025										<10.4		<10.6														
o-Toluidine	95-53-4	ug/L	5/7/2025				<10.2													<10.6									
o-Toluidine	95-53-4	ug/L	5/8/2025			<9.80		<10.6																					
o-Toluidine	95-53-4	ug/L	5/4/2026														<10.9												
o-Toluidine	95-53-4	ug/L	5/6/2026															<10.4											
p-Chloroaniline	106-47-8	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
p-Chloroaniline	106-47-8	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
p-Chloroaniline	106-47-8	ug/L	4/4/2011									<10					<10	<10											
p-Chloroaniline	106-47-8	ug/L	3/30/2013																								<10	<10	
p-Chloroaniline	106-47-8	ug/L	7/10/2013																		<10.2	<10.1	<10.1	<106	<10.3				
p-Chloroaniline	106-47-8	ug/L	6/2/2014																					<10.1					
p-Chloroaniline	106-47-8	ug/L	10/15/2014																					<10					
p-Chloroaniline	106-47-8	ug/L	10/5/2015	<10.4		<10	<10.5	<10.5	<10.1				<10.8	<10.6	<10.5	<10.3			<11.1	<10.1									
p-Chloroaniline	106-47-8	ug/L	4/4/2016									<10					<10	<10											
p-Chloroaniline	106-47-8	ug/L	5/1/2018																		<10.4	<10.3							
p-Chloroaniline	106-47-8	ug/L	5/2/2018																				<10.4	<10.5	<10.4				
p-Chloroaniline	106-47-8	ug/L	3/30/2020	<10.4		<10.8	<10.3	<10.5	<10.3				<10.4	<10.4	<10.5	<10.1			<10.4	<10.4									
p-Chloroaniline	106-47-8	ug/L	6/24/2020		<10.4																								
p-Chloroaniline	106-47-8	ug/L	10/20/2021		<8							<8					<8	3J											
p-Chloroaniline	106-47-8	ug/L	5/1/2023																		<10.6	<10	<9.8	<10.6	<10				
p-Dimethylamino azobenzene	60-11-7	ug/L	4/23/2025	<10.4										<10.4					<10.4										
p-Dimethylamino azobenzene	60-11-7	ug/L	4/24/2025													<10.4													
p-Dimethylamino azobenzene	60-11-7	ug/L	5/5/2025						<10.2																				
p-Dimethylamino azobenzene	60-11-7	ug/L	5/6/2025										<10.4		<10.6														
p-Dimethylamino azobenzene	60-11-7	ug/L	5/7/2025				<10.2													<10.6									
p-Dimethylamino azobenzene	60-11-7	ug/L	5/8/2025			<9.80		<10.6																					
p-Dimethylamino azobenzene	60-11-7	ug/L	5/4/2026														<10.9												
p-Dimethylamino azobenzene	60-11-7	ug/L	5/6/2026															<10.4											
trans-1,2-Dichloroethene	156-60-5	ug/L	2/27/2008	<1		<1	<1	<1	<1	<1																			
trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2008	<1		<1	<1	<1	<1	<1																			
trans-1,2-Dichloroethene	156-60-5	ug/L	7/13/2008	<1		<1	<1	<1	<1	<1																			
trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2008	<1		<1	<1	<1	<1	<1																			
trans-1,2-Dichloroethene	156-60-5	ug/L	11/17/2008	<1		<1	<1	<1	<1	<1																			
trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2009	<1		<1	<1	<1	<1	<1																			
trans-1,2-Dichloroethene	156-60-5	ug/L	7/7/2009										<1	<1	<1	<1			<1	<1									
trans-1,2-Dichloroethene	156-60-5	ug/L	9/2/2009										<1	<1	<1	<1			<1	<1									
trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/2009	<1		<1	<1	<1	<1	<1			<1	<1	<1	<1			<1	<1									
trans-1,2-Dichloroethene	156-60-5	ug/L	1/2/2010										<1	<1	<1	<1			<1	<1									
trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2010									<1	<1	<1	<1	<1	<1	<1	<1	<1									
trans-1,2-Dichloroethene	156-60-5	ug/L	5/10/2010	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1									
trans-1,2-Dichloroethene	156-60-5	ug/L	7/8/2010							<1		<1					<1	<1											
trans-1,2-Dichloroethene	156-60-5	ug/L	9/13/2010							<1		<1					<1	<1											
trans-1,2-Dichloroethene	156-60-5	ug/L	11/1/2010	<1		<1		<1	<1	<1			<1	<1	<1	<1													
trans-1,2-Dichloroethene	156-60-5	ug/L	1/10/2011							<1		<1					<1	<1											
trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2011							<1		<1					<1	<1											
trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2011																							<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	10/13/2011	<1		<1		<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1							<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	12/5/2011				<1													<1						<1			

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	<1		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1						<1	<1		
trans-1,2-Dichloroethene	156-60-5	ug/L	6/25/2012					<1		<1																<1	<1		
trans-1,2-Dichloroethene	156-60-5	ug/L	8/1/2012							<1	<1										<1	<1	<1	<1	<1	<1	<1		
trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2012	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
trans-1,2-Dichloroethene	156-60-5	ug/L	12/13/2012								<1										<1	<1	<1	<1	<1		<1		
trans-1,2-Dichloroethene	156-60-5	ug/L	2/4/2013								<1										<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2013	<1		<1	<1	<1	<1		<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
trans-1,2-Dichloroethene	156-60-5	ug/L	7/10/2013																		<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2013	<1		<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1		<1		
trans-1,2-Dichloroethene	156-60-5	ug/L	6/2/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/15/2014	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/6/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/5/2015	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2016	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/17/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2017	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2018											<1					<1	<1									
trans-1,2-Dichloroethene	156-60-5	ug/L	4/23/2018	<1								<1	<1		<1	<1	<1												
trans-1,2-Dichloroethene	156-60-5	ug/L	4/25/2018						<1																				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2018			<1	<1	<1										<1											
trans-1,2-Dichloroethene	156-60-5	ug/L	5/1/2018								<1										<1	<1							
trans-1,2-Dichloroethene	156-60-5	ug/L	5/2/2018																				<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2018	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2019	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2019	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	6/24/2020		<1																								
trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2020	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	1/21/2021		<1																								
trans-1,2-Dichloroethene	156-60-5	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	5/1/2023	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2023		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2024		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/9/2024		<1.00								<1.00														<1.00		
trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024						<1.00			<1.00														<1.00		<1.00	
trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2024																		<1.00	<1.00		<1.00					<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	10/15/2024																				<1.00		<1.00				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/23/2025	<1.00										<1.00					<1.00										
trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2025													<1.00													
trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025		<1.00							<1.00														<1.00	<1.00		
trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/2025						<1.00																			<1.00	
trans-1,2-Dichloroethene	156-60-5	ug/L	5/6/2025										<1.00		<1.00														
trans-1,2-Dichloroethene	156-60-5	ug/L	5/7/2025				<1.00													<1.00	<1.00	<1.00	<1.00						
trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2025			<1.00		<1.00																					<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	5/9/2025							<1.00	<1.00													<1.00	<1.00				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2025						<1.00																	<1.00	<1.00	<1.00	
trans-1,2-Dichloroethene	156-60-5	ug/L	10/22/2025		<1.00							<1.00	<1.00																
trans-1,2-Dichloroethene	156-60-5	ug/L	10/23/2025					<1.00													<1.00	<1.00	<1.00	<1.00	<1.00				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/24/2025																										<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	5/4/2026									<1.00					<1.00									<1.00	<1.00		
trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/2026		<1.00				<1.00				<1.00															<1.00	
trans-1,2-Dichloroethene	156-60-5	ug/L	5/6/2026							<1.00	<1.00							<1.00			<1.00								
trans-1,2-Dichloroethene	156-60-5	ug/L	5/8/2026					<1.00														<1.00	<1.00	<1.00	<1.00				<1.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	2/27/2008	<5		<5	<5	<5	<5	<5																			
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2008	<5		<5	<5	<5	<5	<5																			
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/13/2008	<5		<5	<5	<5	<5	<5																			
trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2008	<5		<5	<5	<5	<5	<5																			
trans-1,3-Dichloropropene	10061-02-6	ug/L	11/17/2008	<5		<5	<5	<5	<5	<5																			
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2009	<5		<5	<5	<5	<5	<5																			
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/7/2009										<5	<5	<5	<5			<5	<5									
trans-1,3-Dichloropropene	10061-02-6	ug/L	9/2/2009										<5	<5	<5	<5			<5	<5									
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/25/2009	<5		<10	<5	<5	<5	<10			<5	<5	<5	<5			<5	<5									
trans-1,3-Dichloropropene	10061-02-6	ug/L	1/2/2010										<5	<10	<5	<10			<5	<5									
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2010									<5	<5	<5	<5	<5	<5	<5											
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/10/2010	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5									
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/8/2010									<5					<5	<5											
trans-1,3-Dichloropropene	10061-02-6	ug/L	9/13/2010									<10					<10	<10											
trans-1,3-Dichloropropene	10061-02-6	ug/L	11/1/2010	<10		<5		<10	<10	<5			<10	<10	<10	<10													
trans-1,3-Dichloropropene	10061-02-6	ug/L	1/10/2011									<5					<5	<5											
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/4/2011									<5					<5	<5											
trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2011																							<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/13/2011	<5		<5		<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5							<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	12/5/2011				<5													<5						<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	<5		<5	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5						<5	<5		
trans-1,3-Dichloropropene	10061-02-6	ug/L	6/25/2012				<5			<5																<5	<5		
trans-1,3-Dichloropropene	10061-02-6	ug/L	8/1/2012							<5	<5										<5	<5	<5	<5	<5	<5	<5		
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2012	<5		<5	<5	<5	<5		<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
trans-1,3-Dichloropropene	10061-02-6	ug/L	12/13/2012								<5										<5	<5	<5	<5	<5		<5		
trans-1,3-Dichloropropene	10061-02-6	ug/L	2/4/2013								<5										<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2013	<5		<5	<5	<5	<5		<5	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5		
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/10/2013																		<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2013	<5		<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5	<5		<5		
trans-1,3-Dichloropropene	10061-02-6	ug/L	6/2/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/15/2014	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/6/2015	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/5/2015	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/4/2016	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2016	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/17/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2017	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2018											<5					<5	<5									
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/23/2018	<5								<5	<5		<5	<5	<5												
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/25/2018						<5																				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2018			<5	<5	<5										<5											
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/1/2018								<5										<5	<5							
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/2/2018																				<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2018	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2019	<5		<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2019	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	6/24/2020		<5																								
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2020	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	1/21/2021		<1																								
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/13/2021	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/20/2021		<1			<1	<1			<1	<1				<1	<1			<1	<1	<1	0.6J	0.5J	<1	<1	<1	0.5J
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/2/2022		<1			<1	<1	<1	<1	<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2022		<1			<1	<1			<1	<1								<1	<1	<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/1/2023	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2023		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2024		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/9/2024		<5.00								<5.00														<5.00		
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024						<5.00			<5.00														<5.00		<5.00	
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2024																		<5.00	<5.00		<5.00					<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/15/2024																				<5.00		<5.00				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/23/2025	<5.00										<5.00					<5.00										
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2025													<5.00													
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025		<5.00							<5.00														<5.00	<5.00		
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/5/2025						<5.00																			<5.00	
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/6/2025										<5.00		<5.00														
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/7/2025				<5.00													<5.00	<5.00	<5.00	<5.00						
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2025			<5.00		<5.00																					<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/9/2025							<5.00	<5.00													<5.00	<5.00				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2025						<5.00																	<5.00	<5.00	<5.00	

Table 9A
Analytical Data Summary - Series A HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-17A-00	MW-18AR	MW-23A	MW-24A	MW-25A-00	MW-29A	MW-34A	MW-38A	MW-200A	MW-201A	MW-202A	MW-203A	MW-204A	MW-205A	MW-213A	MW-214A	MW-215A	MW-216A	MW-217A	MW-218A	MW-219A	MW-220A	MW-310A	MW-312A	MW-408	MW-410
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/22/2025		<5.00							<5.00	<5.00																
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/23/2025					<5.00													<5.00	<5.00	<5.00	<5.00	<5.00				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/24/2025																										<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/4/2026									<5.00					<5.00									<5.00	<5.00		
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/5/2026		<5.00				<5.00				<5.00															<5.00	
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/6/2026							<5.00	<5.00							<5.00			<5.00								
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/8/2026					<5.00														<5.00	<5.00	<5.00	<5.00				<5.00
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/27/2008	<10		<10	<10	<10	<10	<10																			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2008	<10		<10	<10	<10	<10	<10																			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/13/2008	<10		<10	<10	<10	<10	<10																			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/14/2008	<10		<10	<10	<10	<10	<10																			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/17/2008	<10		<10	<10	<10	<10	<10																			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/14/2009	<10		<10	<10	<10	<10	<10																			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/7/2009										<10	<10	<10	<10			<10	<10									
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/2/2009										<10	<10	<10	<10			<10	<10									
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/25/2009	<10		<10	<10	<10	<10	<10			<10	<10	<10	<10			<10	<10									
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/2/2010										<10	<10	<10	<10			<10	<10									
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/3/2010									<10	<10	<10	<10	<10	<10	<10	<10	<10									
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/10/2010	<10		<10	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10									
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/8/2010									<10					<10	<10											
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/13/2010									<10					<10	<10											
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/1/2010	<10		<10		<10	<10	<10			<10	<10	<10	<10													
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/10/2011									<10					<10	<10											
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/4/2011									<10					<10	<10											
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/11/2011																							<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/13/2011	<10		<10		<10	<10	<10		<10	<10	<10	<10	<10	<10	<10	<10							<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/5/2011				<10													<10						<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/11/2012	<10		<20	<20	<10	<20	<20		<20	<10	<20	<20	<10	<10	<10	<20	<10						<20	<10		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/25/2012					<10		<10																<10	<10		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/1/2012							<10	<10										<10	<10	<10	<10	<10	<10	<10		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/11/2012	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/13/2012								<10										<10	<10	<10	<10	<10	<10	<10		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/4/2013								<10										<10	<10	<10	<10	<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2013	<10		<10	<10	<10	<10		<10	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/10/2013																		<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2013	<10		<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	<10	<10	<10	<10		<10		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/2/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/15/2014	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/6/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/5/2015	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/4/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/17/2016	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/17/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/11/2017	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2018											<10					<10	<10									
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/23/2018	<10								<10	<10		<10	<10	<10												
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/25/2018					<10																					
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/30/2018			<10	<10	<10										<10											
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/1/2018							<10											<10	<10							
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/2/2018																				<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/16/2018	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/16/2019	<10		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/1/2019	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/24/2020		<10																								
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2020	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/21/2021		<5																								
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/13/2021	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/20/2021		<5			<5	<5			<5	<5				<5	<5			<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/2/2022		<5			<5	<5	<5	<5	<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2022		<5			<5	<5			<5	<5								<5	<5	<5	<5	<5	<5	<5	<5	<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/1/2023	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/16/2023		<10			<10	<10	<10	<10	<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2024		<10			<10	<10	<10	<10	<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/9/2024		<10.0								<10.0														<10.0		
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/10/2024						<10.0			<10.0													<10.0		<10.0	
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/14/2024																		<10.0	<10.0		<10.0					<10.0
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/15/2024																				<10.0		<10.0				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/16/2023		<10			<10	<10			<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2024		<10			<10	<10	<10		<10	<10								<10	<10	<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/9/2024		<10.0								<10.0														<10.0		
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/10/2024						<10.0			

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/7/2009										<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/2/2009										<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/25/2009	<2	<2	<2	<2		<2	<5	<2		<2	<2	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	1/2/2010										<4	<4	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2010										<2	<2	<2
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/10/2010	<4	<4	<4	<4		<4	<4	<4			<4	<4
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/8/2010												<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/13/2010												<5
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/4/2011												<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/5/2011								<2				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/25/2012								<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/1/2012								<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/13/2012								<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/4/2013								<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/20/2018								<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/24/2018						<1	<1			<1		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/20/2021	<1				<1			<1				<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/14/2022	<1				<1			<1				<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2023	<1				<1			<1				<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2024	<1				<1			<1	<1			<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/9/2024					<1.00							
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/10/2024	<1.00											<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2024								<1.00				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/23/2025							<1.00					
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/28/2025												<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025									<1.00			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/5/2025											<1.00	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/7/2025								<1.00				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/20/2025	<1.00											
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/21/2025					<1.00							
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/23/2025								<1.00				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/4/2026	<1.00				<1.00				<1.00			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/6/2026								<1.00				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/12/2026												<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,1,1-Trichloroethane	71-55-6	ug/L	7/7/2009										<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	9/2/2009										<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	10/25/2009	<1	<1	<1	<1		<1	<1	<1		<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	1/2/2010										<4	<4	
1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2010										<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	5/10/2010	<1	<4	<4	<4		<4	<4	<4			<4	<4
1,1,1-Trichloroethane	71-55-6	ug/L	7/8/2010												<1
1,1,1-Trichloroethane	71-55-6	ug/L	9/13/2010												<1
1,1,1-Trichloroethane	71-55-6	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	4/4/2011												<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	12/5/2011								<1				
1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	6/25/2012								<1				
1,1,1-Trichloroethane	71-55-6	ug/L	8/1/2012								<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	12/13/2012								<1	<1			

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,1,1-Trichloroethane	71-55-6	ug/L	2/4/2013								<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
1,1,1-Trichloroethane	71-55-6	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/20/2018								<1				
1,1,1-Trichloroethane	71-55-6	ug/L	4/24/2018						<1	<1			<1		
1,1,1-Trichloroethane	71-55-6	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/20/2021	<1				<1			<1				<1
1,1,1-Trichloroethane	71-55-6	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/14/2022	<1				<1			<1				<1
1,1,1-Trichloroethane	71-55-6	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2023	<1				<1			<1				<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2024	<1				<1			<1	<1			<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/9/2024					<1.00							
1,1,1-Trichloroethane	71-55-6	ug/L	10/10/2024	<1.00											<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2024								<1.00				
1,1,1-Trichloroethane	71-55-6	ug/L	4/23/2025							<1.00					
1,1,1-Trichloroethane	71-55-6	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,1,1-Trichloroethane	71-55-6	ug/L	4/28/2025												<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025									<1.00			
1,1,1-Trichloroethane	71-55-6	ug/L	5/5/2025											<1.00	
1,1,1-Trichloroethane	71-55-6	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,1,1-Trichloroethane	71-55-6	ug/L	5/7/2025								<1.00				
1,1,1-Trichloroethane	71-55-6	ug/L	10/20/2025	<1.00											
1,1,1-Trichloroethane	71-55-6	ug/L	10/21/2025					<1.00							
1,1,1-Trichloroethane	71-55-6	ug/L	10/23/2025								<1.00				
1,1,1-Trichloroethane	71-55-6	ug/L	5/4/2026	<1.00				<1.00				<1.00			
1,1,1-Trichloroethane	71-55-6	ug/L	5/6/2026								<1.00				
1,1,1-Trichloroethane	71-55-6	ug/L	5/12/2026												<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/7/2009										<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/2/2009										<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	1/2/2010										<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2010										<2	<2	<2
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/10/2010	<4	<1	<1	<1		<1	<1	<1			<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/8/2010												<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/13/2010												<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/4/2011												<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/5/2011								<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/25/2012								<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/1/2012								<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/13/2012								<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/4/2013								<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/20/2018								<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/24/2018						<1	<1			<1		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/20/2021	<1				<1			<1				<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/14/2022	<1				<1			<1				<1

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2023	<1				<1			<1				<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2024	<1				<1			<1	<1			<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/9/2024					<1.00							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/10/2024	<1.00											<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2024								<1.00				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/23/2025							<1.00					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/28/2025												<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025									<1.00			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/5/2025											<1.00	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/7/2025								<1.00				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/20/2025	<1.00											
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/21/2025					<1.00							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/23/2025								<1.00				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/4/2026	<1.00				<1.00				<1.00			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/6/2026								<1.00				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/12/2026												<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,1,2-Trichloroethane	79-00-5	ug/L	7/7/2009										<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	9/2/2009										<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
1,1,2-Trichloroethane	79-00-5	ug/L	1/2/2010										<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2010										<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	7/8/2010												<1
1,1,2-Trichloroethane	79-00-5	ug/L	9/13/2010												<1
1,1,2-Trichloroethane	79-00-5	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	4/4/2011												<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	12/5/2011								<1				
1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	6/25/2012								<1				
1,1,2-Trichloroethane	79-00-5	ug/L	8/1/2012								<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	12/13/2012								<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	2/4/2013								<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
1,1,2-Trichloroethane	79-00-5	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/20/2018								<1				
1,1,2-Trichloroethane	79-00-5	ug/L	4/24/2018						<1	<1			<1		
1,1,2-Trichloroethane	79-00-5	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/20/2021	<1				<1			<1				<1
1,1,2-Trichloroethane	79-00-5	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/14/2022	<1				<1			<1				<1
1,1,2-Trichloroethane	79-00-5	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2023	<1				<1			<1				<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2024	<1				<1			<1	<1			<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/9/2024					<1.00							
1,1,2-Trichloroethane	79-00-5	ug/L	10/10/2024	<1.00											<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2024								<1.00				
1,1,2-Trichloroethane	79-00-5	ug/L	4/23/2025							<1.00					
1,1,2-Trichloroethane	79-00-5	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,1,2-Trichloroethane	79-00-5	ug/L	4/28/2025												<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025									<1.00			
1,1,2-Trichloroethane	79-00-5	ug/L	5/5/2025											<1.00	
1,1,2-Trichloroethane	79-00-5	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,1,2-Trichloroethane	79-00-5	ug/L	5/7/2025								<1.00				
1,1,2-Trichloroethane	79-00-5	ug/L	10/20/2025	<1.00											
1,1,2-Trichloroethane	79-00-5	ug/L	10/21/2025					<1.00							
1,1,2-Trichloroethane	79-00-5	ug/L	10/23/2025								<1.00				
1,1,2-Trichloroethane	79-00-5	ug/L	5/4/2026	<1.00				<1.00				<1.00			
1,1,2-Trichloroethane	79-00-5	ug/L	5/6/2026								<1.00				
1,1,2-Trichloroethane	79-00-5	ug/L	5/12/2026												<1.00
1,1-Dichloroethane	75-34-3	ug/L	2/27/2008	<1	<1	<1	2.22	<1	2.57	1.02	<1				
1,1-Dichloroethane	75-34-3	ug/L	5/12/2008	<1	<1	<1	1.27	<1	2.87	1.18	<1				
1,1-Dichloroethane	75-34-3	ug/L	7/13/2008	<1	<1	1.15	1.28	<1	3.15	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	9/14/2008	<1	<1	1.12	2.72	<1	2.95	1.06	<1				

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,1-Dichloroethane	75-34-3	ug/L	11/17/2008	<1	<1	1.32	8.77	<1	3.2	1.33	<1				
1,1-Dichloroethane	75-34-3	ug/L	4/14/2009	<1	<1	<1	5.31		2.26	<1	<1				
1,1-Dichloroethane	75-34-3	ug/L	7/7/2009				4.99		2.34				<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	9/2/2009				6.35		2.35				<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	10/25/2009	<1	<1	1.43	7.3		2.57	<1	<1		<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	1/2/2010				3.78		2.03				<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	3/3/2010										<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	5/10/2010	<1	<1	1.16	1.5		1.8	<1	<1			<1	<1
1,1-Dichloroethane	75-34-3	ug/L	7/8/2010												<1
1,1-Dichloroethane	75-34-3	ug/L	9/13/2010												<1
1,1-Dichloroethane	75-34-3	ug/L	11/1/2010	<1	<1	1.06	4.74		1.39	<1			<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	4/4/2011				4.92		1.27						<1
1,1-Dichloroethane	75-34-3	ug/L	10/13/2011	<1	<1	1.73	7.32		1.32	<1			<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	12/5/2011								<1				
1,1-Dichloroethane	75-34-3	ug/L	4/11/2012	<1	<1	1.59	6.37		1.36	<1	<1		<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	6/25/2012								<1				
1,1-Dichloroethane	75-34-3	ug/L	8/1/2012								<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	10/11/2012	<1	<1	1.75	12.6		1.13	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	12/13/2012								<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	2/4/2013								<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	3/30/2013	<1	<1	<1	7.51		<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/7/2013		<1	1.28			<1	<1	<1	<1	<1		<1
1,1-Dichloroethane	75-34-3	ug/L	6/2/2014	<1	<1	1.05	4.05		<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/15/2014	<1	<1	<1	4.18		0.583J	0.766J	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/6/2015	<1	<1	1.3	1.82			0.634J	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/5/2015	<1	<1	1.63	2.84			1.12	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/4/2016	<1	<1	1.49	1.7		0.419J	0.804J	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/17/2016	<1	<1	1.88	2.23		<1	0.976J; 0.808J	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/17/2017	<1	<1	2.17; 1.85	<1		0.383J	1.05	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/11/2017	<1	<1	2.09; 2.21	<1		<1	1.31	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/20/2018								<1				
1,1-Dichloroethane	75-34-3	ug/L	4/24/2018						0.354J	0.292J			<1		
1,1-Dichloroethane	75-34-3	ug/L	4/25/2018	0.234J	<1	1.91	1.21					<1		<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/16/2018	<1	<1	1.91; 2.32	0.327J		<1	0.489J	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/16/2019	<1	<1	1.95	<1		<1	0.866J	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/1/2019	<1	<1	1.97	1.92		0.267J	1.19	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	3/30/2020	<1	<1	2.12	<1		0.326J	0.592J	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/7/2020	<1	<1	2.11	0.373J		<1	0.807J	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	4/13/2021	<1	<1	1.9	<1		<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/20/2021	<1				<1			<1				<1
1,1-Dichloroethane	75-34-3	ug/L	5/2/2022	<1				<1	0.4J		<1	<1			<1
1,1-Dichloroethane	75-34-3	ug/L	10/14/2022	<1				<1			<1				<1
1,1-Dichloroethane	75-34-3	ug/L	5/1/2023	<1				<1	0.3J		<1	<1		<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/16/2023	<1				<1			<1				<1
1,1-Dichloroethane	75-34-3	ug/L	4/29/2024	<1				<1			<1	0.247J			<1
1,1-Dichloroethane	75-34-3	ug/L	10/9/2024					<1.00							
1,1-Dichloroethane	75-34-3	ug/L	10/10/2024	<1.00											<1.00
1,1-Dichloroethane	75-34-3	ug/L	10/11/2024								<1.00				
1,1-Dichloroethane	75-34-3	ug/L	4/23/2025							0.400					
1,1-Dichloroethane	75-34-3	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,1-Dichloroethane	75-34-3	ug/L	4/28/2025												<1.00
1,1-Dichloroethane	75-34-3	ug/L	4/30/2025									<1.00			
1,1-Dichloroethane	75-34-3	ug/L	5/5/2025											<1.00	
1,1-Dichloroethane	75-34-3	ug/L	5/6/2025	<1.00	<1.00	0.456									
1,1-Dichloroethane	75-34-3	ug/L	5/7/2025								<1.00				
1,1-Dichloroethane	75-34-3	ug/L	10/20/2025	<1.00											
1,1-Dichloroethane	75-34-3	ug/L	10/21/2025					<1.00							
1,1-Dichloroethane	75-34-3	ug/L	10/23/2025								<1.00				
1,1-Dichloroethane	75-34-3	ug/L	5/4/2026	<1.00				<1.00				<1.00			
1,1-Dichloroethane	75-34-3	ug/L	5/6/2026								<1.00				
1,1-Dichloroethane	75-34-3	ug/L	5/12/2026												<1.00
1,1-Dichloroethene	75-35-4	ug/L	2/27/2008	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	5/12/2008	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	7/13/2008	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	9/14/2008	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	11/17/2008	<2	<2	<2	<2	<2	<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	4/14/2009	<2	<2	<2	<2		<2	<2	<2				
1,1-Dichloroethene	75-35-4	ug/L	7/7/2009										<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	9/2/2009										<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	10/25/2009	<2	<2	<2	<2		<2	<2	<2		<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	1/2/2010										<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	3/3/2010										<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	5/10/2010	<10	<2	<2	<2		<2	<2	<2			<2	<2
1,1-Dichloroethene	75-35-4	ug/L	7/8/2010												<2
1,1-Dichloroethene	75-35-4	ug/L	9/13/2010												<2
1,1-Dichloroethene	75-35-4	ug/L	11/1/2010	<2	<2	<2	<2		<2	<2			<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	4/4/2011												<2
1,1-Dichloroethene	75-35-4	ug/L	10/13/2011	<2	<2	<2	<2		<2	<2			<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	12/5/2011								<2				
1,1-Dichloroethene	75-35-4	ug/L	4/11/2012	<2	<2	<2	<2		<2	<2	<2		<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	6/25/2012								<2				
1,1-Dichloroethene	75-35-4	ug/L	8/1/2012								<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	10/11/2012	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	12/13/2012								<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	2/4/2013								<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	3/30/2013	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/7/2013		<2	<2			<2	<2	<2	<2	<2		<2
1,1-Dichloroethene	75-35-4	ug/L	6/2/2014	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,1-Dichloroethene	75-35-4	ug/L	10/15/2014	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/6/2015	<2	<2	<2	<2			<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/5/2015	<2	<2	<2	<2			<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/4/2016	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/17/2016	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/17/2017	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/11/2017	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/20/2018								<2				
1,1-Dichloroethene	75-35-4	ug/L	4/24/2018						<2	<2			<2		
1,1-Dichloroethene	75-35-4	ug/L	4/25/2018	<2	<2	<2	<2					<2		<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/16/2018	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/16/2019	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/1/2019	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	3/30/2020	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/7/2020	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,1-Dichloroethene	75-35-4	ug/L	10/20/2021	<1				<1			<1				<1
1,1-Dichloroethene	75-35-4	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
1,1-Dichloroethene	75-35-4	ug/L	10/14/2022	<1				<1			<1				<1
1,1-Dichloroethene	75-35-4	ug/L	5/1/2023	<2				<2	<2		<2	<2		<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/16/2023	<2				<2			<2				<2
1,1-Dichloroethene	75-35-4	ug/L	4/29/2024	<2				<2			<2	<2			<2
1,1-Dichloroethene	75-35-4	ug/L	10/9/2024					<2.00							
1,1-Dichloroethene	75-35-4	ug/L	10/10/2024	<2.00											<2.00
1,1-Dichloroethene	75-35-4	ug/L	10/11/2024								<2.00				
1,1-Dichloroethene	75-35-4	ug/L	4/23/2025							<2.00					
1,1-Dichloroethene	75-35-4	ug/L	4/25/2025				<2.00	<2.00					<2.00		
1,1-Dichloroethene	75-35-4	ug/L	4/28/2025												<2.00
1,1-Dichloroethene	75-35-4	ug/L	4/30/2025									<2.00			
1,1-Dichloroethene	75-35-4	ug/L	5/5/2025											<2.00	
1,1-Dichloroethene	75-35-4	ug/L	5/6/2025	<2.00	<2.00	<2.00									
1,1-Dichloroethene	75-35-4	ug/L	5/7/2025								<2.00				
1,1-Dichloroethene	75-35-4	ug/L	10/20/2025	<2.00											
1,1-Dichloroethene	75-35-4	ug/L	10/21/2025					<2.00							
1,1-Dichloroethene	75-35-4	ug/L	10/23/2025								<2.00				
1,1-Dichloroethene	75-35-4	ug/L	5/4/2026	<2.00				<2.00				<2.00			
1,1-Dichloroethene	75-35-4	ug/L	5/6/2026								<2.00				
1,1-Dichloroethene	75-35-4	ug/L	5/12/2026												<2.00
1,1-Dichloropropene	563-58-6	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,1-Dichloropropene	563-58-6	ug/L	9/2/2009										<1		
1,1-Dichloropropene	563-58-6	ug/L	1/2/2010											<1	
1,1-Dichloropropene	563-58-6	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	
1,1-Dichloropropene	563-58-6	ug/L	4/4/2011												<1
1,1-Dichloropropene	563-58-6	ug/L	10/15/2014										<1		
1,1-Dichloropropene	563-58-6	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1		<1	<1	
1,1-Dichloropropene	563-58-6	ug/L	4/4/2016												<1
1,1-Dichloropropene	563-58-6	ug/L	4/17/2017						<1						
1,1-Dichloropropene	563-58-6	ug/L	3/30/2020	<1	<1	<1	<1			<1	<1		<1	<1	
1,1-Dichloropropene	563-58-6	ug/L	10/20/2021												<1
1,1-Dichloropropene	563-58-6	ug/L	5/2/2022						<1						
1,1-Dichloropropene	563-58-6	ug/L	4/23/2025							<1.00					
1,1-Dichloropropene	563-58-6	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,1-Dichloropropene	563-58-6	ug/L	5/5/2025											<1.00	
1,1-Dichloropropene	563-58-6	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,1-Dichloropropene	563-58-6	ug/L	5/7/2025								<1.00				
1,1-Dichloropropene	563-58-6	ug/L	10/21/2025					<1.00							
1,2,3-Trichloropropane	96-18-4	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,2,3-Trichloropropane	96-18-4	ug/L	7/7/2009										<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	9/2/2009										<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
1,2,3-Trichloropropane	96-18-4	ug/L	1/2/2010										<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2010										<2	<2	<2
1,2,3-Trichloropropane	96-18-4	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	7/8/2010												<1
1,2,3-Trichloropropane	96-18-4	ug/L	9/13/2010												<1
1,2,3-Trichloropropane	96-18-4	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	4/4/2011												<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/13/2011	<1	<4	<1	<1		<1	<1			<4	<1	<4
1,2,3-Trichloropropane	96-18-4	ug/L	12/5/2011								<1				
1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	6/25/2012								<1				
1,2,3-Trichloropropane	96-18-4	ug/L	8/1/2012								<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	12/13/2012								<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	2/4/2013								<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
1,2,3-Trichloropropane	96-18-4	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,2,3-Trichloropropane	96-18-4	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/20/2018								<1				
1,2,3-Trichloropropane	96-18-4	ug/L	4/24/2018						<1	<1			<1		
1,2,3-Trichloropropane	96-18-4	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/20/2021	<1				<1			<1				<1
1,2,3-Trichloropropane	96-18-4	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/14/2022	<1				<1			<1				<1
1,2,3-Trichloropropane	96-18-4	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2023	<1				<1			<1				<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2024	<1				<1			<1	<1			<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/9/2024					<1.00							
1,2,3-Trichloropropane	96-18-4	ug/L	10/10/2024	<1.00											<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2024								<1.00				
1,2,3-Trichloropropane	96-18-4	ug/L	4/23/2025							<1.00					
1,2,3-Trichloropropane	96-18-4	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,2,3-Trichloropropane	96-18-4	ug/L	4/28/2025												<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025									<1.00			
1,2,3-Trichloropropane	96-18-4	ug/L	5/5/2025											<1.00	
1,2,3-Trichloropropane	96-18-4	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,2,3-Trichloropropane	96-18-4	ug/L	5/7/2025								<1.00				
1,2,3-Trichloropropane	96-18-4	ug/L	10/20/2025	<1.00											
1,2,3-Trichloropropane	96-18-4	ug/L	10/21/2025					<1.00							
1,2,3-Trichloropropane	96-18-4	ug/L	10/23/2025								<1.00				
1,2,3-Trichloropropane	96-18-4	ug/L	5/4/2026	<1.00				<1.00				<1.00			
1,2,3-Trichloropropane	96-18-4	ug/L	5/6/2026								<1.00				
1,2,3-Trichloropropane	96-18-4	ug/L	5/12/2026												<1.00
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/4/2011												<10
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/15/2014										<10		
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/4/2016												<10.3
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/17/2017						<11						
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/20/2021												<8
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/2/2022						<8						
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/23/2025							<10.4					
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/5/2025											<10.0	
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/7/2025								<10.6				
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	10/21/2025					<10.4							
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/14/2009	<5	<5	<5	<5		<5	<5	<5				
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/10/2010	<5	<10	<10	<10		<10	<10	<10			<10	
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/4/2011												<5
1,2,4-Trichlorobenzene	120-82-1	ug/L	10/15/2014										<5		
1,2,4-Trichlorobenzene	120-82-1	ug/L	10/5/2015	<5	<5	<5	<5			<5	<5		<5	<5	
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/4/2016												<5
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/17/2017						<5						
1,2,4-Trichlorobenzene	120-82-1	ug/L	3/30/2020	<5	<5	<5	<5			<5	<5		<5	<5	
1,2,4-Trichlorobenzene	120-82-1	ug/L	10/20/2021												<1
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/2/2022						<1						
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/23/2025							<5.00					
1,2,4-Trichlorobenzene	120-82-1	ug/L	4/25/2025				<5.00	<5.00					<5.00		
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/5/2025											<5.00	
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/6/2025	<5.00	<5.00	<5.00									
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/7/2025								<5.00				
1,2,4-Trichlorobenzene	120-82-1	ug/L	10/21/2025					<5.00							
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/7/2009										<10	<10	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/2/2009										<10	<10	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/25/2009	<10	<10	<10	<10		<10	<10	<10		<10	<10	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	1/2/2010										<10	<10	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/3/2010										<10	<10	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/8/2010												<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/13/2010												<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	11/1/2010	<10	<10	<10	<10		<10	<10			<10	<10	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/4/2011												<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/13/2011	<10	<10	<10	<10		<10	<10			<10	<10	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/5/2011								<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/11/2012	<10	<10	<10	<10		<10	<10	<10		<10	<10	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/25/2012								<10				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/1/2012								<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2012	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/13/2012								<10	<10			

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/4/2013								<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2013	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2013		<10	<10			<10	<10	<10	<10	<10		<10
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	6/2/2014	<0.12	<0.12	<0.12	<0.12		<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/15/2014	<0.12	<0.12	<0.12	<0.12		<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/6/2015	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/5/2015	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/4/2016	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/17/2016	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/17/2017	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2017	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/20/2018								<0.5				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/24/2018						<0.5	<0.5			<0.5		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/25/2018	<0.5	<0.5	<0.5	<0.5					<0.5		<0.5	<0.5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/16/2018	<1.2	<1.2	<1.2	<1.2		<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/16/2019	<1.2	<1.2	<1.2	<1.2		<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/1/2019	<1.2	<1.2	<1.2	<1.2		<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2020	<1.2	<1.2	<1.2	<1.2		<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2020	<1.2	<1.2	<1.2	<1.2		<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/13/2021	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/20/2021	<0.02				<0.02			<0.02				<1
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/2/2022	<0.02				<0.02	<1		<0.02	<0.02			<0.02
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/14/2022	<0.02				<5; <0.02			<0.02; <5				<0.02; <5
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/1/2023	<1.2				<1.2	<1.2		<1.2	<1.2		<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/16/2023	<1.2				<1.2			<1.2				<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2024	<1.2				<1.2			<1.2	<1.2			<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/9/2024					<1.20							
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/10/2024	<1.20											<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2024								<1.20				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/23/2025							<1.20					
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/25/2025				<1.20	<1.20					<1.20		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/28/2025												<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025									<1.20			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/5/2025											<1.20	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/6/2025	<1.20	<1.20	<1.20									
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/7/2025								<1.20				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/20/2025	<1.20											
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/21/2025					<1.20							
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/23/2025								<1.20				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/4/2026	<1.20				<1.20				<1.20			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/6/2026								<1.20				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/12/2026												<1.20
1,2-Dibromoethane (EDB)	106-93-4	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	7/7/2009										<10	<10	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	9/2/2009										<10	<10	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/25/2009	<10	<10	<10	<10		<10	<10	<10		<10	<10	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	1/2/2010										<10	<10	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	3/3/2010										<10	<10	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	7/8/2010												<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	9/13/2010												<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	11/1/2010	<10	<10	<10	<10		<10	<10			<10	<10	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/4/2011												<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/13/2011	<10	<10	<10	<10		<10	<10			<10	<10	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	12/5/2011								<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/11/2012	<10	<10	<10	<10		<10	<10	<10		<10	<10	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	6/25/2012								<10				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	8/1/2012								<10	<10			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/11/2012	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	12/13/2012								<10	<10			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	2/4/2013								<10	<10			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	3/30/2013	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/7/2013		<10	<10			<10	<10	<10	<10	<10		<10
1,2-Dibromoethane (EDB)	106-93-4	ug/L	6/2/2014	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/15/2014	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/6/2015	<0.13	<0.13	<0.13	<0.13			<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/5/2015	<0.13	<0.13	<0.13	<0.13			<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/4/2016	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/17/2016	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/17/2017	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/11/2017	<0.13	<0.13	<0.13	<0.13		<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/20/2018								<0.13				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/24/2018						<0.13	<0.13			<0.13		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/25/2018	<0.13	<0.13	<0.13	<0.13					<0.13		<0.13	<0.13
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/16/2018	<0.34	<0.34	<0.34	<0.34		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/16/2019	<0.34	<0.34	<0.34	<0.34		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/1/2019	<0.34	<0.34	<0.34	<0.34		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	3/30/2020	<0.34	<0.34	<0.34	<0.34		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/7/2020	<0.34	<0.34	<0.34	<0.34		<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/13/2021	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/20/2021	<0.02				<0.02			<0.02				<1
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/2/2022	<0.02				<0.02	<1		<0.02	<0.02			<0.02
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/14/2022	<0.02				<0.02			<0.02				<0.02

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/1/2023	<0.34				<0.34	<0.34		<0.34	<0.34		<0.34	<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/16/2023	<0.34				<0.34			<0.34				<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/29/2024	<0.34				<0.34			<0.34	<0.34			<0.34
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/9/2024					<0.340							
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/10/2024	<0.340											<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/11/2024								<0.340				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/23/2025							<0.340					
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/25/2025				<0.340	<0.340					<0.340		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/28/2025												<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/30/2025									<0.340			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/5/2025											<0.340	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/6/2025	<0.340	<0.340	<0.340									
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/7/2025								<0.340				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/20/2025	<0.340											
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/21/2025					<0.340							
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/23/2025								<0.340				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/4/2026	<0.340				<0.340				<0.340			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/6/2026								<0.340				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/12/2026												<0.340
1,2-Dichlorobenzene	95-50-1	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,2-Dichlorobenzene	95-50-1	ug/L	7/7/2009										<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	9/2/2009										<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
1,2-Dichlorobenzene	95-50-1	ug/L	1/2/2010										<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2010										<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	7/8/2010												<1
1,2-Dichlorobenzene	95-50-1	ug/L	9/13/2010												<1
1,2-Dichlorobenzene	95-50-1	ug/L	11/1/2010	<1	<1	<2	<2		<1	<1			<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	4/4/2011												<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	12/5/2011								<1				
1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	6/25/2012								<1				
1,2-Dichlorobenzene	95-50-1	ug/L	8/1/2012								<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	12/13/2012								<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	2/4/2013								<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
1,2-Dichlorobenzene	95-50-1	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/20/2018								<1				
1,2-Dichlorobenzene	95-50-1	ug/L	4/24/2018						<1	<1			<1		
1,2-Dichlorobenzene	95-50-1	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/20/2021	<1				<1			<1				<1
1,2-Dichlorobenzene	95-50-1	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/14/2022	<1				<1			<1				<1
1,2-Dichlorobenzene	95-50-1	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2023	<1				<1			<1				<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2024	<1				<1			<1	<1			<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/9/2024					<1.00							
1,2-Dichlorobenzene	95-50-1	ug/L	10/10/2024	<1.00											<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2024								<1.00				
1,2-Dichlorobenzene	95-50-1	ug/L	4/23/2025							<1.00					
1,2-Dichlorobenzene	95-50-1	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,2-Dichlorobenzene	95-50-1	ug/L	4/28/2025												<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025									<1.00			
1,2-Dichlorobenzene	95-50-1	ug/L	5/5/2025											<1.00	
1,2-Dichlorobenzene	95-50-1	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,2-Dichlorobenzene	95-50-1	ug/L	5/7/2025								<1.00				
1,2-Dichlorobenzene	95-50-1	ug/L	10/20/2025	<1.00											
1,2-Dichlorobenzene	95-50-1	ug/L	10/21/2025					<1.00							
1,2-Dichlorobenzene	95-50-1	ug/L	10/23/2025								<1.00				
1,2-Dichlorobenzene	95-50-1	ug/L	5/4/2026	<1.00				<1.00				<1.00			
1,2-Dichlorobenzene	95-50-1	ug/L	5/6/2026								<1.00				
1,2-Dichlorobenzene	95-50-1	ug/L	5/12/2026												<1.00
1,2-Dichloroethane	107-06-2	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,2-Dichloroethane	107-06-2	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,2-Dichloroethane	107-06-2	ug/L	7/7/2009										<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	9/2/2009										<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
1,2-Dichloroethane	107-06-2	ug/L	1/2/2010										<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	3/3/2010										<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
1,2-Dichloroethane	107-06-2	ug/L	7/8/2010												<1
1,2-Dichloroethane	107-06-2	ug/L	9/13/2010												<1
1,2-Dichloroethane	107-06-2	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	4/4/2011												<1
1,2-Dichloroethane	107-06-2	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	12/5/2011								<1				
1,2-Dichloroethane	107-06-2	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	6/25/2012								<1				
1,2-Dichloroethane	107-06-2	ug/L	8/1/2012								<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	12/13/2012								<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	2/4/2013								<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
1,2-Dichloroethane	107-06-2	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	4/6/2015	<1	<1	<1	0.186J			<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	4/17/2017	<1; 0.196J	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	4/20/2018								<1				
1,2-Dichloroethane	107-06-2	ug/L	4/24/2018						<1	<1			<1		
1,2-Dichloroethane	107-06-2	ug/L	4/25/2018	<1	<1	<1	0.196J					<1		<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/20/2021	<1				<1			<1				<1
1,2-Dichloroethane	107-06-2	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
1,2-Dichloroethane	107-06-2	ug/L	10/14/2022	<1				<1			<1				<1
1,2-Dichloroethane	107-06-2	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/16/2023	<1				<1			<1				<1
1,2-Dichloroethane	107-06-2	ug/L	4/29/2024	<1				<1			<1	<1			<1
1,2-Dichloroethane	107-06-2	ug/L	10/9/2024					<1.00							
1,2-Dichloroethane	107-06-2	ug/L	10/10/2024	<1.00											<1.00
1,2-Dichloroethane	107-06-2	ug/L	10/11/2024								<1.00				
1,2-Dichloroethane	107-06-2	ug/L	4/23/2025							<1.00					
1,2-Dichloroethane	107-06-2	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,2-Dichloroethane	107-06-2	ug/L	4/28/2025												<1.00
1,2-Dichloroethane	107-06-2	ug/L	4/30/2025									<1.00			
1,2-Dichloroethane	107-06-2	ug/L	5/5/2025											<1.00	
1,2-Dichloroethane	107-06-2	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,2-Dichloroethane	107-06-2	ug/L	5/7/2025								<1.00				
1,2-Dichloroethane	107-06-2	ug/L	10/20/2025	<1.00											
1,2-Dichloroethane	107-06-2	ug/L	10/21/2025					<1.00							
1,2-Dichloroethane	107-06-2	ug/L	10/23/2025								<1.00				
1,2-Dichloroethane	107-06-2	ug/L	5/4/2026	<1.00				<1.00				<1.00			
1,2-Dichloroethane	107-06-2	ug/L	5/6/2026								<1.00				
1,2-Dichloroethane	107-06-2	ug/L	5/12/2026												<1.00
1,2-Dichloropropane	78-87-5	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,2-Dichloropropane	78-87-5	ug/L	7/7/2009										<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	9/2/2009										<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	10/25/2009	<1	<1	<1	<1		<1	<1	<1		<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	1/2/2010										<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	3/3/2010										<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
1,2-Dichloropropane	78-87-5	ug/L	7/8/2010												<1
1,2-Dichloropropane	78-87-5	ug/L	9/13/2010												<1
1,2-Dichloropropane	78-87-5	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	4/4/2011												<1
1,2-Dichloropropane	78-87-5	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	12/5/2011								<1				
1,2-Dichloropropane	78-87-5	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	6/25/2012								<1				
1,2-Dichloropropane	78-87-5	ug/L	8/1/2012								<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	12/13/2012								<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	2/4/2013								<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
1,2-Dichloropropane	78-87-5	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,2-Dichloropropane	78-87-5	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/20/2018								<1				
1,2-Dichloropropane	78-87-5	ug/L	4/24/2018						<1	<1			<1		
1,2-Dichloropropane	78-87-5	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/20/2021	<1				<1			<1				<1
1,2-Dichloropropane	78-87-5	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
1,2-Dichloropropane	78-87-5	ug/L	10/14/2022	<1				<1			<1				<1
1,2-Dichloropropane	78-87-5	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/16/2023	<1				<1			<1				<1
1,2-Dichloropropane	78-87-5	ug/L	4/29/2024	<1				<1			<1	<1			<1
1,2-Dichloropropane	78-87-5	ug/L	10/9/2024					<1.00							
1,2-Dichloropropane	78-87-5	ug/L	10/10/2024	<1.00											<1.00
1,2-Dichloropropane	78-87-5	ug/L	10/11/2024								<1.00				
1,2-Dichloropropane	78-87-5	ug/L	4/23/2025							<1.00					
1,2-Dichloropropane	78-87-5	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,2-Dichloropropane	78-87-5	ug/L	4/28/2025												<1.00
1,2-Dichloropropane	78-87-5	ug/L	4/30/2025									<1.00			
1,2-Dichloropropane	78-87-5	ug/L	5/5/2025											<1.00	
1,2-Dichloropropane	78-87-5	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,2-Dichloropropane	78-87-5	ug/L	5/7/2025								<1.00				
1,2-Dichloropropane	78-87-5	ug/L	10/20/2025	<1.00											
1,2-Dichloropropane	78-87-5	ug/L	10/21/2025					<1.00							
1,2-Dichloropropane	78-87-5	ug/L	10/23/2025								<1.00				
1,2-Dichloropropane	78-87-5	ug/L	5/4/2026	<1.00				<1.00				<1.00			
1,2-Dichloropropane	78-87-5	ug/L	5/6/2026								<1.00				
1,2-Dichloropropane	78-87-5	ug/L	5/12/2026												<1.00
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/4/2011												<10
1,3,5-Trinitrobenzene	99-35-4	ug/L	10/15/2014										<10		
1,3,5-Trinitrobenzene	99-35-4	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/4/2016												<10.3
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/17/2017						<11						
1,3,5-Trinitrobenzene	99-35-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
1,3,5-Trinitrobenzene	99-35-4	ug/L	10/20/2021												<8
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/2/2022						<8						
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/23/2025							<10.4					
1,3,5-Trinitrobenzene	99-35-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/5/2025											<10.0	
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/7/2025								<10.6				
1,3,5-Trinitrobenzene	99-35-4	ug/L	10/21/2025					<10.4							
1,3-Dichlorobenzene	541-73-1	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,3-Dichlorobenzene	541-73-1	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	
1,3-Dichlorobenzene	541-73-1	ug/L	4/4/2011												<1
1,3-Dichlorobenzene	541-73-1	ug/L	10/15/2014										<1		
1,3-Dichlorobenzene	541-73-1	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1		<1	<1	
1,3-Dichlorobenzene	541-73-1	ug/L	4/4/2016												<1
1,3-Dichlorobenzene	541-73-1	ug/L	4/17/2017						<1						
1,3-Dichlorobenzene	541-73-1	ug/L	3/30/2020	<1	<1	<1	<1			<1	<1		<1	<1	
1,3-Dichlorobenzene	541-73-1	ug/L	10/20/2021												<1
1,3-Dichlorobenzene	541-73-1	ug/L	5/2/2022						<1						
1,3-Dichlorobenzene	541-73-1	ug/L	4/23/2025							<1.00					
1,3-Dichlorobenzene	541-73-1	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,3-Dichlorobenzene	541-73-1	ug/L	5/5/2025											<1.00	
1,3-Dichlorobenzene	541-73-1	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,3-Dichlorobenzene	541-73-1	ug/L	5/7/2025								<1.00				
1,3-Dichlorobenzene	541-73-1	ug/L	10/21/2025					<1.00							
1,3-Dichloropropane	142-28-9	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,3-Dichloropropane	142-28-9	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	
1,3-Dichloropropane	142-28-9	ug/L	4/4/2011												<1
1,3-Dichloropropane	142-28-9	ug/L	10/15/2014										<1		
1,3-Dichloropropane	142-28-9	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1		<1	<1	
1,3-Dichloropropane	142-28-9	ug/L	4/4/2016												<1
1,3-Dichloropropane	142-28-9	ug/L	4/17/2017						<1						
1,3-Dichloropropane	142-28-9	ug/L	3/30/2020	<1	<1	<1	<1			<1	<1		<1	<1	
1,3-Dichloropropane	142-28-9	ug/L	10/20/2021												<1
1,3-Dichloropropane	142-28-9	ug/L	5/2/2022						<1						
1,3-Dichloropropane	142-28-9	ug/L	4/23/2025							<1.00					
1,3-Dichloropropane	142-28-9	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,3-Dichloropropane	142-28-9	ug/L	5/5/2025											<1.00	
1,3-Dichloropropane	142-28-9	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,3-Dichloropropane	142-28-9	ug/L	5/7/2025								<1.00				
1,3-Dichloropropane	142-28-9	ug/L	10/21/2025					<1.00							
1,3-Dinitrobenzene	99-65-0	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
1,3-Dinitrobenzene	99-65-0	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,3-Dinitrobenzene	99-65-0	ug/L	4/4/2011												<10
1,3-Dinitrobenzene	99-65-0	ug/L	10/15/2014										<10		
1,3-Dinitrobenzene	99-65-0	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
1,3-Dinitrobenzene	99-65-0	ug/L	4/4/2016												<10.3
1,3-Dinitrobenzene	99-65-0	ug/L	4/17/2017						<11						
1,3-Dinitrobenzene	99-65-0	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
1,3-Dinitrobenzene	99-65-0	ug/L	10/20/2021												<8
1,3-Dinitrobenzene	99-65-0	ug/L	5/2/2022						<8						
1,3-Dinitrobenzene	99-65-0	ug/L	4/23/2025							<10.4					
1,3-Dinitrobenzene	99-65-0	ug/L	4/25/2025				<10.4	<10.6					<10.2		
1,3-Dinitrobenzene	99-65-0	ug/L	5/5/2025											<10.0	
1,3-Dinitrobenzene	99-65-0	ug/L	5/6/2025	<10.4	<10.4	<10.4									
1,3-Dinitrobenzene	99-65-0	ug/L	5/7/2025								<10.6				
1,3-Dinitrobenzene	99-65-0	ug/L	10/21/2025					<10.4							
1,4-Dichlorobenzene	106-46-7	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
1,4-Dichlorobenzene	106-46-7	ug/L	7/7/2009										<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	9/2/2009										<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
1,4-Dichlorobenzene	106-46-7	ug/L	1/2/2010										<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2010										<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	5/10/2010	<2	<1	<1	<1		<1	<1	<1			<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	7/8/2010												<1
1,4-Dichlorobenzene	106-46-7	ug/L	9/13/2010												<1
1,4-Dichlorobenzene	106-46-7	ug/L	11/1/2010	<2	<2	<1	<1		<2	<2			<1	<2	
1,4-Dichlorobenzene	106-46-7	ug/L	4/4/2011												<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	12/5/2011								<1				
1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	6/25/2012								<1				
1,4-Dichlorobenzene	106-46-7	ug/L	8/1/2012								<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	12/13/2012								<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	2/4/2013								<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
1,4-Dichlorobenzene	106-46-7	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/20/2018								<1				
1,4-Dichlorobenzene	106-46-7	ug/L	4/24/2018						<1	<1			<1		
1,4-Dichlorobenzene	106-46-7	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/20/2021	<1				<1			<1				<1
1,4-Dichlorobenzene	106-46-7	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/14/2022	<1				<1			<1				<1
1,4-Dichlorobenzene	106-46-7	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2023	<1				<1			<1				<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2024	<1				<1			<1	<1			<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/9/2024					<1.00							
1,4-Dichlorobenzene	106-46-7	ug/L	10/10/2024	<1.00											<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2024								<1.00				
1,4-Dichlorobenzene	106-46-7	ug/L	4/23/2025							<1.00					
1,4-Dichlorobenzene	106-46-7	ug/L	4/25/2025				<1.00	<1.00					<1.00		
1,4-Dichlorobenzene	106-46-7	ug/L	4/28/2025												<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025									<1.00			
1,4-Dichlorobenzene	106-46-7	ug/L	5/5/2025											<1.00	
1,4-Dichlorobenzene	106-46-7	ug/L	5/6/2025	<1.00	<1.00	<1.00									
1,4-Dichlorobenzene	106-46-7	ug/L	5/7/2025								<1.00				
1,4-Dichlorobenzene	106-46-7	ug/L	10/20/2025	<1.00											
1,4-Dichlorobenzene	106-46-7	ug/L	10/21/2025					<1.00							
1,4-Dichlorobenzene	106-46-7	ug/L	10/23/2025								<1.00				
1,4-Dichlorobenzene	106-46-7	ug/L	5/4/2026	<1.00				<1.00				<1.00			
1,4-Dichlorobenzene	106-46-7	ug/L	5/6/2026								<1.00				
1,4-Dichlorobenzene	106-46-7	ug/L	5/12/2026												<1.00
1,4-Naphthoquinone	130-15-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
1,4-Naphthoquinone	130-15-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
1,4-Naphthoquinone	130-15-4	ug/L	4/4/2011												<10
1,4-Naphthoquinone	130-15-4	ug/L	10/15/2014										<10		
1,4-Naphthoquinone	130-15-4	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
1,4-Naphthoquinone	130-15-4	ug/L	4/4/2016												<10.3
1,4-Naphthoquinone	130-15-4	ug/L	4/17/2017						<11						
1,4-Naphthoquinone	130-15-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
1,4-Naphthoquinone	130-15-4	ug/L	10/20/2021												<8

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
1,4-Naphthoquinone	130-15-4	ug/L	5/2/2022						<8						
1,4-Naphthoquinone	130-15-4	ug/L	4/23/2025							<10.4					
1,4-Naphthoquinone	130-15-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		
1,4-Naphthoquinone	130-15-4	ug/L	5/5/2025											<10.0	
1,4-Naphthoquinone	130-15-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
1,4-Naphthoquinone	130-15-4	ug/L	5/7/2025								<10.6				
1,4-Naphthoquinone	130-15-4	ug/L	10/21/2025					<10.4							
1,4-Phenylenediamine	106-50-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
1,4-Phenylenediamine	106-50-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
1,4-Phenylenediamine	106-50-3	ug/L	4/4/2011												<10
1,4-Phenylenediamine	106-50-3	ug/L	10/15/2014										<10		
1,4-Phenylenediamine	106-50-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
1,4-Phenylenediamine	106-50-3	ug/L	4/4/2016												<10.3
1,4-Phenylenediamine	106-50-3	ug/L	4/17/2017						<11						
1,4-Phenylenediamine	106-50-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
1,4-Phenylenediamine	106-50-3	ug/L	10/20/2021												<8
1,4-Phenylenediamine	106-50-3	ug/L	5/2/2022						<8						
1,4-phenylenediamine	106-50-3	ug/L	4/23/2025							<10.4					
1,4-phenylenediamine	106-50-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
1,4-phenylenediamine	106-50-3	ug/L	5/5/2025											<10.0	
1,4-phenylenediamine	106-50-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
1,4-phenylenediamine	106-50-3	ug/L	5/7/2025								<10.6				
1,4-phenylenediamine	106-50-3	ug/L	10/21/2025					<10.4							
1-Naphthylamine	134-32-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
1-Naphthylamine	134-32-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
1-Naphthylamine	134-32-7	ug/L	4/4/2011												<10
1-Naphthylamine	134-32-7	ug/L	10/15/2014										<10		
1-Naphthylamine	134-32-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
1-Naphthylamine	134-32-7	ug/L	4/4/2016												<10.3
1-Naphthylamine	134-32-7	ug/L	4/17/2017						<11						
1-Naphthylamine	134-32-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
1-Naphthylamine	134-32-7	ug/L	10/20/2021												<8
1-Naphthylamine	134-32-7	ug/L	5/2/2022						<8						
1-Naphthylamine	134-32-7	ug/L	4/23/2025							<10.4					
1-Naphthylamine	134-32-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
1-Naphthylamine	134-32-7	ug/L	5/5/2025											<10.0	
1-Naphthylamine	134-32-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
1-Naphthylamine	134-32-7	ug/L	5/7/2025								<10.6				
1-Naphthylamine	134-32-7	ug/L	10/21/2025					<10.4							
2,2-Dichloropropane	594-20-7	ug/L	4/14/2009	<4	<4	<4	<4		<4	<4	<4				
2,2-Dichloropropane	594-20-7	ug/L	5/10/2010	<4	<4	<4	<4		<4	<4	<4			<4	
2,2-Dichloropropane	594-20-7	ug/L	4/4/2011												<4
2,2-Dichloropropane	594-20-7	ug/L	10/15/2014										<4		
2,2-Dichloropropane	594-20-7	ug/L	10/5/2015	<4	<4	<4	<4			<4	<4		<4	<4	
2,2-Dichloropropane	594-20-7	ug/L	4/4/2016												<4
2,2-Dichloropropane	594-20-7	ug/L	4/17/2017						<4						
2,2-Dichloropropane	594-20-7	ug/L	3/30/2020	<4	<4	<4	<4			<4	<4		<4	<4	
2,2-Dichloropropane	594-20-7	ug/L	10/20/2021												<1
2,2-Dichloropropane	594-20-7	ug/L	5/2/2022						<1						
2,2-Dichloropropane	594-20-7	ug/L	4/23/2025							<4.00					
2,2-Dichloropropane	594-20-7	ug/L	4/25/2025				<4.00	<4.00					<4.00		
2,2-Dichloropropane	594-20-7	ug/L	5/5/2025											<4.00	
2,2-Dichloropropane	594-20-7	ug/L	5/6/2025	<4.00	<4.00	<4.00									
2,2-Dichloropropane	594-20-7	ug/L	5/7/2025								<4.00				
2,2-Dichloropropane	594-20-7	ug/L	10/21/2025					<4.00							
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/4/2011												<10
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/15/2014										<10		
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/4/2016												<10.3
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/17/2017						<11						
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/20/2021												<8
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/2/2022						<8						
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/23/2025							<10.4					
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/5/2025											<10.0	
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/7/2025								<10.6				
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	10/21/2025					<10.4							
2,4,5-T	93-76-5	ug/L	4/23/2025							<0.162					
2,4,5-T	93-76-5	ug/L	4/25/2025				<0.171	<0.159					<0.165		
2,4,5-T	93-76-5	ug/L	5/5/2025											<0.150	
2,4,5-T	93-76-5	ug/L	5/6/2025	<0.161	<0.165	<0.168									
2,4,5-T	93-76-5	ug/L	5/7/2025								<0.156				
2,4,5-T	93-76-5	ug/L	10/21/2025					<0.158							
2,4,5-T [2C]	93-76-5	ug/L	4/14/2009	<0.2	<0.2	<0.2	<0.2		<0.2	<0.2	<0.2				
2,4,5-T [2C]	93-76-5	ug/L	5/10/2010	<0.51	<0.5	<0.5	<0.51		<0.47	<0.5	<0.47			<0.47	
2,4,5-T [2C]	93-76-5	ug/L	4/4/2011												<0.5
2,4,5-T [2C]	93-76-5	ug/L	10/15/2014										<1.08		
2,4,5-T [2C]	93-76-5	ug/L	10/5/2015	<1.01	<1.03	<1.01	<1.03			<1.01	<1.06		<10.7	<1.01	
2,4,5-T [2C]	93-76-5	ug/L	4/4/2016												<1.06
2,4,5-T [2C]	93-76-5	ug/L	4/17/2017						<1.08						
2,4,5-T [2C]	93-76-5	ug/L	3/30/2020	<1.04	<1.04	<1.03	<1.04			<1.05	<1.04		<1.04	<1.03	
2,4,5-T [2C]	93-76-5	ug/L	10/20/2021												0.08J
2,4,5-T [2C]	93-76-5	ug/L	5/2/2022						<0.5						
2,4,5-TP [Silvex]	93-72-1	ug/L	4/14/2009	<0.2	<0.2	<0.2	<0.2		<0.2	<0.2	<0.2				

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
2,4,5-TP [Silvex]	93-72-1	ug/L	5/10/2010	<0.51	<0.5	<0.5	<0.51		<0.47	<0.5	<0.47			<0.47	
2,4,5-TP [Silvex]	93-72-1	ug/L	4/4/2011												<0.5
2,4,5-TP [Silvex]	93-72-1	ug/L	10/15/2014										<1.08		
2,4,5-TP [Silvex]	93-72-1	ug/L	10/5/2015	<1.01	<1.03	<1.01	<1.03			<1.01	<1.06		<10.7	<1.01	
2,4,5-TP [Silvex]	93-72-1	ug/L	4/4/2016												<1.06
2,4,5-TP [Silvex]	93-72-1	ug/L	4/17/2017						<1.08						
2,4,5-TP [Silvex]	93-72-1	ug/L	3/30/2020	<1.04	<1.04	<1.03	<1.04			<1.05	<1.04		<1.04	<1.03	
2,4,5-TP [Silvex]	93-72-1	ug/L	10/20/2021												<0.5
2,4,5-TP [Silvex]	93-72-1	ug/L	5/2/2022						0.09J						
2,4,5-Trichlorophenol	95-95-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2,4,5-Trichlorophenol	95-95-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2,4,5-Trichlorophenol	95-95-4	ug/L	4/4/2011												<10
2,4,5-Trichlorophenol	95-95-4	ug/L	10/15/2014										<10		
2,4,5-Trichlorophenol	95-95-4	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2,4,5-Trichlorophenol	95-95-4	ug/L	4/4/2016												<10.3
2,4,5-Trichlorophenol	95-95-4	ug/L	4/17/2017						<11						
2,4,5-Trichlorophenol	95-95-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2,4,5-Trichlorophenol	95-95-4	ug/L	10/20/2021												<8
2,4,5-Trichlorophenol	95-95-4	ug/L	5/2/2022						<8						
2,4,5-Trichlorophenol	95-95-4	ug/L	4/23/2025							<10.4					
2,4,5-Trichlorophenol	95-95-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2,4,5-Trichlorophenol	95-95-4	ug/L	5/5/2025											<10.0	
2,4,5-Trichlorophenol	95-95-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2,4,5-Trichlorophenol	95-95-4	ug/L	5/7/2025								<10.6				
2,4,5-Trichlorophenol	95-95-4	ug/L	10/21/2025					<10.4							
2,4,6-Trichlorophenol	88-06-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2,4,6-Trichlorophenol	88-06-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2,4,6-Trichlorophenol	88-06-2	ug/L	4/4/2011												<10
2,4,6-Trichlorophenol	88-06-2	ug/L	10/15/2014										<10		
2,4,6-Trichlorophenol	88-06-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2,4,6-Trichlorophenol	88-06-2	ug/L	4/4/2016												<10.3
2,4,6-Trichlorophenol	88-06-2	ug/L	4/17/2017						<11						
2,4,6-Trichlorophenol	88-06-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2,4,6-Trichlorophenol	88-06-2	ug/L	10/20/2021												<8
2,4,6-Trichlorophenol	88-06-2	ug/L	5/2/2022						<8						
2,4,6-Trichlorophenol	88-06-2	ug/L	4/23/2025							<10.4					
2,4,6-Trichlorophenol	88-06-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2,4,6-Trichlorophenol	88-06-2	ug/L	5/5/2025											<10.0	
2,4,6-Trichlorophenol	88-06-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2,4,6-Trichlorophenol	88-06-2	ug/L	5/7/2025								<10.6				
2,4,6-Trichlorophenol	88-06-2	ug/L	10/21/2025					<10.4							
2,4-D	94-75-7	ug/L	4/23/2025							<0.648					
2,4-D	94-75-7	ug/L	4/25/2025				<0.684	<0.635					<0.661		
2,4-D	94-75-7	ug/L	5/5/2025											<0.602	
2,4-D	94-75-7	ug/L	5/6/2025	<0.645	<0.659	<0.672									
2,4-D	94-75-7	ug/L	5/7/2025								<0.623				
2,4-D	94-75-7	ug/L	10/21/2025					<0.631							
2,4-D [2C]	94-75-7	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
2,4-D [2C]	94-75-7	ug/L	5/10/2010	<1	<1	<1	<1		<0.93	<1	<0.93			<0.93	
2,4-D [2C]	94-75-7	ug/L	4/4/2011												<1
2,4-D [2C]	94-75-7	ug/L	10/15/2014										<1.08		
2,4-D [2C]	94-75-7	ug/L	10/5/2015	<1.01	<1.03	<1.01	<1.03			<1.01	<1.06		<10.7	<1.01	
2,4-D [2C]	94-75-7	ug/L	4/4/2016												<1.06
2,4-D [2C]	94-75-7	ug/L	4/17/2017						<1.08						
2,4-D [2C]	94-75-7	ug/L	3/30/2020	<1.04	<1.04	<1.03	<1.04			<1.05	<1.04		<1.04	<1.03	
2,4-D [2C]	94-75-7	ug/L	10/20/2021												<2
2,4-D [2C]	94-75-7	ug/L	5/2/2022						<2						
2,4-Dichlorophenol	120-83-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2,4-Dichlorophenol	120-83-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2,4-Dichlorophenol	120-83-2	ug/L	4/4/2011												<10
2,4-Dichlorophenol	120-83-2	ug/L	10/15/2014										<10		
2,4-Dichlorophenol	120-83-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2,4-Dichlorophenol	120-83-2	ug/L	4/4/2016												<10.3
2,4-Dichlorophenol	120-83-2	ug/L	4/17/2017						<11						
2,4-Dichlorophenol	120-83-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2,4-Dichlorophenol	120-83-2	ug/L	10/20/2021												<8
2,4-Dichlorophenol	120-83-2	ug/L	5/2/2022						<8						
2,4-Dichlorophenol	120-83-2	ug/L	4/23/2025							<10.4					
2,4-Dichlorophenol	120-83-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2,4-Dichlorophenol	120-83-2	ug/L	5/5/2025											<10.0	
2,4-Dichlorophenol	120-83-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2,4-Dichlorophenol	120-83-2	ug/L	5/7/2025								<10.6				
2,4-Dichlorophenol	120-83-2	ug/L	10/21/2025					<10.4							
2,4-Dimethylphenol	105-67-9	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2,4-Dimethylphenol	105-67-9	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2,4-Dimethylphenol	105-67-9	ug/L	4/4/2011												<10
2,4-Dimethylphenol	105-67-9	ug/L	10/15/2014										<10		
2,4-Dimethylphenol	105-67-9	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2,4-Dimethylphenol	105-67-9	ug/L	4/4/2016												<10.3
2,4-Dimethylphenol	105-67-9	ug/L	4/17/2017						<11						
2,4-Dimethylphenol	105-67-9	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2,4-Dimethylphenol	105-67-9	ug/L	10/20/2021												<8
2,4-Dimethylphenol	105-67-9	ug/L	5/2/2022						<8						
2,4-Dimethylphenol	105-67-9	ug/L	4/23/2025							<10.4					
2,4-Dimethylphenol	105-67-9	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2,4-Dimethylphenol	105-67-9	ug/L	5/5/2025											<10.0	
2,4-Dimethylphenol	105-67-9	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2,4-Dimethylphenol	105-67-9	ug/L	5/7/2025								<10.6				

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
2,4-Dimethylphenol	105-67-9	ug/L	10/21/2025					<10.4							
2,4-Dinitrophenol	51-28-5	ug/L	4/14/2009	<20	<20	<20	<20		<20	<40	<20				
2,4-Dinitrophenol	51-28-5	ug/L	5/10/2010	<20	<20	<20	<20		<20	<20	<20			<20	
2,4-Dinitrophenol	51-28-5	ug/L	4/4/2011												<20
2,4-Dinitrophenol	51-28-5	ug/L	10/15/2014										<20		
2,4-Dinitrophenol	51-28-5	ug/L	10/5/2015	<20	<20.6	<20	<20			<20.6	<21.5		<21.7	<20	
2,4-Dinitrophenol	51-28-5	ug/L	4/4/2016												<20.6
2,4-Dinitrophenol	51-28-5	ug/L	4/17/2017						<22						
2,4-Dinitrophenol	51-28-5	ug/L	3/30/2020	<20.8	<20.8	<20.8	<20.4			<20.4	<20.6		<20.8	<20.8	
2,4-Dinitrophenol	51-28-5	ug/L	10/20/2021												<8
2,4-Dinitrophenol	51-28-5	ug/L	5/2/2022						<8						
2,4-Dinitrophenol	51-28-5	ug/L	4/23/2025							<20.8					
2,4-Dinitrophenol	51-28-5	ug/L	4/25/2025				<20.8	<21.3					<20.4		
2,4-Dinitrophenol	51-28-5	ug/L	5/5/2025											<20.0	
2,4-Dinitrophenol	51-28-5	ug/L	5/6/2025	<20.8	<20.8	<20.8									
2,4-Dinitrophenol	51-28-5	ug/L	5/7/2025								<21.3				
2,4-Dinitrophenol	51-28-5	ug/L	10/21/2025					<20.8							
2,4-Dinitrotoluene	121-14-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2,4-Dinitrotoluene	121-14-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2,4-Dinitrotoluene	121-14-2	ug/L	4/4/2011												<10
2,4-Dinitrotoluene	121-14-2	ug/L	10/15/2014										<10		
2,4-Dinitrotoluene	121-14-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2,4-Dinitrotoluene	121-14-2	ug/L	4/4/2016												<10.3
2,4-Dinitrotoluene	121-14-2	ug/L	4/17/2017						<11						
2,4-Dinitrotoluene	121-14-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2,4-Dinitrotoluene	121-14-2	ug/L	10/20/2021												<8
2,4-Dinitrotoluene	121-14-2	ug/L	5/2/2022						<8						
2,4-Dinitrotoluene	121-14-2	ug/L	4/23/2025							<10.4					
2,4-Dinitrotoluene	121-14-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2,4-Dinitrotoluene	121-14-2	ug/L	5/5/2025											<10.0	
2,4-Dinitrotoluene	121-14-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2,4-Dinitrotoluene	121-14-2	ug/L	5/7/2025								<10.6				
2,4-Dinitrotoluene	121-14-2	ug/L	10/21/2025					<10.4							
2,6-Dichlorophenol	87-65-0	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2,6-Dichlorophenol	87-65-0	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2,6-Dichlorophenol	87-65-0	ug/L	4/4/2011												<10
2,6-Dichlorophenol	87-65-0	ug/L	10/15/2014										<10		
2,6-Dichlorophenol	87-65-0	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2,6-Dichlorophenol	87-65-0	ug/L	4/4/2016												<10.3
2,6-Dichlorophenol	87-65-0	ug/L	4/17/2017						<11						
2,6-Dichlorophenol	87-65-0	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2,6-Dichlorophenol	87-65-0	ug/L	10/20/2021												<8
2,6-Dichlorophenol	87-65-0	ug/L	5/2/2022						<8						
2,6-Dichlorophenol	87-65-0	ug/L	4/23/2025							<10.4					
2,6-Dichlorophenol	87-65-0	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2,6-Dichlorophenol	87-65-0	ug/L	5/5/2025											<10.0	
2,6-Dichlorophenol	87-65-0	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2,6-Dichlorophenol	87-65-0	ug/L	5/7/2025								<10.6				
2,6-Dichlorophenol	87-65-0	ug/L	10/21/2025					<10.4							
2,6-Dinitrotoluene	606-20-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2,6-Dinitrotoluene	606-20-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2,6-Dinitrotoluene	606-20-2	ug/L	4/4/2011												<10
2,6-Dinitrotoluene	606-20-2	ug/L	10/15/2014										<10		
2,6-Dinitrotoluene	606-20-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2,6-Dinitrotoluene	606-20-2	ug/L	4/4/2016												<10.3
2,6-Dinitrotoluene	606-20-2	ug/L	4/17/2017						<11						
2,6-Dinitrotoluene	606-20-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2,6-Dinitrotoluene	606-20-2	ug/L	10/20/2021												<8
2,6-Dinitrotoluene	606-20-2	ug/L	5/2/2022						<8						
2,6-Dinitrotoluene	606-20-2	ug/L	4/23/2025							<10.4					
2,6-Dinitrotoluene	606-20-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2,6-Dinitrotoluene	606-20-2	ug/L	5/5/2025											<10.0	
2,6-Dinitrotoluene	606-20-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2,6-Dinitrotoluene	606-20-2	ug/L	5/7/2025								<10.6				
2,6-Dinitrotoluene	606-20-2	ug/L	10/21/2025					<10.4							
2-Acetylaminofluorene	53-96-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2-Acetylaminofluorene	53-96-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2-Acetylaminofluorene	53-96-3	ug/L	4/4/2011												<10
2-Acetylaminofluorene	53-96-3	ug/L	10/15/2014										<10		
2-Acetylaminofluorene	53-96-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2-Acetylaminofluorene	53-96-3	ug/L	4/4/2016												<10.3
2-Acetylaminofluorene	53-96-3	ug/L	4/17/2017						<11						
2-Acetylaminofluorene	53-96-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2-Acetylaminofluorene	53-96-3	ug/L	10/20/2021												<8
2-Acetylaminofluorene	53-96-3	ug/L	5/2/2022						<8						
2-Acetylaminofluorene	53-96-3	ug/L	4/23/2025							<10.4					
2-Acetylaminofluorene	53-96-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2-Acetylaminofluorene	53-96-3	ug/L	5/5/2025											<10.0	
2-Acetylaminofluorene	53-96-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2-Acetylaminofluorene	53-96-3	ug/L	5/7/2025								<10.6				
2-Acetylaminofluorene	53-96-3	ug/L	10/21/2025					<10.4							
2-Butanone (MEK)	78-93-3	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
2-Butanone (MEK)	78-93-3	ug/L	7/7/2009										<10	<10	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
2-Butanone (MEK)	78-93-3	ug/L	9/2/2009										<10	<10	
2-Butanone (MEK)	78-93-3	ug/L	10/25/2009	<10	<10	<10	<10		<10	<10	<10		<10	<10	
2-Butanone (MEK)	78-93-3	ug/L	1/2/2010										<10	<10	
2-Butanone (MEK)	78-93-3	ug/L	3/3/2010										<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	<10
2-Butanone (MEK)	78-93-3	ug/L	7/8/2010												<10
2-Butanone (MEK)	78-93-3	ug/L	9/13/2010												<10
2-Butanone (MEK)	78-93-3	ug/L	11/1/2010	<10	<10	<10	<10		<10	<10			<10	<10	
2-Butanone (MEK)	78-93-3	ug/L	4/4/2011												<10
2-Butanone (MEK)	78-93-3	ug/L	10/13/2011	<10	<10	<10	<10		<10	<10			<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	12/5/2011								<10				
2-Butanone (MEK)	78-93-3	ug/L	4/11/2012	<10	<10	<10	<10		<10	<10	<10		<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	6/25/2012								<10				
2-Butanone (MEK)	78-93-3	ug/L	8/1/2012								<10	<10			
2-Butanone (MEK)	78-93-3	ug/L	10/11/2012	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	12/13/2012								<10	<10			
2-Butanone (MEK)	78-93-3	ug/L	2/4/2013								<10	<10			
2-Butanone (MEK)	78-93-3	ug/L	3/30/2013	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/7/2013		<10	<10			<10	<10	<10	<10	<10		<10
2-Butanone (MEK)	78-93-3	ug/L	6/2/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/15/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/6/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/4/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/17/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/17/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/11/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/20/2018								<10				
2-Butanone (MEK)	78-93-3	ug/L	4/24/2018						<10	<10			<10		
2-Butanone (MEK)	78-93-3	ug/L	4/25/2018	<10	<10	<10	<10					<10		<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/16/2018	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/16/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/1/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	3/30/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/7/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Butanone (MEK)	78-93-3	ug/L	4/13/2021	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
2-Butanone (MEK)	78-93-3	ug/L	10/20/2021	<5				<5			<5				<5
2-Butanone (MEK)	78-93-3	ug/L	5/2/2022	<10				<10	<5		<10	<10			<10
2-Butanone (MEK)	78-93-3	ug/L	10/14/2022	<10				<10			<10				<10
2-Butanone (MEK)	78-93-3	ug/L	5/1/2023	<10				<10	<10		<10	<10		<10	<10
2-Butanone (MEK)	78-93-3	ug/L	10/16/2023	<10				<10			<10				<10
2-Butanone (MEK)	78-93-3	ug/L	4/29/2024	<10				<10			<10	<10			<10
2-Butanone (MEK)	78-93-3	ug/L	10/9/2024					<10.0							
2-Butanone (MEK)	78-93-3	ug/L	10/10/2024	<10.0											<10.0
2-Butanone (MEK)	78-93-3	ug/L	10/11/2024								<10.0				
2-Butanone (MEK)	78-93-3	ug/L	4/23/2025							<10.0					
2-Butanone (MEK)	78-93-3	ug/L	4/25/2025				<10.0	<10.0					<10.0		
2-Butanone (MEK)	78-93-3	ug/L	4/28/2025												<10.0
2-Butanone (MEK)	78-93-3	ug/L	4/30/2025									<10.0			
2-Butanone (MEK)	78-93-3	ug/L	5/5/2025											<10.0	
2-Butanone (MEK)	78-93-3	ug/L	5/6/2025	<10.0	<10.0	<10.0									
2-Butanone (MEK)	78-93-3	ug/L	5/7/2025								<10.0				
2-Butanone (MEK)	78-93-3	ug/L	10/20/2025	<10.0											
2-Butanone (MEK)	78-93-3	ug/L	10/21/2025					<10.0							
2-Butanone (MEK)	78-93-3	ug/L	10/23/2025								<10.0				
2-Butanone (MEK)	78-93-3	ug/L	5/4/2026	<10.0				<10.0				<10.0			
2-Butanone (MEK)	78-93-3	ug/L	5/6/2026								<10.0				
2-Butanone (MEK)	78-93-3	ug/L	5/12/2026												<10.0
2-Chloronaphthalene	91-58-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2-Chloronaphthalene	91-58-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2-Chloronaphthalene	91-58-7	ug/L	4/4/2011												<10
2-Chloronaphthalene	91-58-7	ug/L	10/15/2014										<10		
2-Chloronaphthalene	91-58-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2-Chloronaphthalene	91-58-7	ug/L	4/4/2016												<10.3
2-Chloronaphthalene	91-58-7	ug/L	4/17/2017						<11						
2-Chloronaphthalene	91-58-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2-Chloronaphthalene	91-58-7	ug/L	10/20/2021												<8
2-Chloronaphthalene	91-58-7	ug/L	5/2/2022						<8						
2-Chloronaphthalene	91-58-7	ug/L	4/23/2025							<10.4					
2-Chloronaphthalene	91-58-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2-Chloronaphthalene	91-58-7	ug/L	5/5/2025											<10.0	
2-Chloronaphthalene	91-58-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2-Chloronaphthalene	91-58-7	ug/L	5/7/2025								<10.6				
2-Chloronaphthalene	91-58-7	ug/L	10/21/2025					<10.4							
2-Chlorophenol	95-57-8	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2-Chlorophenol	95-57-8	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2-Chlorophenol	95-57-8	ug/L	4/4/2011												<10
2-Chlorophenol	95-57-8	ug/L	10/15/2014										<10		
2-Chlorophenol	95-57-8	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2-Chlorophenol	95-57-8	ug/L	4/4/2016												<10.3
2-Chlorophenol	95-57-8	ug/L	4/17/2017						<11						
2-Chlorophenol	95-57-8	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2-Chlorophenol	95-57-8	ug/L	10/20/2021												<8
2-Chlorophenol	95-57-8	ug/L	5/2/2022						<8						
2-Chlorophenol	95-57-8	ug/L	4/23/2025							<10.4					
2-Chlorophenol	95-57-8	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2-Chlorophenol	95-57-8	ug/L	5/5/2025											<10.0	
2-Chlorophenol	95-57-8	ug/L	5/6/2025	<10.4	<10.4	<10.4									

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
2-Chlorophenol	95-57-8	ug/L	5/7/2025								<10.6				
2-Chlorophenol	95-57-8	ug/L	10/21/2025					<10.4							
2-Hexanone	591-78-6	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10	<10	<10				
2-Hexanone	591-78-6	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
2-Hexanone	591-78-6	ug/L	7/7/2009										<10	<10	
2-Hexanone	591-78-6	ug/L	9/2/2009										<10	<10	
2-Hexanone	591-78-6	ug/L	10/25/2009	<10	<10	<10	<10		<10	<10	<10		<10	<10	
2-Hexanone	591-78-6	ug/L	1/2/2010										<10	<10	
2-Hexanone	591-78-6	ug/L	3/3/2010										<10	<10	<10
2-Hexanone	591-78-6	ug/L	5/10/2010	<10	<20	<20	<20		<20	<20	<20			<20	<20
2-Hexanone	591-78-6	ug/L	7/8/2010												<10
2-Hexanone	591-78-6	ug/L	9/13/2010												<10
2-Hexanone	591-78-6	ug/L	11/1/2010	<10	<10	<10	<10		<10	<10			<10	<10	
2-Hexanone	591-78-6	ug/L	4/4/2011												<10
2-Hexanone	591-78-6	ug/L	10/13/2011	<10	<10	<10	<10		<10	<10			<10	<10	<10
2-Hexanone	591-78-6	ug/L	12/5/2011								<10				
2-Hexanone	591-78-6	ug/L	4/11/2012	<10	<10	<10	<10		<10	<10	<10		<10	<10	<10
2-Hexanone	591-78-6	ug/L	6/25/2012								<10				
2-Hexanone	591-78-6	ug/L	8/1/2012								<10	<10			
2-Hexanone	591-78-6	ug/L	10/11/2012	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	12/13/2012								<10	<10			
2-Hexanone	591-78-6	ug/L	2/4/2013								<10	<10			
2-Hexanone	591-78-6	ug/L	3/30/2013	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/7/2013		<10	<10			<10	<10	<10	<10	<10		<10
2-Hexanone	591-78-6	ug/L	6/2/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/15/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/6/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/4/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/17/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/17/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/11/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/20/2018								<10				
2-Hexanone	591-78-6	ug/L	4/24/2018						<10	<10			<10		
2-Hexanone	591-78-6	ug/L	4/25/2018	<10	<10	<10	<10					<10		<10	<10
2-Hexanone	591-78-6	ug/L	10/16/2018	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/16/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/1/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	3/30/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/7/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	4/13/2021	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
2-Hexanone	591-78-6	ug/L	10/20/2021	<5				<5			<5				<5
2-Hexanone	591-78-6	ug/L	5/2/2022	<5				<5	<5		<5	<5			<5
2-Hexanone	591-78-6	ug/L	10/14/2022	<5				<5			<5				<5
2-Hexanone	591-78-6	ug/L	5/1/2023	<10				<10	<10		<10	<10		<10	<10
2-Hexanone	591-78-6	ug/L	10/16/2023	<10				<10			<10				<10
2-Hexanone	591-78-6	ug/L	4/29/2024	<10				<10			<10	<10			<10
2-Hexanone	591-78-6	ug/L	10/9/2024					<10.0							
2-Hexanone	591-78-6	ug/L	10/10/2024	<10.0											<10.0
2-Hexanone	591-78-6	ug/L	10/11/2024								<10.0				
2-Hexanone	591-78-6	ug/L	4/23/2025							<10.0					
2-Hexanone	591-78-6	ug/L	4/25/2025				<10.0	<10.0					<10.0		
2-Hexanone	591-78-6	ug/L	4/28/2025												<10.0
2-Hexanone	591-78-6	ug/L	4/30/2025									<10.0			
2-Hexanone	591-78-6	ug/L	5/5/2025											<10.0	
2-Hexanone	591-78-6	ug/L	5/6/2025	<10.0	<10.0	<10.0									
2-Hexanone	591-78-6	ug/L	5/7/2025								<10.0				
2-Hexanone	591-78-6	ug/L	10/20/2025	<10.0											
2-Hexanone	591-78-6	ug/L	10/21/2025					<10.0							
2-Hexanone	591-78-6	ug/L	10/23/2025								<10.0				
2-Hexanone	591-78-6	ug/L	5/4/2026	<10.0				<10.0				<10.0			
2-Hexanone	591-78-6	ug/L	5/6/2026								<10.0				
2-Hexanone	591-78-6	ug/L	5/12/2026												<10.0
2-Methylnaphthalene	91-57-6	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2-Methylnaphthalene	91-57-6	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2-Methylnaphthalene	91-57-6	ug/L	4/4/2011												<10
2-Methylnaphthalene	91-57-6	ug/L	10/15/2014										<10		
2-Methylnaphthalene	91-57-6	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2-Methylnaphthalene	91-57-6	ug/L	4/4/2016												<10.3
2-Methylnaphthalene	91-57-6	ug/L	4/17/2017						<11						
2-Methylnaphthalene	91-57-6	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2-Methylnaphthalene	91-57-6	ug/L	10/20/2021												<8
2-Methylnaphthalene	91-57-6	ug/L	5/2/2022						<8						
2-Methylnaphthalene	91-57-6	ug/L	4/23/2025							<10.4					
2-Methylnaphthalene	91-57-6	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2-Methylnaphthalene	91-57-6	ug/L	5/5/2025											<10.0	
2-Methylnaphthalene	91-57-6	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2-Methylnaphthalene	91-57-6	ug/L	5/7/2025								<10.6				
2-Methylnaphthalene	91-57-6	ug/L	10/21/2025					<10.4							
2-Methylphenol	95-48-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2-Methylphenol	95-48-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2-Methylphenol	95-48-7	ug/L	4/4/2011												<10
2-Methylphenol	95-48-7	ug/L	10/15/2014										<10		
2-Methylphenol	95-48-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
2-Methylphenol	95-48-7	ug/L	4/4/2016												<10.3
2-Methylphenol	95-48-7	ug/L	4/17/2017						<11						
2-Methylphenol	95-48-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2-Methylphenol	95-48-7	ug/L	10/20/2021												<8
2-Methylphenol	95-48-7	ug/L	5/2/2022						<8						
2-Methylphenol	95-48-7	ug/L	4/23/2025							<10.4					
2-Methylphenol	95-48-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2-Methylphenol	95-48-7	ug/L	5/5/2025											<10.0	
2-Methylphenol	95-48-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2-Methylphenol	95-48-7	ug/L	5/7/2025								<10.6				
2-Methylphenol	95-48-7	ug/L	10/21/2025					<10.4							
2-Naphthylamine	91-59-8	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2-Naphthylamine	91-59-8	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2-Naphthylamine	91-59-8	ug/L	4/4/2011												<10
2-Naphthylamine	91-59-8	ug/L	10/15/2014										<10		
2-Naphthylamine	91-59-8	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2-Naphthylamine	91-59-8	ug/L	4/4/2016												<10.3
2-Naphthylamine	91-59-8	ug/L	4/17/2017						<11						
2-Naphthylamine	91-59-8	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2-Naphthylamine	91-59-8	ug/L	10/20/2021												<8
2-Naphthylamine	91-59-8	ug/L	5/2/2022						<8						
2-Naphthylamine	91-59-8	ug/L	4/23/2025							<10.4					
2-Naphthylamine	91-59-8	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2-Naphthylamine	91-59-8	ug/L	5/5/2025											<10.0	
2-Naphthylamine	91-59-8	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2-Naphthylamine	91-59-8	ug/L	5/7/2025								<10.6				
2-Naphthylamine	91-59-8	ug/L	10/21/2025					<10.4							
2-Nitroaniline	88-74-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2-Nitroaniline	88-74-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2-Nitroaniline	88-74-4	ug/L	4/4/2011												<10
2-Nitroaniline	88-74-4	ug/L	10/15/2014										<10		
2-Nitroaniline	88-74-4	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2-Nitroaniline	88-74-4	ug/L	4/4/2016												<10.3
2-Nitroaniline	88-74-4	ug/L	4/17/2017						<11						
2-Nitroaniline	88-74-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2-Nitroaniline	88-74-4	ug/L	10/20/2021												<8
2-Nitroaniline	88-74-4	ug/L	5/2/2022						<8						
2-Nitroaniline	88-74-4	ug/L	4/23/2025							<10.4					
2-Nitroaniline	88-74-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2-Nitroaniline	88-74-4	ug/L	5/5/2025											<10.0	
2-Nitroaniline	88-74-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2-Nitroaniline	88-74-4	ug/L	5/7/2025								<10.6				
2-Nitroaniline	88-74-4	ug/L	10/21/2025					<10.4							
2-Nitrophenol	88-75-5	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
2-Nitrophenol	88-75-5	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
2-Nitrophenol	88-75-5	ug/L	4/4/2011												<10
2-Nitrophenol	88-75-5	ug/L	10/15/2014										<10		
2-Nitrophenol	88-75-5	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
2-Nitrophenol	88-75-5	ug/L	4/4/2016												<10.3
2-Nitrophenol	88-75-5	ug/L	4/17/2017						<11						
2-Nitrophenol	88-75-5	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
2-Nitrophenol	88-75-5	ug/L	10/20/2021												<8
2-Nitrophenol	88-75-5	ug/L	5/2/2022						<8						
2-Nitrophenol	88-75-5	ug/L	4/23/2025							<10.4					
2-Nitrophenol	88-75-5	ug/L	4/25/2025				<10.4	<10.6					<10.2		
2-Nitrophenol	88-75-5	ug/L	5/5/2025											<10.0	
2-Nitrophenol	88-75-5	ug/L	5/6/2025	<10.4	<10.4	<10.4									
2-Nitrophenol	88-75-5	ug/L	5/7/2025								<10.6				
2-Nitrophenol	88-75-5	ug/L	10/21/2025					<10.4							
3,3'-Dichlorobenzidine	91-94-1	ug/L	4/23/2025							<10.4					
3,3'-Dichlorobenzidine	91-94-1	ug/L	4/25/2025				<10.4	<10.6					<10.2		
3,3'-Dichlorobenzidine	91-94-1	ug/L	5/5/2025											<10.0	
3,3'-Dichlorobenzidine	91-94-1	ug/L	5/6/2025	<10.4	<10.4	<10.4									
3,3'-Dichlorobenzidine	91-94-1	ug/L	5/7/2025								<10.6				
3,3'-Dichlorobenzidine	91-94-1	ug/L	10/21/2025					<10.4							
3,3'-Dimethylbenzidine	119-93-7	ug/L	4/23/2025							<10.4					
3,3'-Dimethylbenzidine	119-93-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
3,3'-Dimethylbenzidine	119-93-7	ug/L	5/5/2025											<10.0	
3,3'-Dimethylbenzidine	119-93-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
3,3'-Dimethylbenzidine	119-93-7	ug/L	5/7/2025								<10.6				
3,3'-Dimethylbenzidine	119-93-7	ug/L	10/21/2025					<10.4							
3,3-Dichlorobenzidine	91-94-1	ug/L	4/14/2009	<85	<85	<85	<85		<85	<170	<85				
3,3-Dichlorobenzidine	91-94-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
3,3-Dichlorobenzidine	91-94-1	ug/L	4/4/2011												<10
3,3-Dichlorobenzidine	91-94-1	ug/L	10/15/2014										<50		
3,3-Dichlorobenzidine	91-94-1	ug/L	10/5/2015	<50	<51.5	<50	<50			<51.5	<53.8		<54.3	<50	
3,3-Dichlorobenzidine	91-94-1	ug/L	4/4/2016												<51.5
3,3-Dichlorobenzidine	91-94-1	ug/L	4/17/2017						<54.9						
3,3-Dichlorobenzidine	91-94-1	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
3,3-Dichlorobenzidine	91-94-1	ug/L	10/20/2021												<8
3,3-Dichlorobenzidine	91-94-1	ug/L	5/2/2022						<8						
3,3-Dimethylbenzidine	119-93-7	ug/L	4/14/2009	<20	<20	<20	<20		<20	<40	<20				
3,3-Dimethylbenzidine	119-93-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
3,3-Dimethylbenzidine	119-93-7	ug/L	4/4/2011												<10
3,3-Dimethylbenzidine	119-93-7	ug/L	10/15/2014										<10		
3,3-Dimethylbenzidine	119-93-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
3,3-Dimethylbenzidine	119-93-7	ug/L	4/4/2016												<10.3
3,3-Dimethylbenzidine	119-93-7	ug/L	4/17/2017						<11						

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
3,3-Dimethylbenzidine	119-93-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
3,3-Dimethylbenzidine	119-93-7	ug/L	10/20/2021												<8
3,3-Dimethylbenzidine	119-93-7	ug/L	5/2/2022						<8						
3-Methylcholanthrene	56-49-5	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
3-Methylcholanthrene	56-49-5	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
3-Methylcholanthrene	56-49-5	ug/L	4/4/2011												<10
3-Methylcholanthrene	56-49-5	ug/L	10/15/2014										<10		
3-Methylcholanthrene	56-49-5	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
3-Methylcholanthrene	56-49-5	ug/L	4/4/2016												<10.3
3-Methylcholanthrene	56-49-5	ug/L	4/17/2017						<11						
3-Methylcholanthrene	56-49-5	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
3-Methylcholanthrene	56-49-5	ug/L	10/20/2021												<8
3-Methylcholanthrene	56-49-5	ug/L	5/2/2022						<8						
3-Methylcholanthrene	56-49-5	ug/L	4/23/2025							<10.4					
3-Methylcholanthrene	56-49-5	ug/L	4/25/2025				<10.4	<10.6					<10.2		
3-Methylcholanthrene	56-49-5	ug/L	5/5/2025											<10.0	
3-Methylcholanthrene	56-49-5	ug/L	5/6/2025	<10.4	<10.4	<10.4									
3-Methylcholanthrene	56-49-5	ug/L	5/7/2025								<10.6				
3-Methylcholanthrene	56-49-5	ug/L	10/21/2025					<10.4							
3-Nitroaniline	99-09-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
3-Nitroaniline	99-09-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
3-Nitroaniline	99-09-2	ug/L	4/4/2011												<10
3-Nitroaniline	99-09-2	ug/L	10/15/2014										<10		
3-Nitroaniline	99-09-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
3-Nitroaniline	99-09-2	ug/L	4/4/2016												<10.3
3-Nitroaniline	99-09-2	ug/L	4/17/2017						<11						
3-Nitroaniline	99-09-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
3-Nitroaniline	99-09-2	ug/L	10/20/2021												<8
3-Nitroaniline	99-09-2	ug/L	5/2/2022						<8						
3-Nitroaniline	99-09-2	ug/L	4/23/2025							<10.4					
3-Nitroaniline	99-09-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
3-Nitroaniline	99-09-2	ug/L	5/5/2025											<10.0	
3-Nitroaniline	99-09-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
3-Nitroaniline	99-09-2	ug/L	5/7/2025								<10.6				
3-Nitroaniline	99-09-2	ug/L	10/21/2025					<10.4							
4,4'-DDD	72-54-8	ug/L	4/23/2025							<0.0904					
4,4'-DDD	72-54-8	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
4,4'-DDD	72-54-8	ug/L	5/5/2025											<0.0904	
4,4'-DDD	72-54-8	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
4,4'-DDD	72-54-8	ug/L	5/7/2025								<0.0897				
4,4'-DDD	72-54-8	ug/L	10/21/2025					<0.0900							
4,4'-DDE	72-55-9	ug/L	4/23/2025							<0.0904					
4,4'-DDE	72-55-9	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
4,4'-DDE	72-55-9	ug/L	5/5/2025											<0.0904	
4,4'-DDE	72-55-9	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
4,4'-DDE	72-55-9	ug/L	5/7/2025								<0.0897				
4,4'-DDE	72-55-9	ug/L	10/21/2025					<0.0900							
4,4'-DDT	50-29-3	ug/L	4/23/2025							<0.0904					
4,4'-DDT	50-29-3	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
4,4'-DDT	50-29-3	ug/L	5/5/2025											<0.0904	
4,4'-DDT	50-29-3	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
4,4'-DDT	50-29-3	ug/L	5/7/2025								<0.0897				
4,4'-DDT	50-29-3	ug/L	10/21/2025					<0.0900							
4,4`-DDD	72-54-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
4,4`-DDD	72-54-8	ug/L	7/7/2009			<0.032	<0.032								
4,4`-DDD	72-54-8	ug/L	9/2/2009				<0.032								
4,4`-DDD	72-54-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
4,4`-DDD	72-54-8	ug/L	4/4/2011												<0.032
4,4`-DDD	72-54-8	ug/L	10/15/2014										0.302		
4,4`-DDD	72-54-8	ug/L	4/6/2015										0.0308J		
4,4`-DDD	72-54-8	ug/L	6/10/2015										0.0337		
4,4`-DDD	72-54-8	ug/L	8/10/2015										<0.032		
4,4`-DDD	72-54-8	ug/L	9/14/2015										0.0263J		
4,4`-DDD	72-54-8	ug/L	10/5/2015	<0.032	<0.033	<0.032	0.0218J			<0.0323	<0.0327		<0.0381	<0.032	
4,4`-DDD	72-54-8	ug/L	4/4/2016										<0.032		0.00903J
4,4`-DDD	72-54-8	ug/L	10/17/2016										<0.032		
4,4`-DDD	72-54-8	ug/L	4/17/2017						<0.0337				<0.0327		
4,4`-DDD	72-54-8	ug/L	10/11/2017										0.0032J		
4,4`-DDD	72-54-8	ug/L	4/24/2018										<0.0333		
4,4`-DDD	72-54-8	ug/L	10/16/2018										<0.0333		
4,4`-DDD	72-54-8	ug/L	4/16/2019										<0.0327		
4,4`-DDD	72-54-8	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	0.0153J			<0.034	<0.033		<0.0337	<0.0337	
4,4`-DDD	72-54-8	ug/L	10/20/2021												<0.05
4,4`-DDD	72-54-8	ug/L	5/2/2022						<0.05						
4,4`-DDE	72-55-9	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
4,4`-DDE	72-55-9	ug/L	7/7/2009			<0.032	<0.032								
4,4`-DDE	72-55-9	ug/L	9/2/2009				<0.032								
4,4`-DDE	72-55-9	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
4,4`-DDE	72-55-9	ug/L	4/4/2011												<0.032
4,4`-DDE	72-55-9	ug/L	10/15/2014										0.0135J		
4,4`-DDE	72-55-9	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		<0.0381	<0.032	
4,4`-DDE	72-55-9	ug/L	4/4/2016												<0.0333
4,4`-DDE	72-55-9	ug/L	4/17/2017						<0.0337						
4,4`-DDE	72-55-9	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.0333			<0.034	<0.033		<0.0337	<0.0337	
4,4`-DDE	72-55-9	ug/L	10/20/2021												<0.05
4,4`-DDE	72-55-9	ug/L	5/2/2022						<0.05						
4,4`-DDT	50-29-3	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
4,4`-DDT	50-29-3	ug/L	7/7/2009			<0.032	<0.032								

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
4,4`-DDT	50-29-3	ug/L	9/2/2009				<0.032								
4,4`-DDT	50-29-3	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
4,4`-DDT	50-29-3	ug/L	4/4/2011												<0.032
4,4`-DDT	50-29-3	ug/L	10/15/2014										0.0398		
4,4`-DDT	50-29-3	ug/L	4/6/2015										<0.032		
4,4`-DDT	50-29-3	ug/L	6/10/2015										<0.032		
4,4`-DDT	50-29-3	ug/L	8/10/2015										<0.032		
4,4`-DDT	50-29-3	ug/L	9/14/2015										<0.032		
4,4`-DDT	50-29-3	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		<0.0381	<0.032	
4,4`-DDT	50-29-3	ug/L	4/4/2016										0.00895J		<0.0333
4,4`-DDT	50-29-3	ug/L	10/17/2016										<0.032		
4,4`-DDT	50-29-3	ug/L	4/17/2017						<0.0337				<0.0327		
4,4`-DDT	50-29-3	ug/L	10/11/2017										<0.0337		
4,4`-DDT	50-29-3	ug/L	4/24/2018										0.00411J		
4,4`-DDT	50-29-3	ug/L	10/16/2018										<0.0333		
4,4`-DDT	50-29-3	ug/L	10/1/2019										<0.0348		
4,4`-DDT	50-29-3	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.0333			<0.034	<0.033		<0.0337	<0.0337	
4,4`-DDT	50-29-3	ug/L	10/7/2020										<0.0356		
4,4`-DDT	50-29-3	ug/L	4/13/2021										<0.05		
4,4`-DDT	50-29-3	ug/L	10/20/2021												<0.05
4,4`-DDT	50-29-3	ug/L	5/2/2022						<0.05				<0.05		
4,4`-DDT	50-29-3	ug/L	5/1/2023										<0.0696		
4,4`-DDT	50-29-3	ug/L	4/29/2024										<0.08		
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/4/2011												<10
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/15/2014										<10		
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/4/2016												<10.3
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/17/2017						<11						
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/20/2021												<8
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/2/2022						<8						
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/23/2025							<10.4					
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	4/25/2025				<10.4	<10.6					<10.2		
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/5/2025											<10.0	
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/6/2025	<10.4	<10.4	<10.4									
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/7/2025								<10.6				
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	10/21/2025					<10.4							
4-Aminobiphenyl	92-67-1	ug/L	4/14/2009	<20	<20	<20	<20		<20	<40	<20				
4-Aminobiphenyl	92-67-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
4-Aminobiphenyl	92-67-1	ug/L	4/4/2011												<10
4-Aminobiphenyl	92-67-1	ug/L	10/15/2014										<10		
4-Aminobiphenyl	92-67-1	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
4-Aminobiphenyl	92-67-1	ug/L	4/4/2016												<10.3
4-Aminobiphenyl	92-67-1	ug/L	4/17/2017						<11						
4-Aminobiphenyl	92-67-1	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
4-Aminobiphenyl	92-67-1	ug/L	10/20/2021												<8
4-Aminobiphenyl	92-67-1	ug/L	5/2/2022						<8						
4-Aminobiphenyl	92-67-1	ug/L	4/23/2025							<10.4					
4-Aminobiphenyl	92-67-1	ug/L	4/25/2025				<10.4	<10.6					<10.2		
4-Aminobiphenyl	92-67-1	ug/L	5/5/2025											<10.0	
4-Aminobiphenyl	92-67-1	ug/L	5/6/2025	<10.4	<10.4	<10.4									
4-Aminobiphenyl	92-67-1	ug/L	5/7/2025								<10.6				
4-Aminobiphenyl	92-67-1	ug/L	10/21/2025					<10.4							
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/4/2011												<10
4-Bromophenyl phenyl ether	101-55-3	ug/L	10/15/2014										<10		
4-Bromophenyl phenyl ether	101-55-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/4/2016												<10.3
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/17/2017						<11						
4-Bromophenyl phenyl ether	101-55-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
4-Bromophenyl phenyl ether	101-55-3	ug/L	10/20/2021												<8
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/2/2022						<8						
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/23/2025							<10.4					
4-Bromophenyl phenyl ether	101-55-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/5/2025											<10.0	
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/7/2025								<10.6				
4-Bromophenyl phenyl ether	101-55-3	ug/L	10/21/2025					<10.4							
4-Chloro-3-methylphenol	59-50-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
4-Chloro-3-methylphenol	59-50-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
4-Chloro-3-methylphenol	59-50-7	ug/L	4/4/2011												<10
4-Chloro-3-methylphenol	59-50-7	ug/L	10/15/2014										<10		
4-Chloro-3-methylphenol	59-50-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
4-Chloro-3-methylphenol	59-50-7	ug/L	4/4/2016												<10.3
4-Chloro-3-methylphenol	59-50-7	ug/L	4/17/2017						<11						
4-Chloro-3-methylphenol	59-50-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
4-Chloro-3-methylphenol	59-50-7	ug/L	10/20/2021												<8
4-Chloro-3-methylphenol	59-50-7	ug/L	5/2/2022						<8						
4-Chloro-3-methylphenol	59-50-7	ug/L	4/23/2025							<10.4					
4-Chloro-3-methylphenol	59-50-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
4-Chloro-3-methylphenol	59-50-7	ug/L	5/5/2025											<10.0	
4-Chloro-3-methylphenol	59-50-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
4-Chloro-3-methylphenol	59-50-7	ug/L	5/7/2025								<10.6				
4-Chloro-3-methylphenol	59-50-7	ug/L	10/21/2025					<10.4							
4-Chloroaniline	106-47-8	ug/L	4/23/2025							<10.4					

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
4-Chloroaniline	106-47-8	ug/L	4/25/2025				<10.4	<10.6					<10.2		
4-Chloroaniline	106-47-8	ug/L	5/5/2025											<10.0	
4-Chloroaniline	106-47-8	ug/L	5/6/2025	<10.4	<10.4	<10.4									
4-Chloroaniline	106-47-8	ug/L	5/7/2025								<10.6				
4-Chloroaniline	106-47-8	ug/L	10/21/2025					<10.4							
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/4/2011												<10
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/15/2014										<10		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/4/2016												<10.3
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/17/2017						<11						
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/20/2021												<8
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/2/2022						<8						
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/23/2025							<10.4					
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/5/2025											<10.0	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/7/2025								<10.6				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	10/21/2025					<10.4							
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	7/7/2009										<10	<10	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	9/2/2009										<10	<10	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/25/2009	<10	<10	<10	<10		<10	<10	<10		<10	<10	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	1/2/2010										<10	<10	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	3/3/2010										<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	7/8/2010												<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	9/13/2010												<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	11/1/2010	<10	<10	<10	<10		<10	<10			<10	<10	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/4/2011												<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/13/2011	<10	<10	<10	<10		<10	<10			<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	12/5/2011								<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/11/2012	<10	<10	<10	<10		<10	<10	<10		<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	6/25/2012								<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	8/1/2012								<10	<10			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/11/2012	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	12/13/2012								<10	<10			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	2/4/2013								<10	<10			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	3/30/2013	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/7/2013		<10	<10			<10	<10	<10	<10	<10		<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	6/2/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/15/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/6/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/4/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/17/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/17/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/11/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/20/2018								<10				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/24/2018						<10	<10			<10		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/25/2018	<10	<10	<10	<10					<10		<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/16/2018	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/16/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/1/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	3/30/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/7/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/13/2021	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/20/2021	<5				<5			<5				<5
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/2/2022	<5				<5	<5		<5	<5			<5
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/14/2022	<5				<5			<5				<5
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/1/2023	<10				<10	<10		<10	<10		<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/16/2023	<10				<10			<10				<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/29/2024	<10				<10			<10	<10			<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/9/2024					<10.0							
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/10/2024	<10.0											<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/11/2024								<10.0				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/23/2025							<10.0					
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/25/2025				<10.0	<10.0					<10.0		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/28/2025												<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/30/2025									<10.0			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/5/2025											<10.0	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/6/2025	<10.0	<10.0	<10.0									
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/7/2025								<10.0				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/20/2025	<10.0											
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/21/2025					<10.0							
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/23/2025								<10.0				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/4/2026	<10.0				<10.0				<10.0			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/6/2026								<10.0				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/12/2026												<10.0
4-Nitroaniline	100-01-6	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
4-Nitroaniline	100-01-6	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
4-Nitroaniline	100-01-6	ug/L	4/4/2011												<10
4-Nitroaniline	100-01-6	ug/L	10/15/2014										<10		
4-Nitroaniline	100-01-6	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
4-Nitroaniline	100-01-6	ug/L	4/4/2016												<10.3
4-Nitroaniline	100-01-6	ug/L	4/17/2017						<11						
4-Nitroaniline	100-01-6	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
4-Nitroaniline	100-01-6	ug/L	10/20/2021												<8
4-Nitroaniline	100-01-6	ug/L	5/2/2022						<8						
4-Nitroaniline	100-01-6	ug/L	4/23/2025							<10.4					
4-Nitroaniline	100-01-6	ug/L	4/25/2025				<10.4	<10.6					<10.2		
4-Nitroaniline	100-01-6	ug/L	5/5/2025											<10.0	
4-Nitroaniline	100-01-6	ug/L	5/6/2025	<10.4	<10.4	<10.4									
4-Nitroaniline	100-01-6	ug/L	5/7/2025								<10.6				
4-Nitroaniline	100-01-6	ug/L	10/21/2025					<10.4							
4-Nitrophenol	100-02-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
4-Nitrophenol	100-02-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
4-Nitrophenol	100-02-7	ug/L	4/4/2011												<10
4-Nitrophenol	100-02-7	ug/L	10/15/2014										<10		
4-Nitrophenol	100-02-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
4-Nitrophenol	100-02-7	ug/L	4/4/2016												<10.3
4-Nitrophenol	100-02-7	ug/L	4/17/2017						<11						
4-Nitrophenol	100-02-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
4-Nitrophenol	100-02-7	ug/L	10/20/2021												<8
4-Nitrophenol	100-02-7	ug/L	5/2/2022						<8						
4-Nitrophenol	100-02-7	ug/L	4/23/2025							<10.4					
4-Nitrophenol	100-02-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
4-Nitrophenol	100-02-7	ug/L	5/5/2025											<10.0	
4-Nitrophenol	100-02-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
4-Nitrophenol	100-02-7	ug/L	5/7/2025								<10.6				
4-Nitrophenol	100-02-7	ug/L	10/21/2025					<10.4							
5-Nitro-o-toluidine	99-55-8	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
5-Nitro-o-toluidine	99-55-8	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
5-Nitro-o-toluidine	99-55-8	ug/L	4/4/2011												<10
5-Nitro-o-toluidine	99-55-8	ug/L	10/15/2014										<10		
5-Nitro-o-toluidine	99-55-8	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
5-Nitro-o-toluidine	99-55-8	ug/L	4/4/2016												<10.3
5-Nitro-o-toluidine	99-55-8	ug/L	4/17/2017						<11						
5-Nitro-o-toluidine	99-55-8	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
5-Nitro-o-toluidine	99-55-8	ug/L	10/20/2021												<8
5-Nitro-o-toluidine	99-55-8	ug/L	5/2/2022						<8						
5-Nitro-o-toluidine	99-55-8	ug/L	4/23/2025							<10.4					
5-Nitro-o-toluidine	99-55-8	ug/L	4/25/2025				<10.4	<10.6					<10.2		
5-Nitro-o-toluidine	99-55-8	ug/L	5/5/2025											<10.0	
5-Nitro-o-toluidine	99-55-8	ug/L	5/6/2025	<10.4	<10.4	<10.4									
5-Nitro-o-toluidine	99-55-8	ug/L	5/7/2025								<10.6				
5-Nitro-o-toluidine	99-55-8	ug/L	10/21/2025					<10.4							
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	4/23/2025							<10.4					
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	4/25/2025				<10.4	<10.6					<10.2		
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	5/5/2025											<10.0	
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	5/6/2025	<10.4	<10.4	<10.4									
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	5/7/2025								<10.6				
7,12-Dimethylbenz(a)anthracene	57-97-6	ug/L	10/21/2025					<10.4							
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	4/4/2011												<10
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	10/15/2014										<10		
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	4/4/2016												<10.3
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	4/17/2017						<11						
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	10/20/2021												<8
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	5/2/2022						<8						
Acenaphthene	83-32-9	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Acenaphthene	83-32-9	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Acenaphthene	83-32-9	ug/L	4/4/2011												<10
Acenaphthene	83-32-9	ug/L	10/15/2014										<10		
Acenaphthene	83-32-9	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Acenaphthene	83-32-9	ug/L	4/4/2016												<10.3
Acenaphthene	83-32-9	ug/L	4/17/2017						<11						
Acenaphthene	83-32-9	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Acenaphthene	83-32-9	ug/L	10/20/2021												<8
Acenaphthene	83-32-9	ug/L	5/2/2022						<8						
Acenaphthene	83-32-9	ug/L	4/23/2025							<10.4					
Acenaphthene	83-32-9	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Acenaphthene	83-32-9	ug/L	5/5/2025											<10.0	
Acenaphthene	83-32-9	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Acenaphthene	83-32-9	ug/L	5/7/2025								<10.6				
Acenaphthene	83-32-9	ug/L	10/21/2025					<10.4							
Acenaphthylene	208-96-8	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Acenaphthylene	208-96-8	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Acenaphthylene	208-96-8	ug/L	4/4/2011												<10
Acenaphthylene	208-96-8	ug/L	10/15/2014										<10		
Acenaphthylene	208-96-8	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Acenaphthylene	208-96-8	ug/L	4/4/2016												<10.3
Acenaphthylene	208-96-8	ug/L	4/17/2017						<11						
Acenaphthylene	208-96-8	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Acenaphthylene	208-96-8	ug/L	10/20/2021												<8
Acenaphthylene	208-96-8	ug/L	5/2/2022						<8						

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Acenaphthylene	208-96-8	ug/L	4/23/2025							<10.4					
Acenaphthylene	208-96-8	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Acenaphthylene	208-96-8	ug/L	5/5/2025											<10.0	
Acenaphthylene	208-96-8	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Acenaphthylene	208-96-8	ug/L	5/7/2025								<10.6				
Acenaphthylene	208-96-8	ug/L	10/21/2025					<10.4							
Acetone	67-64-1	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Acetone	67-64-1	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
Acetone	67-64-1	ug/L	7/7/2009										<10	<10	
Acetone	67-64-1	ug/L	9/2/2009										<10	<10	
Acetone	67-64-1	ug/L	10/25/2009	<10	<10	<10	<10		<10	<10	<10		<10	<10	
Acetone	67-64-1	ug/L	1/2/2010										<10	<10	
Acetone	67-64-1	ug/L	3/3/2010										<10	<10	<10
Acetone	67-64-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	<10
Acetone	67-64-1	ug/L	7/8/2010												<10
Acetone	67-64-1	ug/L	9/13/2010												<10
Acetone	67-64-1	ug/L	11/1/2010	<10	<10	<10	<10		<10	<10			<10	<10	
Acetone	67-64-1	ug/L	4/4/2011												<10
Acetone	67-64-1	ug/L	10/13/2011	<10	<10	<10	<10		<10	<10			<10	<10	<10
Acetone	67-64-1	ug/L	12/5/2011								<10				
Acetone	67-64-1	ug/L	4/11/2012	<10	<10	<10	<10		<10	<10	<10		<10	<10	<10
Acetone	67-64-1	ug/L	6/25/2012								<10				
Acetone	67-64-1	ug/L	8/1/2012								<10	<10			
Acetone	67-64-1	ug/L	10/11/2012	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	12/13/2012								<10	<10			
Acetone	67-64-1	ug/L	2/4/2013								<10	<10			
Acetone	67-64-1	ug/L	3/30/2013	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/7/2013		<10	<10			<10	<10	<10	<10	<10		<10
Acetone	67-64-1	ug/L	6/2/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/15/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	4/6/2015	<10	8.61J	<10	<10			<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	4/4/2016	<10	<10	<10	<10		<10	2.35J	5.1J	1.87J	3.36J	<10; 2.54J	<10
Acetone	67-64-1	ug/L	10/17/2016	<10	2.3J	2.41J	<10		<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	4/17/2017	<10	2.18J	<10	<10		<10	<10	<10	<10	<10	2.71J	3.02J
Acetone	67-64-1	ug/L	10/11/2017	3.87J	4.04J	2.31J; 4.81J	3.79J		4.53J	2.46J	2.17J	4.24J	2.82J	3.08J	5.74J
Acetone	67-64-1	ug/L	4/20/2018								<10				
Acetone	67-64-1	ug/L	4/24/2018						2.29J	2.35J			2.11J		
Acetone	67-64-1	ug/L	4/25/2018	2.92J	2.52J	<10	30.3					<10		3.18J	2.59J; 3.32J
Acetone	67-64-1	ug/L	10/16/2018	<10	3.16J	<10	3.15J		4J	<10	<10	<10	<10	<10	6.86J
Acetone	67-64-1	ug/L	4/16/2019	<10	<10	<10	4.31J		<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/1/2019	<10	3.32J	4.67J	4.41J		<10	3.22J	<10	<10	3.6J	<10	4.5J
Acetone	67-64-1	ug/L	3/30/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/7/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	4/13/2021	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	10/20/2021	<10				<10			<10				<10
Acetone	67-64-1	ug/L	5/2/2022	<10				<10	<10		<10	<10			<10
Acetone	67-64-1	ug/L	10/14/2022	<10				<10			<10				<10
Acetone	67-64-1	ug/L	5/1/2023	<10				<10	<10		<10	<10		<10	<10
Acetone	67-64-1	ug/L	10/16/2023	<10				<10			<10				10.2
Acetone	67-64-1	ug/L	4/29/2024	<10				<10			<10	<10			<10
Acetone	67-64-1	ug/L	10/9/2024					<10.0							
Acetone	67-64-1	ug/L	10/10/2024	<10.0											<10.0
Acetone	67-64-1	ug/L	10/11/2024								<10.0				
Acetone	67-64-1	ug/L	4/23/2025							<10.0					
Acetone	67-64-1	ug/L	4/25/2025				<10.0	<10.0					<10.0		
Acetone	67-64-1	ug/L	4/28/2025												<10.0
Acetone	67-64-1	ug/L	4/30/2025									<10.0			
Acetone	67-64-1	ug/L	5/5/2025											<10.0	
Acetone	67-64-1	ug/L	5/6/2025	<10.0	<10.0	<10.0									
Acetone	67-64-1	ug/L	5/7/2025								<10.0				
Acetone	67-64-1	ug/L	10/20/2025	<10.0											
Acetone	67-64-1	ug/L	10/21/2025					<10.0							
Acetone	67-64-1	ug/L	10/23/2025								<10.0				
Acetone	67-64-1	ug/L	5/4/2026	<10.0				<10.0				<10.0			
Acetone	67-64-1	ug/L	5/6/2026								<10.0				
Acetone	67-64-1	ug/L	5/12/2026												<10.0
Acetonitrile	75-05-8	mg/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
Acetonitrile	75-05-8	mg/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Acetonitrile	75-05-8	mg/L	4/4/2011												<10
Acetonitrile	75-05-8	mg/L	10/15/2014										<10		
Acetonitrile	75-05-8	mg/L	10/5/2015	<10	<10	<10	<10			<10	<10		<10	<10	
Acetonitrile	75-05-8	mg/L	4/4/2016												<10
Acetonitrile	75-05-8	mg/L	4/17/2017						<10						
Acetonitrile	75-05-8	mg/L	3/30/2020	<10	<10	<10	<10			<10	<10		<10	<10	
Acetonitrile	75-05-8	mg/L	10/20/2021												<0.01
Acetonitrile	75-05-8	mg/L	5/2/2022						<0.01						
Acetonitrile	75-05-8	mg/L	4/23/2025							<10.0					
Acetonitrile	75-05-8	mg/L	4/25/2025				<10.0	<10.0					<10.0		
Acetonitrile	75-05-8	mg/L	5/5/2025											5.45	
Acetonitrile	75-05-8	mg/L	5/6/2025	<10.0	<10.0	<10.0									
Acetonitrile	75-05-8	mg/L	5/7/2025								<10.0				
Acetonitrile	75-05-8	mg/L	10/21/2025					<10.0							
Acetophenone	98-86-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Acetophenone	98-86-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Acetophenone	98-86-2	ug/L	4/4/2011												<10
Acetophenone	98-86-2	ug/L	10/15/2014										<10		
Acetophenone	98-86-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Acetophenone	98-86-2	ug/L	4/4/2016												<10.3
Acetophenone	98-86-2	ug/L	4/17/2017						<11						
Acetophenone	98-86-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Acetophenone	98-86-2	ug/L	10/20/2021												<8
Acetophenone	98-86-2	ug/L	5/2/2022						<8						
Acetophenone	98-86-2	ug/L	4/23/2025							<10.4					
Acetophenone	98-86-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Acetophenone	98-86-2	ug/L	5/5/2025											<10.0	
Acetophenone	98-86-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Acetophenone	98-86-2	ug/L	5/7/2025								<10.6				
Acetophenone	98-86-2	ug/L	10/21/2025					<10.4							
Acrolein	107-02-8	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
Acrolein	107-02-8	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Acrolein	107-02-8	ug/L	4/4/2011												<10
Acrolein	107-02-8	ug/L	10/15/2014										<10		
Acrolein	107-02-8	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10		<10	<10	
Acrolein	107-02-8	ug/L	4/4/2016												<10
Acrolein	107-02-8	ug/L	4/17/2017						<10						
Acrolein	107-02-8	ug/L	3/30/2020	<10	<10	<10	<10			<10	<10		<10	<10	
Acrolein	107-02-8	ug/L	10/20/2021												<10
Acrolein	107-02-8	ug/L	5/2/2022						<10						
Acrolein	107-02-8	ug/L	4/23/2025							<10.0					
Acrolein	107-02-8	ug/L	4/25/2025				<10.0	<10.0					<10.0		
Acrolein	107-02-8	ug/L	5/5/2025											<10.0	
Acrolein	107-02-8	ug/L	5/6/2025	<10.0	<10.0	<10.0									
Acrolein	107-02-8	ug/L	5/7/2025								<10.0				
Acrolein	107-02-8	ug/L	10/21/2025					<10.0							
Acrylonitrile	107-13-1	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
Acrylonitrile	107-13-1	ug/L	7/7/2009										<10	<10	
Acrylonitrile	107-13-1	ug/L	9/2/2009										<10	<10	
Acrylonitrile	107-13-1	ug/L	10/25/2009	<10	<10	<10	<10		<10	<10	<10		<10	<10	
Acrylonitrile	107-13-1	ug/L	1/2/2010										<10	<10	
Acrylonitrile	107-13-1	ug/L	3/3/2010										<10	<10	<10
Acrylonitrile	107-13-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	<10
Acrylonitrile	107-13-1	ug/L	7/8/2010												<10
Acrylonitrile	107-13-1	ug/L	9/13/2010												<10
Acrylonitrile	107-13-1	ug/L	11/1/2010	<10	<10	<10	<10		<10	<10			<10	<10	
Acrylonitrile	107-13-1	ug/L	4/4/2011												<10
Acrylonitrile	107-13-1	ug/L	10/13/2011	<10	<10	<10	<10		<10	<10			<10	<10	<10
Acrylonitrile	107-13-1	ug/L	12/5/2011								<10				
Acrylonitrile	107-13-1	ug/L	4/11/2012	<10	<10	<10	<10		<10	<10	<10		<10	<10	<10
Acrylonitrile	107-13-1	ug/L	6/25/2012								<10				
Acrylonitrile	107-13-1	ug/L	8/1/2012								<10	<10			
Acrylonitrile	107-13-1	ug/L	10/11/2012	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	12/13/2012								<10	<10			
Acrylonitrile	107-13-1	ug/L	2/4/2013								<10	<10			
Acrylonitrile	107-13-1	ug/L	3/30/2013	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	10/7/2013		<10	<10			<10	<10	<10	<10	<10		<10
Acrylonitrile	107-13-1	ug/L	6/2/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	10/15/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	4/6/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	4/4/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	10/17/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Acrylonitrile	107-13-1	ug/L	4/17/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/11/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	4/20/2018								<5				
Acrylonitrile	107-13-1	ug/L	4/24/2018						<5	<5			<5		
Acrylonitrile	107-13-1	ug/L	4/25/2018	<5	<5	<5	<5					<5		<5	<5
Acrylonitrile	107-13-1	ug/L	10/16/2018	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	4/16/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/1/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	3/30/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/7/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	4/13/2021	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/20/2021	<5				<5			<5				<5
Acrylonitrile	107-13-1	ug/L	5/2/2022	<5				<5	<5		<5	<5			<5
Acrylonitrile	107-13-1	ug/L	10/14/2022	<5				<5			<5				<5
Acrylonitrile	107-13-1	ug/L	5/1/2023	<5				<5	<5		<5	<5		<5	<5
Acrylonitrile	107-13-1	ug/L	10/16/2023	<5				<5			<5				<5
Acrylonitrile	107-13-1	ug/L	4/29/2024	<5				<5			<5	<5			<5
Acrylonitrile	107-13-1	ug/L	10/9/2024					<5.00							
Acrylonitrile	107-13-1	ug/L	10/10/2024	<5.00											<5.00
Acrylonitrile	107-13-1	ug/L	10/11/2024								<5.00				
Acrylonitrile	107-13-1	ug/L	4/23/2025							<5.00					
Acrylonitrile	107-13-1	ug/L	4/25/2025				<5.00	<5.00					<5.00		
Acrylonitrile	107-13-1	ug/L	4/28/2025												<5.00
Acrylonitrile	107-13-1	ug/L	4/30/2025									<5.00			
Acrylonitrile	107-13-1	ug/L	5/5/2025											<5.00	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Acrylonitrile	107-13-1	ug/L	5/6/2025	<5.00	<5.00	<5.00									
Acrylonitrile	107-13-1	ug/L	5/7/2025								<5.00				
Acrylonitrile	107-13-1	ug/L	10/20/2025	<5.00											
Acrylonitrile	107-13-1	ug/L	10/21/2025					<5.00							
Acrylonitrile	107-13-1	ug/L	10/23/2025								<5.00				
Acrylonitrile	107-13-1	ug/L	5/4/2026	<5.00				<5.00				<5.00			
Acrylonitrile	107-13-1	ug/L	5/6/2026								<5.00				
Acrylonitrile	107-13-1	ug/L	5/12/2026												<5.00
Aldrin	309-00-2	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Aldrin	309-00-2	ug/L	7/7/2009			<0.032	<0.032								
Aldrin	309-00-2	ug/L	9/2/2009				<0.032								
Aldrin	309-00-2	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Aldrin	309-00-2	ug/L	4/4/2011												<0.032
Aldrin	309-00-2	ug/L	10/15/2014										0.0114J		
Aldrin	309-00-2	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		<0.0381	<0.032	
Aldrin	309-00-2	ug/L	4/4/2016												<0.0333
Aldrin	309-00-2	ug/L	4/17/2017						<0.0337						
Aldrin	309-00-2	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.00469			<0.00479	<0.033		<0.00474	<0.00474	
Aldrin	309-00-2	ug/L	10/20/2021												<0.05
Aldrin	309-00-2	ug/L	5/2/2022						<0.05						
Aldrin	309-00-2	ug/L	4/23/2025							<0.0904					
Aldrin	309-00-2	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
Aldrin	309-00-2	ug/L	5/5/2025											<0.0904	
Aldrin	309-00-2	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
Aldrin	309-00-2	ug/L	5/7/2025								<0.0897				
Aldrin	309-00-2	ug/L	10/21/2025					<0.0900							
Alkalinity, Phenol [CaCO3]	PALK	mg/L	6/2/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Alkalinity, Phenol [CaCO3]	PALK	mg/L	10/15/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Alkalinity, Total [CaCO3]	TALK	mg/L	6/2/2014	475	330	480	675		516	480	330	134	826	335	521
Alkalinity, Total [CaCO3]	TALK	mg/L	10/15/2014	526	299	459	774		501	501	341	123	834	294	518
Alkalinity, Total [CaCO3]	TALK	mg/L	3/30/2020										484		
Allyl Chloride	107-05-1	ug/L	4/14/2009	<2	<2	<2	<2		<2	<2	<2				
Allyl Chloride	107-05-1	ug/L	5/10/2010	<2	<2	<2	<2		<2	<2	<2			<2	
Allyl Chloride	107-05-1	ug/L	4/4/2011												<5
Allyl Chloride	107-05-1	ug/L	10/15/2014										<2		
Allyl Chloride	107-05-1	ug/L	10/5/2015	<2	<2	<2	<2			<2	<2		<2	<2	
Allyl Chloride	107-05-1	ug/L	4/4/2016												<2
Allyl Chloride	107-05-1	ug/L	4/17/2017						<2						
Allyl Chloride	107-05-1	ug/L	3/30/2020	<2	<2	<2	<2			<2	<2		<2	<2	
Allyl Chloride	107-05-1	ug/L	10/20/2021												<1
Allyl Chloride	107-05-1	ug/L	5/2/2022						<1						
Allyl chloride	107-05-1	ug/L	4/23/2025							<2.00					
Allyl chloride	107-05-1	ug/L	4/25/2025				<2.00	<2.00					<2.00		
Allyl chloride	107-05-1	ug/L	5/5/2025											<2.00	
Allyl chloride	107-05-1	ug/L	5/6/2025	<2.00	<2.00	<2.00									
Allyl chloride	107-05-1	ug/L	5/7/2025								<2.00				
Allyl chloride	107-05-1	ug/L	10/21/2025					<2.00							
Alpha-BHC	319-84-6	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Alpha-BHC	319-84-6	ug/L	7/7/2009			<0.032	<0.032								
Alpha-BHC	319-84-6	ug/L	9/2/2009				<0.032								
Alpha-BHC	319-84-6	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Alpha-BHC	319-84-6	ug/L	4/4/2011												<0.032
Alpha-BHC	319-84-6	ug/L	10/15/2014										<0.032		
Alpha-BHC	319-84-6	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		<0.0381	<0.032	
Alpha-BHC	319-84-6	ug/L	4/4/2016												<0.0333
Alpha-BHC	319-84-6	ug/L	4/17/2017						<0.0337						
Alpha-BHC	319-84-6	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.0333			0.00354J	<0.033		<0.0337	<0.0337	
Alpha-BHC	319-84-6	ug/L	10/20/2021												<0.05
Alpha-BHC	319-84-6	ug/L	5/2/2022						<0.05						
Ammonia as N	7664-41-7	mg/L	4/6/2015	0.315	0.125J	0.919	3.75	<0.2	<0.2	0.171J	<0.2	<0.2	1.39	<0.2	<0.2
Ammonia as N	7664-41-7	mg/L	10/5/2015	0.335	0.086J	1.07	5.22	<0.2	<0.2	0.18J	<0.2	<0.2	0.197J	<0.2	<0.2
Ammonia as N	7664-41-7	mg/L	4/4/2016	0.313	<0.2	1.07	3.77	<0.2	<0.2	0.178J	<0.2	<0.2	2.18	<0.2	<0.2
Ammonia as N	7664-41-7	mg/L	10/17/2016	0.404	0.347	1.06	4.35	<0.2	0.112J	0.273	<0.2	<0.2	0.627	<0.2	<0.2
Anthracene	120-12-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Anthracene	120-12-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Anthracene	120-12-7	ug/L	4/4/2011												<10
Anthracene	120-12-7	ug/L	10/15/2014										<10		
Anthracene	120-12-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Anthracene	120-12-7	ug/L	4/4/2016												<10.3
Anthracene	120-12-7	ug/L	4/17/2017						<11						
Anthracene	120-12-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Anthracene	120-12-7	ug/L	10/20/2021												<8
Anthracene	120-12-7	ug/L	5/2/2022						<8						
Anthracene	120-12-7	ug/L	4/23/2025							<10.4					
Anthracene	120-12-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Anthracene	120-12-7	ug/L	5/5/2025											<10.0	
Anthracene	120-12-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Anthracene	120-12-7	ug/L	5/7/2025								<10.6				
Anthracene	120-12-7	ug/L	10/21/2025					<10.4							
Antimony	7440-36-0	mg/L	2/27/2008	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	5/12/2008	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	7/13/2008	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	9/14/2008	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	11/17/2008	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	4/14/2009	<0.006	<0.006	<0.006	<0.006		<0.006	<0.006	<0.006				
Antimony	7440-36-0	mg/L	7/7/2009										<0.006	<0.006	
Antimony	7440-36-0	mg/L	9/2/2009										<0.006	<0.006	
Antimony	7440-36-0	mg/L	10/25/2009	<0.006	<0.006	<0.006	<0.006		<0.006	<0.006	<0.006		<0.006	<0.006	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Antimony	7440-36-0	mg/L	1/2/2010										<0.006	<0.006	
Antimony	7440-36-0	mg/L	3/3/2010										<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	5/10/2010	<0.002	<0.002	<0.002	<0.01		<0.002	<0.002	<0.002			<0.002	<0.002
Antimony	7440-36-0	mg/L	7/8/2010												<0.006
Antimony	7440-36-0	mg/L	9/13/2010												<0.006
Antimony	7440-36-0	mg/L	11/1/2010	<0.006	<0.006	<0.006	<0.012		<0.006	<0.006			<0.006	<0.006	
Antimony	7440-36-0	mg/L	4/4/2011		<0.006	<0.006	<0.006		<0.006	<0.006					<0.006
Antimony	7440-36-0	mg/L	10/13/2011		<0.006	<0.006	<0.006		<0.006	<0.006			<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	12/5/2011								<0.006				
Antimony	7440-36-0	mg/L	4/11/2012	<0.006	<0.006	<0.006	<0.006		<0.006	<0.006	<0.006		<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	6/25/2012								<0.006				
Antimony	7440-36-0	mg/L	8/1/2012								<0.006	<0.006			
Antimony	7440-36-0	mg/L	10/11/2012	<0.006	<0.012	<0.006	<0.012		<0.006	<0.012	<0.006	<0.006	<0.006	<0.012	<0.012
Antimony	7440-36-0	mg/L	12/13/2012								<0.006	<0.006			
Antimony	7440-36-0	mg/L	3/30/2013	<0.006	<0.006	<0.006	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	10/7/2013	<0.006	<0.006	<0.006	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	6/2/2014	<0.006	<0.006	<0.006	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	10/15/2014	<0.006	<0.006	<0.006	<0.006		<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Antimony	7440-36-0	mg/L	4/6/2015	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	0.000163J	<0.001	<0.001	<0.001
Antimony	7440-36-0	mg/L	10/5/2015	<0.001	0.00023J	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	0.000173J	<0.001
Antimony	7440-36-0	mg/L	4/4/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Antimony	7440-36-0	mg/L	10/17/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Antimony	7440-36-0	mg/L	4/17/2017	<0.001	0.000201J	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Antimony	7440-36-0	mg/L	10/11/2017	<0.001	0.000273J	<0.001	0.000221J		<0.001	<0.001	<0.001	<0.001	0.000239J	<0.001	0.00022J
Antimony	7440-36-0	mg/L	4/20/2018								<0.001				
Antimony	7440-36-0	mg/L	4/24/2018						<0.001	<0.001			<0.001		
Antimony	7440-36-0	mg/L	4/25/2018	<0.001	<0.001	<0.004	<0.001					<0.001		<0.001	<0.001
Antimony	7440-36-0	mg/L	10/16/2018	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Antimony	7440-36-0	mg/L	4/16/2019	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Antimony	7440-36-0	mg/L	10/1/2019	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Antimony	7440-36-0	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Antimony	7440-36-0	mg/L	10/7/2020	0.000586J	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Antimony	7440-36-0	mg/L	4/13/2021	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	0.001J	<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	10/20/2021	<0.002				<0.002			0.0005J; 0.0012J				<0.002
Antimony	7440-36-0	mg/L	5/2/2022	<0.002				<0.002	<0.002		0.0005J	0.0005J			<0.002
Antimony	7440-36-0	mg/L	10/14/2022	<0.002				<0.002			<0.002				<0.002
Antimony	7440-36-0	mg/L	5/1/2023	<0.002				<0.002			<0.002	<0.002			<0.002
Antimony	7440-36-0	mg/L	10/16/2023	<0.002				<0.002			<0.002				<0.002
Antimony	7440-36-0	mg/L	4/29/2024	<0.002				<0.002			<0.002	<0.002			<0.008
Antimony	7440-36-0	mg/L	10/9/2024					<0.00200							
Antimony	7440-36-0	mg/L	10/10/2024	<0.00200											<0.00200
Antimony	7440-36-0	mg/L	10/11/2024								<0.00200				
Antimony	7440-36-0	mg/L	4/23/2025							<0.00200					
Antimony	7440-36-0	mg/L	4/25/2025				<0.00200	<0.00200					<0.00200		
Antimony	7440-36-0	mg/L	4/28/2025												<0.0100
Antimony	7440-36-0	mg/L	4/30/2025									<0.00200			
Antimony	7440-36-0	mg/L	5/5/2025											<0.00200	
Antimony	7440-36-0	mg/L	5/6/2025	<0.00200	<0.00200	<0.00200									
Antimony	7440-36-0	mg/L	5/7/2025								<0.00200				
Antimony	7440-36-0	mg/L	10/20/2025	<0.00200											
Antimony	7440-36-0	mg/L	10/21/2025					<0.00200							
Antimony	7440-36-0	mg/L	10/23/2025								<0.00200				
Antimony	7440-36-0	mg/L	5/4/2026	<0.00100				<0.00100				<0.00100			
Antimony	7440-36-0	mg/L	5/6/2026								<0.00100				
Antimony	7440-36-0	mg/L	5/12/2026												<0.00100
Arsenic	7440-38-2	mg/L	2/27/2008	<0.001	<0.001	0.005	0.03	<0.001	0.012	0.002	0.012				
Arsenic	7440-38-2	mg/L	5/12/2008	<0.001	<0.001	0.012	0.041	<0.001	0.01	0.002	<0.001				
Arsenic	7440-38-2	mg/L	7/13/2008	<0.001	0.002	0.005	0.029	<0.001	0.01	0.002	0.007				
Arsenic	7440-38-2	mg/L	9/14/2008	<0.001	0.001	0.006	0.08	<0.001	0.013	0.002	<0.001				
Arsenic	7440-38-2	mg/L	11/17/2008	<0.001	0.00173	0.00236	0.0498	<0.001	0.0127	0.00204	<0.001				
Arsenic	7440-38-2	mg/L	4/14/2009	<0.001	0.0017	0.0067; 0.0068	0.036		0.0092	0.0025	<0.001				
Arsenic	7440-38-2	mg/L	7/7/2009		0.001	0.0044; 0.0038	0.021		0.0074	0.0024			0.003	0.0024	
Arsenic	7440-38-2	mg/L	9/2/2009		0.0029	0.007; 0.0077	0.033		0.01	0.0037			0.0027	0.0018	
Arsenic	7440-38-2	mg/L	10/25/2009	0.0013	0.0018	0.0072	0.03		0.012	0.003	<0.001		0.0032	0.0024	
Arsenic	7440-38-2	mg/L	1/2/2010		0.0044	0.0051; 0.0048	0.025		0.01	0.0041; 0.0044			0.0055	0.0017	
Arsenic	7440-38-2	mg/L	3/3/2010										0.011	0.0022	0.0056
Arsenic	7440-38-2	mg/L	5/10/2010	0.0029	0.0013	0.004	0.025		0.011	0.0056	<0.001			0.0034	0.0065
Arsenic	7440-38-2	mg/L	7/8/2010										0.011	0.0025	0.006
Arsenic	7440-38-2	mg/L	9/13/2010										0.0067	0.0021	0.0019
Arsenic	7440-38-2	mg/L	11/1/2010										0.0025	0.0012	
Arsenic	7440-38-2	mg/L	1/10/2011										0.00239	<0.001	
Arsenic	7440-38-2	mg/L	4/4/2011										0.0074	<0.001; 0.0019	<0.001
Arsenic	7440-38-2	mg/L	7/8/2011												0.0013
Arsenic	7440-38-2	mg/L	8/11/2011												0.0102
Arsenic	7440-38-2	mg/L	10/13/2011		0.00151	0.00264	0.0361		0.0105	0.00674			0.00617	<0.001	0.00185
Arsenic	7440-38-2	mg/L	12/5/2011								<0.001				<0.002
Arsenic	7440-38-2	mg/L	4/11/2012	<0.002	<0.001	0.00172	0.0195		0.00807	0.00451	<0.001		0.00222	<0.001	<0.001
Arsenic	7440-38-2	mg/L	6/25/2012								<0.001				
Arsenic	7440-38-2	mg/L	8/1/2012								<0.001	0.00229			
Arsenic	7440-38-2	mg/L	10/11/2012	<0.001	<0.001	0.00175	0.14		0.00907	0.00777	<0.001	<0.001	0.00318	<0.001	0.0185
Arsenic	7440-38-2	mg/L	12/13/2012								<0.001	<0.001			
Arsenic	7440-38-2	mg/L	3/30/2013	<0.001	0.00118	0.00163	0.0204		0.00507	0.00266	<0.001	<0.001	0.00137	<0.001	<0.001
Arsenic	7440-38-2	mg/L	10/7/2013	<0.001	<0.001	0.00232	0.0121		0.00593	0.0024	<0.001	<0.001	0.00274	0.00103	<0.001
Arsenic	7440-38-2	mg/L	6/2/2014	<0.001	0.000659J	0.00309	0.0224	0.00028J	0.00692	0.00273	0.00149	0.000446J	0.00228	<0.001	0.00115
Arsenic	7440-38-2	mg/L	10/15/2014	<0.001	<0.001	0.00175	0.027	<0.001	0.00851	0.00493	0.00115	<0.001	<0.001	<0.001	<0.001
Arsenic	7440-38-2	mg/L	4/6/2015	<0.002	0.00115J	0.00241	0.0191	<0.002	0.00613	0.0034	<0.002	<0.002	0.00152J	<0.002	<0.002
Arsenic	7440-38-2	mg/L	10/5/2015	<0.002	0.00156J	0.00257	0.0223	<0.002	0.00664	0.00439	0.00165J	<0.002	0.00127J	0.00249	<0.002
Arsenic	7440-38-2	mg/L	4/4/2016	<0.002	0.000753J	0.002	0.0145	<0.002	0.00528	0.00405	0.000891J	<0.002	0.00119J	<0.002	<0.002

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Arsenic	7440-38-2	mg/L	10/17/2016	<0.002	0.00244	0.00241	0.0176	<0.002	0.00587	0.00455; 0.00542	0.00265	<0.002	0.00128J	0.00432	0.00281
Arsenic	7440-38-2	mg/L	4/17/2017	<0.002	0.00108J	0.00712; 0.00314	0.0189	<0.002	0.00156J	0.00266	<0.002	<0.002	<0.002	0.00267	<0.002
Arsenic	7440-38-2	mg/L	10/11/2017	<0.002	0.00322	0.00272; 0.00255	0.0232	<0.002	0.00123J	0.00324	0.00109J	<0.002	0.00373	0.000865J	0.000963J
Arsenic	7440-38-2	mg/L	4/20/2018								0.000968J				
Arsenic	7440-38-2	mg/L	4/24/2018					<0.002	0.00181J	0.00134J			0.00647		
Arsenic	7440-38-2	mg/L	4/25/2018	0.00126J	0.00164J	0.00737J	0.0365					<0.002		0.00152J	0.000796J; 0.000802J
Arsenic	7440-38-2	mg/L	10/16/2018	0.000568J	0.00121	0.00285; 0.00331	0.0174	<0.002	0.00145	0.00723	0.00377	0.00466	0.00917	0.00115	0.00223
Arsenic	7440-38-2	mg/L	4/16/2019	<0.002	0.000766J	0.00856	0.0105	<0.002	<0.002	0.00109J	<0.002	<0.002	0.0119	0.00248	0.00205
Arsenic	7440-38-2	mg/L	10/1/2019	<0.002	0.00132J	0.00375	0.0185	<0.002	0.00085J	0.00241	<0.002	<0.002	0.0151	0.00111J	0.00106J
Arsenic	7440-38-2	mg/L	3/30/2020	<0.002	<0.002	0.00768	0.0149	<0.002	<0.002	0.00183J	<0.002	<0.002	0.0149	0.00382	0.00351; 0.00273
Arsenic	7440-38-2	mg/L	10/7/2020	<0.002	0.00125J	0.00349	0.0164	<0.002	<0.002	0.00237	<0.002	<0.002	0.0178	0.00194J; 0.00142J	<0.002
Arsenic	7440-38-2	mg/L	4/13/2021	<0.004	<0.004	0.0076	0.0121	<0.004	<0.004	<0.004	<0.004	<0.004	0.0217	0.0202	0.004
Arsenic	7440-38-2	mg/L	10/20/2021	<0.004				<0.004			<0.004; 0.0026J				0.0019J
Arsenic	7440-38-2	mg/L	5/2/2022	<0.004	0.0012J	0.0093	0.0139	0.0009J	0.0014J	0.002J	0.0023J	0.0015J	0.0032J	0.0149	0.0069
Arsenic	7440-38-2	mg/L	10/14/2022	<0.004				0.0012J			0.0035J; 0.0028J				0.0031J
Arsenic	7440-38-2	mg/L	5/1/2023	<0.002	0.000708J	0.00887	0.0196	<0.002	0.000794J	0.00107J	0.000731J	<0.002	0.00141J	0.00439	0.0279
Arsenic	7440-38-2	mg/L	10/16/2023	<0.002				<0.002			0.000596J; 0.000622J				0.00702
Arsenic	7440-38-2	mg/L	4/29/2024	0.00255	<0.002	0.00737	0.0704	<0.002	0.000594J	0.00109J	<0.002	<0.002	0.00165J	0.00252; 0.00243	0.0169
Arsenic	7440-38-2	mg/L	10/9/2024					<0.00200							
Arsenic	7440-38-2	mg/L	10/10/2024	<0.00200											0.0225
Arsenic	7440-38-2	mg/L	10/11/2024								<0.00200				
Arsenic	7440-38-2	mg/L	4/23/2025							0.000963					
Arsenic	7440-38-2	mg/L	4/25/2025				0.0110	<0.00200					0.000921		
Arsenic	7440-38-2	mg/L	4/28/2025												0.139
Arsenic	7440-38-2	mg/L	4/30/2025									<0.00200			
Arsenic	7440-38-2	mg/L	5/5/2025											0.00549	
Arsenic	7440-38-2	mg/L	5/6/2025	0.00148	0.000655	0.00361									
Arsenic	7440-38-2	mg/L	5/7/2025						0.000752		0.00203				
Arsenic	7440-38-2	mg/L	10/20/2025	0.000669											
Arsenic	7440-38-2	mg/L	10/21/2025					0.000547							
Arsenic	7440-38-2	mg/L	10/23/2025								0.000708				
Arsenic	7440-38-2	mg/L	5/4/2026	0.00327				0.000267	0.000741			0.000270			
Arsenic	7440-38-2	mg/L	5/5/2026		0.000585	0.00718	0.0138			0.00144			0.00289	0.00738	
Arsenic	7440-38-2	mg/L	5/6/2026								0.00196				
Arsenic	7440-38-2	mg/L	5/12/2026												0.0287
Barium	7440-39-3	mg/L	2/27/2008	0.376	0.212	0.72	0.841	0.138	0.853	0.542	0.377				
Barium	7440-39-3	mg/L	5/12/2008	0.356	0.142	0.732	0.65	0.104	0.721	0.506	0.17				
Barium	7440-39-3	mg/L	7/13/2008	0.327	0.175	0.592	0.65	0.0972	0.81	0.506	0.261				
Barium	7440-39-3	mg/L	9/14/2008	0.341	0.174	0.635	0.524	0.114	0.791	0.51	0.193				
Barium	7440-39-3	mg/L	11/17/2008	0.368	0.235	0.683	0.941	0.13	0.815	0.544	0.2				
Barium	7440-39-3	mg/L	4/14/2009	0.363	0.186	0.556	1.01		0.779	0.489	0.183				
Barium	7440-39-3	mg/L	7/7/2009	0.159	0.0824	0.47	0.34		0.757	0.465	0.169		0.53	0.235	
Barium	7440-39-3	mg/L	9/2/2009	0.358	0.169	0.593	0.741		0.736	0.476	0.21		0.61	0.237	
Barium	7440-39-3	mg/L	10/25/2009	0.376	0.146	0.6	0.736		0.804	0.491	0.198		0.633	0.259	
Barium	7440-39-3	mg/L	1/2/2010	0.385	0.153	0.504	0.691		0.799	0.45	0.19		0.663	0.251	
Barium	7440-39-3	mg/L	3/3/2010										0.74	0.282	0.681
Barium	7440-39-3	mg/L	5/10/2010	0.38	0.13	0.472	1.44		0.802	0.403	0.235			0.308	0.68
Barium	7440-39-3	mg/L	7/8/2010										0.75	0.289	0.68
Barium	7440-39-3	mg/L	9/13/2010										0.733	0.292	0.574
Barium	7440-39-3	mg/L	11/1/2010	0.348	0.175	0.451	0.662		0.866	0.419			0.662	0.284	
Barium	7440-39-3	mg/L	1/10/2011										0.694	0.252	
Barium	7440-39-3	mg/L	4/4/2011				0.546						0.626	0.26	0.762
Barium	7440-39-3	mg/L	7/8/2011												0.478
Barium	7440-39-3	mg/L	8/11/2011												0.267
Barium	7440-39-3	mg/L	10/13/2011		0.198	0.48	0.716		0.835	0.423			0.808	0.288	0.364
Barium	7440-39-3	mg/L	12/5/2011								0.253				0.235
Barium	7440-39-3	mg/L	4/11/2012	0.41	0.116	0.47	0.627		0.758	0.368	0.402		0.755	0.281	0.229
Barium	7440-39-3	mg/L	6/25/2012								0.282				
Barium	7440-39-3	mg/L	8/1/2012								0.292	0.31			
Barium	7440-39-3	mg/L	10/11/2012	0.445	0.171	0.445	3.83		0.81	0.408	0.255	0.167	0.819	0.268	0.765
Barium	7440-39-3	mg/L	12/13/2012								0.256	0.149			
Barium	7440-39-3	mg/L	3/30/2013	0.441	0.206	0.47	0.735		0.653	0.368	0.28	0.165	0.631	0.268	0.432
Barium	7440-39-3	mg/L	10/7/2013	0.45; 0.455	0.16	0.465	1.31		0.758	0.456	0.587	0.168	0.777	0.272	0.534
Barium	7440-39-3	mg/L	6/2/2014	0.345; 0.358	0.166	0.436	0.658		0.643	0.357	0.555	0.14	0.598	0.187	0.368
Barium	7440-39-3	mg/L	10/15/2014	0.454	0.169; 0.175	0.468	0.739		0.69	0.429	0.447	0.159	0.751	0.28	0.332
Barium	7440-39-3	mg/L	4/6/2015	0.443	0.228	0.462	0.523			0.457	0.323	0.125	0.695	0.274	0.311
Barium	7440-39-3	mg/L	10/5/2015	0.494	0.223	0.462	0.568			0.501	0.545	0.145	0.695	0.391	0.33
Barium	7440-39-3	mg/L	4/4/2016	0.515	0.145	0.42	0.481		0.512	0.417	0.395	0.142	0.802	0.229; 0.236	0.319
Barium	7440-39-3	mg/L	10/17/2016	0.471	0.19	0.444	0.491		0.504	0.409; 0.417	0.315	0.151	0.758	0.391	0.339
Barium	7440-39-3	mg/L	4/17/2017	0.566; 0.55	0.233	0.632; 0.439	0.583		0.323	0.475	0.345	0.168	0.288	0.359	0.371
Barium	7440-39-3	mg/L	10/11/2017	0.493	0.179	0.446; 0.445	0.671		0.317	0.462	0.563	0.156	0.818	0.271	0.391
Barium	7440-39-3	mg/L	4/20/2018								0.33				
Barium	7440-39-3	mg/L	4/24/2018						0.289	0.381			0.901		
Barium	7440-39-3	mg/L	4/25/2018	0.599	0.256	0.525	0.564					0.163		0.237	0.408; 0.467
Barium	7440-39-3	mg/L	10/16/2018	0.522	0.273	0.495; 0.488	0.513		0.327	0.338	0.367	0.247	0.881	0.245	0.499
Barium	7440-39-3	mg/L	4/16/2019	0.554; 0.681	0.181	0.707	0.377		0.243	0.413	0.355	0.163	0.898	0.336	0.587
Barium	7440-39-3	mg/L	10/1/2019	0.578	0.218	0.539	0.622		0.326	0.516	0.411; 0.4	0.171	0.968	0.302	0.628
Barium	7440-39-3	mg/L	3/30/2020	0.539	0.157	0.697	0.376		0.279	0.351	0.372	0.177	0.668	0.434	0.645; 0.64
Barium	7440-39-3	mg/L	10/7/2020	0.578	0.18	0.488	0.506		0.335	0.498	0.433	0.19	0.442	0.322; 0.301	0.543
Barium	7440-39-3	mg/L	4/13/2021	0.517	0.119	0.558	0.353		0.322	0.379	0.423	0.185	0.53	0.665	0.738
Barium	7440-39-3	mg/L	10/20/2021	0.55				0.131			0.395; 0.83				0.69
Barium	7440-39-3	mg/L	5/2/2022	0.55; 0.572	0.156	0.57	0.344	0.13	0.372	0.425	0.426	0.206	0.121	0.373	0.895
Barium	7440-39-3	mg/L	10/14/2022	0.527				0.164			0.489; 0.474				1.03
Barium	7440-39-3	mg/L	5/1/2023	0.644	0.173	0.682	0.281	0.131; 0.125	0.365	0.361	0.462	0.17	0.071	0.225	0.884
Barium	7440-39-3	mg/L	10/16/2023	0.557				0.138			0.447; 0.451				0.587
Barium	7440-39-3	mg/L	4/29/2024	0.521	0.17	0.645	0.289	0.15	0.346	0.33	0.483	0.18	0.0557	0.115; 0.118	0.687
Barium	7440-39-3	mg/L	10/9/2024					0.148							
Barium	7440-39-3	mg/L	10/10/2024	0.630											0.714

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Barium	7440-39-3	mg/L	10/11/2024								0.408				
Barium	7440-39-3	mg/L	4/23/2025							0.361					
Barium	7440-39-3	mg/L	4/25/2025				0.220	0.146					0.0622		
Barium	7440-39-3	mg/L	4/28/2025												2.72
Barium	7440-39-3	mg/L	4/30/2025									0.162			
Barium	7440-39-3	mg/L	5/5/2025											0.113	
Barium	7440-39-3	mg/L	5/6/2025	0.553	0.198	0.444									
Barium	7440-39-3	mg/L	5/7/2025						0.341		0.431				
Barium	7440-39-3	mg/L	10/20/2025	0.530											
Barium	7440-39-3	mg/L	10/21/2025					0.138							
Barium	7440-39-3	mg/L	10/23/2025								0.477				
Barium	7440-39-3	mg/L	5/4/2026	0.555				0.150	0.366			0.176			
Barium	7440-39-3	mg/L	5/5/2026		0.170	0.517	0.260			0.391			0.0631	0.146	
Barium	7440-39-3	mg/L	5/6/2026								0.478				
Barium	7440-39-3	mg/L	5/12/2026												0.564
Benzene	71-43-2	ug/L	2/27/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	5/12/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	7/13/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	9/14/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	11/17/2008	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	4/14/2009	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5				
Benzene	71-43-2	ug/L	7/7/2009										<0.5	<0.5	
Benzene	71-43-2	ug/L	9/2/2009										<0.5	<0.5	
Benzene	71-43-2	ug/L	10/25/2009	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5		<0.5	<0.5	
Benzene	71-43-2	ug/L	1/2/2010										<0.5	<0.5	
Benzene	71-43-2	ug/L	3/3/2010										<0.5	<0.5	<0.5
Benzene	71-43-2	ug/L	5/10/2010	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5			<0.5	<0.5
Benzene	71-43-2	ug/L	7/8/2010												<0.5
Benzene	71-43-2	ug/L	9/13/2010												<0.5
Benzene	71-43-2	ug/L	11/1/2010	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5			<0.5	<0.5	
Benzene	71-43-2	ug/L	4/4/2011												<0.5
Benzene	71-43-2	ug/L	10/13/2011	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5			<0.5	<0.5	<0.5
Benzene	71-43-2	ug/L	12/5/2011								<0.5				
Benzene	71-43-2	ug/L	4/11/2012	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5		<0.5	<0.5	<0.5
Benzene	71-43-2	ug/L	6/25/2012								<0.5				
Benzene	71-43-2	ug/L	8/1/2012								<0.5	<0.5			
Benzene	71-43-2	ug/L	10/11/2012	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	71-43-2	ug/L	12/13/2012								<0.5	<0.5			
Benzene	71-43-2	ug/L	2/4/2013								<0.5	<0.5			
Benzene	71-43-2	ug/L	3/30/2013	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	71-43-2	ug/L	10/7/2013		<0.5	<0.5			<0.5	<0.5	<0.5	<0.5	<0.5		<0.5
Benzene	71-43-2	ug/L	6/2/2014	<0.5	<0.5	<0.5	0.194J		<0.5	<0.5	<0.5	<0.5	0.271J	<0.5	<0.5
Benzene	71-43-2	ug/L	10/15/2014	<0.5	<0.5	<0.5	0.275J		<0.5	<0.5	<0.5	<0.5	0.329J	<0.5	<0.5
Benzene	71-43-2	ug/L	4/6/2015	<0.5	<0.5	<0.5	0.248J			<0.5	<0.5	<0.5	0.317J	<0.5	<0.5
Benzene	71-43-2	ug/L	10/5/2015	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Benzene	71-43-2	ug/L	4/4/2016	<0.5	<0.5	<0.5	0.268J		<0.5	<0.5	<0.5	<0.5	0.265J	<0.5	<0.5
Benzene	71-43-2	ug/L	10/17/2016	<0.5	<0.5	<0.5	0.215J		<0.5	<0.5	<0.5	<0.5	0.371J	<0.5	<0.5
Benzene	71-43-2	ug/L	4/17/2017	<0.5	<0.5	<0.5	0.308J		<0.5	<0.5	<0.5	<0.5	0.143J	<0.5	<0.5
Benzene	71-43-2	ug/L	10/11/2017	<0.5	<0.5	<0.5	0.425J		<0.5	<0.5	<0.5	<0.5	0.436J	<0.5	<0.5
Benzene	71-43-2	ug/L	4/20/2018								<0.5				
Benzene	71-43-2	ug/L	4/24/2018						<0.5	<0.5			0.401J		
Benzene	71-43-2	ug/L	4/25/2018	<0.5	<0.5	<0.5	0.244J					<0.5		<0.5	<0.5
Benzene	71-43-2	ug/L	10/16/2018	<0.5	<0.5	<0.5	0.24J		<0.5	<0.5	<0.5	<0.5	0.407J	<0.5	<0.5
Benzene	71-43-2	ug/L	4/16/2019	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	0.379J	<0.5	<0.5
Benzene	71-43-2	ug/L	10/1/2019	<0.5	<0.5	<0.5	0.225J		<0.5	<0.5	<0.5	<0.5	0.477J	<0.5	<0.5
Benzene	71-43-2	ug/L	3/30/2020	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	0.338J	<0.5	<0.5
Benzene	71-43-2	ug/L	10/7/2020	<0.5	<0.5	<0.5	0.255J		<0.5	<0.5	<0.5	<0.5	0.439J	<0.5	<0.5
Benzene	71-43-2	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	0.3J	<1	<1
Benzene	71-43-2	ug/L	10/20/2021	<1				<1			<1				<1
Benzene	71-43-2	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Benzene	71-43-2	ug/L	10/14/2022	<1				<1			<1				<1
Benzene	71-43-2	ug/L	5/1/2023	<0.5				<0.5	<0.5		<0.5	0.373J		<0.5	<0.5
Benzene	71-43-2	ug/L	10/16/2023	<0.5				<0.5			<0.5				<0.5
Benzene	71-43-2	ug/L	4/29/2024	<0.5				<0.5			<0.5	<0.5			<0.5
Benzene	71-43-2	ug/L	10/9/2024					<0.500							
Benzene	71-43-2	ug/L	10/10/2024	<0.500											<0.500
Benzene	71-43-2	ug/L	10/11/2024								<0.500				
Benzene	71-43-2	ug/L	4/23/2025							<0.500					
Benzene	71-43-2	ug/L	4/25/2025				<0.500	<0.500					<0.500		
Benzene	71-43-2	ug/L	4/28/2025												<0.500
Benzene	71-43-2	ug/L	4/30/2025									<0.500			
Benzene	71-43-2	ug/L	5/5/2025											<0.500	
Benzene	71-43-2	ug/L	5/6/2025	<0.500	<0.500	<0.500									
Benzene	71-43-2	ug/L	5/7/2025								<0.500				
Benzene	71-43-2	ug/L	10/20/2025	<0.500											
Benzene	71-43-2	ug/L	10/21/2025					<0.500							
Benzene	71-43-2	ug/L	10/23/2025								<0.500				
Benzene	71-43-2	ug/L	5/4/2026	<0.500				<0.500				<0.500			
Benzene	71-43-2	ug/L	5/6/2026								<0.500				
Benzene	71-43-2	ug/L	5/12/2026												<0.500
Benzo [k] fluoranthene	207-08-9	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Benzo [k] fluoranthene	207-08-9	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Benzo [k] fluoranthene	207-08-9	ug/L	4/4/2011												<10
Benzo [k] fluoranthene	207-08-9	ug/L	10/15/2014										<10		
Benzo [k] fluoranthene	207-08-9	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Benzo [k] fluoranthene	207-08-9	ug/L	4/4/2016												<10.3
Benzo [k] fluoranthene	207-08-9	ug/L	4/17/2017						<11						
Benzo [k] fluoranthene	207-08-9	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Benzo [k] fluoranthene	207-08-9	ug/L	10/20/2021												<8
Benzo [k] fluoranthene	207-08-9	ug/L	5/2/2022						<8						
Benzo[a]anthracene	56-55-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Benzo[a]anthracene	56-55-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Benzo[a]anthracene	56-55-3	ug/L	4/4/2011												<10
Benzo[a]anthracene	56-55-3	ug/L	10/15/2014										<10		
Benzo[a]anthracene	56-55-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Benzo[a]anthracene	56-55-3	ug/L	4/4/2016												<10.3
Benzo[a]anthracene	56-55-3	ug/L	4/17/2017						<11						
Benzo[a]anthracene	56-55-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Benzo[a]anthracene	56-55-3	ug/L	10/20/2021												<8
Benzo[a]anthracene	56-55-3	ug/L	5/2/2022						<8						
Benzo[a]anthracene	56-55-3	ug/L	4/23/2025							<10.4					
Benzo[a]anthracene	56-55-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Benzo[a]anthracene	56-55-3	ug/L	5/5/2025											<10.0	
Benzo[a]anthracene	56-55-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Benzo[a]anthracene	56-55-3	ug/L	5/7/2025								<10.6				
Benzo[a]anthracene	56-55-3	ug/L	10/21/2025					<10.4							
Benzo[a]pyrene	50-32-8	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Benzo[a]pyrene	50-32-8	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Benzo[a]pyrene	50-32-8	ug/L	4/4/2011												<10
Benzo[a]pyrene	50-32-8	ug/L	10/15/2014										<10		
Benzo[a]pyrene	50-32-8	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Benzo[a]pyrene	50-32-8	ug/L	4/4/2016												<10.3
Benzo[a]pyrene	50-32-8	ug/L	4/17/2017						<11						
Benzo[a]pyrene	50-32-8	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Benzo[a]pyrene	50-32-8	ug/L	10/20/2021												<8
Benzo[a]pyrene	50-32-8	ug/L	5/2/2022						<8						
Benzo[a]pyrene	50-32-8	ug/L	4/23/2025							<10.4					
Benzo[a]pyrene	50-32-8	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Benzo[a]pyrene	50-32-8	ug/L	5/5/2025											<10.0	
Benzo[a]pyrene	50-32-8	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Benzo[a]pyrene	50-32-8	ug/L	5/7/2025								<10.6				
Benzo[a]pyrene	50-32-8	ug/L	10/21/2025					<10.4							
Benzo[b]fluoranthene	205-99-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Benzo[b]fluoranthene	205-99-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Benzo[b]fluoranthene	205-99-2	ug/L	4/4/2011												<10
Benzo[b]fluoranthene	205-99-2	ug/L	10/15/2014										<10		
Benzo[b]fluoranthene	205-99-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Benzo[b]fluoranthene	205-99-2	ug/L	4/4/2016												<10.3
Benzo[b]fluoranthene	205-99-2	ug/L	4/17/2017						<11						
Benzo[b]fluoranthene	205-99-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Benzo[b]fluoranthene	205-99-2	ug/L	10/20/2021												<8
Benzo[b]fluoranthene	205-99-2	ug/L	5/2/2022						<8						
Benzo[b]fluoranthene	205-99-2	ug/L	4/23/2025							<10.4					
Benzo[b]fluoranthene	205-99-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Benzo[b]fluoranthene	205-99-2	ug/L	5/5/2025											<10.0	
Benzo[b]fluoranthene	205-99-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Benzo[b]fluoranthene	205-99-2	ug/L	5/7/2025								<10.6				
Benzo[b]fluoranthene	205-99-2	ug/L	10/21/2025					<10.4							
Benzo[g,h,i]perylene	191-24-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Benzo[g,h,i]perylene	191-24-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Benzo[g,h,i]perylene	191-24-2	ug/L	4/4/2011												<10
Benzo[g,h,i]perylene	191-24-2	ug/L	10/15/2014										<10		
Benzo[g,h,i]perylene	191-24-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Benzo[g,h,i]perylene	191-24-2	ug/L	4/4/2016												<10.3
Benzo[g,h,i]perylene	191-24-2	ug/L	4/17/2017						<11						
Benzo[g,h,i]perylene	191-24-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Benzo[g,h,i]perylene	191-24-2	ug/L	10/20/2021												<8
Benzo[g,h,i]perylene	191-24-2	ug/L	5/2/2022						<8						
Benzo[g,h,i]perylene	191-24-2	ug/L	4/23/2025							<10.4					
Benzo[g,h,i]perylene	191-24-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Benzo[g,h,i]perylene	191-24-2	ug/L	5/5/2025											<10.0	
Benzo[g,h,i]perylene	191-24-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Benzo[g,h,i]perylene	191-24-2	ug/L	5/7/2025								<10.6				
Benzo[g,h,i]perylene	191-24-2	ug/L	10/21/2025					<10.4							
Benzo[k]fluoranthene	207-08-9	ug/L	4/23/2025							<10.4					
Benzo[k]fluoranthene	207-08-9	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Benzo[k]fluoranthene	207-08-9	ug/L	5/5/2025											<10.0	
Benzo[k]fluoranthene	207-08-9	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Benzo[k]fluoranthene	207-08-9	ug/L	5/7/2025								<10.6				
Benzo[k]fluoranthene	207-08-9	ug/L	10/21/2025					<10.4							
Benzyl alcohol	100-51-6	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Benzyl alcohol	100-51-6	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Benzyl alcohol	100-51-6	ug/L	4/4/2011												<10
Benzyl alcohol	100-51-6	ug/L	10/15/2014										<10		
Benzyl alcohol	100-51-6	ug/L	10/5/2015	<10	0.188J	<10	<10			<10.3	<10.8		<10.9	<10	
Benzyl alcohol	100-51-6	ug/L	4/4/2016												<10.3
Benzyl alcohol	100-51-6	ug/L	4/17/2017						<11						
Benzyl alcohol	100-51-6	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Benzyl alcohol	100-51-6	ug/L	10/20/2021												<8
Benzyl alcohol	100-51-6	ug/L	5/2/2022						<8						
Benzyl alcohol	100-51-6	ug/L	4/23/2025							<10.4					
Benzyl alcohol	100-51-6	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Benzyl alcohol	100-51-6	ug/L	5/5/2025											<10.0	
Benzyl alcohol	100-51-6	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Benzyl alcohol	100-51-6	ug/L	5/7/2025								<10.6				
Benzyl alcohol	100-51-6	ug/L	10/21/2025					<10.4							

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Beryllium	7440-41-7	mg/L	2/27/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00129				
Beryllium	7440-41-7	mg/L	5/12/2008	<0.001	<0.001	0.00134	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	7/13/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	9/14/2008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	11/17/2008	<0.001	<0.001	0.00123	<0.001	<0.001	<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	4/14/2009	<0.001	<0.001	<0.001	0.00143		<0.001	<0.001	<0.001				
Beryllium	7440-41-7	mg/L	7/7/2009				<0.001						<0.001	<0.001	
Beryllium	7440-41-7	mg/L	9/2/2009				<0.001						<0.001	<0.001	
Beryllium	7440-41-7	mg/L	10/25/2009	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		<0.001	<0.001	
Beryllium	7440-41-7	mg/L	1/2/2010				<0.001						<0.001	<0.001	
Beryllium	7440-41-7	mg/L	3/3/2010										<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	5/10/2010	<0.0004	<0.0004	<0.0004	0.0021		<0.0004	<0.0004	<0.0004			<0.0004	<0.0004
Beryllium	7440-41-7	mg/L	7/8/2010												<0.001
Beryllium	7440-41-7	mg/L	9/13/2010												<0.001
Beryllium	7440-41-7	mg/L	11/1/2010	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001			<0.001	<0.001	
Beryllium	7440-41-7	mg/L	4/4/2011												<0.001
Beryllium	7440-41-7	mg/L	10/13/2011		<0.001	<0.001	<0.001		<0.001	<0.001			<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	12/5/2011								<0.001				
Beryllium	7440-41-7	mg/L	4/11/2012	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	6/25/2012								<0.001				
Beryllium	7440-41-7	mg/L	8/1/2012								<0.001	<0.001			
Beryllium	7440-41-7	mg/L	10/11/2012	<0.001	<0.001	<0.001	0.00127		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00241
Beryllium	7440-41-7	mg/L	12/13/2012								<0.001	<0.001			
Beryllium	7440-41-7	mg/L	3/30/2013	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/7/2013	<0.001	<0.001	<0.001	0.00237		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00101
Beryllium	7440-41-7	mg/L	6/2/2014	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	0.000474J	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/15/2014	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	0.000344J	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/6/2015	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/5/2015	<0.001	0.000068J	<0.001	0.000085J			<0.001	0.000667J	<0.001	<0.001	0.00022J	<0.001
Beryllium	7440-41-7	mg/L	4/4/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/17/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/17/2017	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/11/2017	<0.001	<0.001	<0.001	0.000126J		<0.001	<0.001	0.000539J	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/20/2018								<0.001				
Beryllium	7440-41-7	mg/L	4/24/2018						<0.001	<0.001			<0.001		
Beryllium	7440-41-7	mg/L	4/25/2018	<0.001	<0.001	<0.004	<0.001					<0.001		<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/16/2018	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	0.000639	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/16/2019	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/1/2019	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/7/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Beryllium	7440-41-7	mg/L	10/20/2021	0.0001J				<0.004			<0.004				<0.004
Beryllium	7440-41-7	mg/L	5/2/2022	<0.004				<0.004	<0.004		<0.004	<0.004			<0.004
Beryllium	7440-41-7	mg/L	10/14/2022	<0.004				<0.004			0.0001J; <0.004				<0.004
Beryllium	7440-41-7	mg/L	5/1/2023	<0.001				<0.001			<0.001	<0.001			<0.001
Beryllium	7440-41-7	mg/L	10/16/2023	<0.001				<0.001			<0.001				<0.001
Beryllium	7440-41-7	mg/L	4/29/2024	<0.001				<0.001			<0.001	<0.001			<0.001
Beryllium	7440-41-7	mg/L	10/9/2024					<0.00100							
Beryllium	7440-41-7	mg/L	10/10/2024	<0.00100											<0.00100
Beryllium	7440-41-7	mg/L	10/11/2024								<0.00100				
Beryllium	7440-41-7	mg/L	4/23/2025							<0.00100					
Beryllium	7440-41-7	mg/L	4/25/2025				<0.00100	<0.00100					<0.00100		
Beryllium	7440-41-7	mg/L	4/28/2025												<0.00500
Beryllium	7440-41-7	mg/L	4/30/2025									<0.00100			
Beryllium	7440-41-7	mg/L	5/5/2025											<0.00100	
Beryllium	7440-41-7	mg/L	5/6/2025	<0.00100	<0.00100	<0.00100									
Beryllium	7440-41-7	mg/L	5/7/2025								<0.00100				
Beryllium	7440-41-7	mg/L	10/20/2025	<0.00100											
Beryllium	7440-41-7	mg/L	10/21/2025					<0.00100							
Beryllium	7440-41-7	mg/L	10/23/2025								<0.00100				
Beryllium	7440-41-7	mg/L	5/4/2026	<0.000400				<0.000400				<0.000400			
Beryllium	7440-41-7	mg/L	5/6/2026								<0.000400				
Beryllium	7440-41-7	mg/L	5/12/2026												<0.000400
Beta-BHC	319-85-7	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Beta-BHC	319-85-7	ug/L	7/7/2009			<0.032	<0.032								
Beta-BHC	319-85-7	ug/L	9/2/2009				<0.032								
Beta-BHC	319-85-7	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Beta-BHC	319-85-7	ug/L	4/4/2011												<0.032
Beta-BHC	319-85-7	ug/L	3/30/2013									<0.032			
Beta-BHC	319-85-7	ug/L	10/15/2014										0.00605J		
Beta-BHC	319-85-7	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		0.00655J	<0.032	
Beta-BHC	319-85-7	ug/L	4/4/2016												<0.0333
Beta-BHC	319-85-7	ug/L	4/17/2017						0.00627J						
Beta-BHC	319-85-7	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.0333			<0.034	<0.033		<0.0337	<0.0337	
Beta-BHC	319-85-7	ug/L	10/20/2021												<0.05
Beta-BHC	319-85-7	ug/L	5/2/2022						<0.05						
Bicarbonate	BICARB	mg/L	6/2/2014	475	330	480	675		516	480	330	134	826	335	521
Bicarbonate	BICARB	mg/L	10/15/2014	526	299	459	774		501	501	341	123	834	294	518
Bicarbonate	BICARB	mg/L	3/30/2020										484		
Bis(2-chloroethoxy)methane	111-91-1	ug/L	4/23/2025							<10.4					
Bis(2-chloroethoxy)methane	111-91-1	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5/5/2025											<10.0	
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5/7/2025								<10.6				
Bis(2-chloroethoxy)methane	111-91-1	ug/L	10/21/2025					<10.4							
Bis(2-chloroethyl)ether	111-44-4	ug/L	4/23/2025							<10.4					
Bis(2-chloroethyl)ether	111-44-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Bis(2-chloroethyl)ether	111-44-4	ug/L	5/5/2025											<10.0	
Bis(2-chloroethyl)ether	111-44-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Bis(2-chloroethyl)ether	111-44-4	ug/L	5/7/2025								<10.6				
Bis(2-chloroethyl)ether	111-44-4	ug/L	10/21/2025					<10.4							
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	4/23/2025							<10.4					
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/5/2025											<10.0	
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/7/2025						<10.4		<10.6				
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	10/21/2025					<10.4							
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	5/4/2026						<10.4						
Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/4/2011												<10
Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/15/2014										<10		
Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/4/2016												<10.3
Bis[2-chloroethoxy]methane	111-91-1	ug/L	4/17/2017						<11						
Bis[2-chloroethoxy]methane	111-91-1	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Bis[2-chloroethoxy]methane	111-91-1	ug/L	10/20/2021												<8
Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/2/2022						<8						
Bis[2-chloroethyl]ether	111-44-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Bis[2-chloroethyl]ether	111-44-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Bis[2-chloroethyl]ether	111-44-4	ug/L	4/4/2011												<10
Bis[2-chloroethyl]ether	111-44-4	ug/L	10/15/2014										<10		
Bis[2-chloroethyl]ether	111-44-4	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Bis[2-chloroethyl]ether	111-44-4	ug/L	4/4/2016												<10.3
Bis[2-chloroethyl]ether	111-44-4	ug/L	4/17/2017						<11						
Bis[2-chloroethyl]ether	111-44-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Bis[2-chloroethyl]ether	111-44-4	ug/L	10/20/2021												<8
Bis[2-chloroethyl]ether	111-44-4	ug/L	5/2/2022						<8						
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/4/2011												<10
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/15/2014										<10		
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/4/2016												<10.3
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	4/17/2017						<11						
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	10/20/2021												<8
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/2/2022						<8						
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/4/2011												<10
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/15/2014										<10		
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/5/2015	<10	3.96J	0.681J	0.689J			2.02J	16.5		9.15J	6.86J	
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/4/2016								<10.3				0.837J
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/11/2016								1.11J				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/17/2016								1.14J				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	11/14/2016								1.11J				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/17/2017						0.856J		1.11J				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/11/2017								<10.8				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/20/2018								<10.2				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/16/2018								<10.2				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/16/2019								<10.2				
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	10/20/2021												<6
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/2/2022						13						
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/1/2023						<9.26						
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	4/29/2024						<10						
Bromochloromethane	74-97-5	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	4/14/2009	<5	<5	<5	<5		<5	<5	<5				
Bromochloromethane	74-97-5	ug/L	7/7/2009										<5	<5	
Bromochloromethane	74-97-5	ug/L	9/2/2009										<5	<5	
Bromochloromethane	74-97-5	ug/L	10/25/2009	<5	<5	<5	<5		<5	<5	<5		<5	<5	
Bromochloromethane	74-97-5	ug/L	1/2/2010										<5	<5	
Bromochloromethane	74-97-5	ug/L	3/3/2010										<5	<5	<5
Bromochloromethane	74-97-5	ug/L	5/10/2010	<5	<5	<5	<5		<5	<5	<5			<5	<5
Bromochloromethane	74-97-5	ug/L	7/8/2010												<5
Bromochloromethane	74-97-5	ug/L	9/13/2010												<5
Bromochloromethane	74-97-5	ug/L	11/1/2010	<5	<5	<5	<5		<5	<5			<5	<5	
Bromochloromethane	74-97-5	ug/L	4/4/2011												<5
Bromochloromethane	74-97-5	ug/L	10/13/2011	<5	<5	<5	<5		<5	<5			<5	<5	<5
Bromochloromethane	74-97-5	ug/L	12/5/2011								<5				
Bromochloromethane	74-97-5	ug/L	4/11/2012	<5	<5	<5	<5		<5	<5	<5		<5	<5	<5
Bromochloromethane	74-97-5	ug/L	6/25/2012								<5				
Bromochloromethane	74-97-5	ug/L	8/1/2012								<5	<5			
Bromochloromethane	74-97-5	ug/L	10/11/2012	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	12/13/2012								<5	<5			
Bromochloromethane	74-97-5	ug/L	2/4/2013								<5	<5			
Bromochloromethane	74-97-5	ug/L	3/30/2013	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/7/2013		<5	<5			<5	<5	<5	<5	<5		<5
Bromochloromethane	74-97-5	ug/L	6/2/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/15/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Bromochloromethane	74-97-5	ug/L	4/6/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/5/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/4/2016	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/17/2016	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/17/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/11/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/20/2018								<5				
Bromochloromethane	74-97-5	ug/L	4/24/2018						<5	<5			<5		
Bromochloromethane	74-97-5	ug/L	4/25/2018	<5	<5	<5	<5					<5		<5	<5
Bromochloromethane	74-97-5	ug/L	10/16/2018	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/16/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/1/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	3/30/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/7/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromochloromethane	74-97-5	ug/L	10/20/2021	<1				<1			<1				<1
Bromochloromethane	74-97-5	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Bromochloromethane	74-97-5	ug/L	10/14/2022	<1				<1			<1				<1
Bromochloromethane	74-97-5	ug/L	5/1/2023	<5				<5	<5		<5	<5		<5	<5
Bromochloromethane	74-97-5	ug/L	10/16/2023	<5				<5			<5				<5
Bromochloromethane	74-97-5	ug/L	4/29/2024	<5				<5			<5	<5			<5
Bromochloromethane	74-97-5	ug/L	10/9/2024					<5.00							
Bromochloromethane	74-97-5	ug/L	10/10/2024	<5.00											<5.00
Bromochloromethane	74-97-5	ug/L	10/11/2024								<5.00				
Bromochloromethane	74-97-5	ug/L	4/23/2025							<5.00					
Bromochloromethane	74-97-5	ug/L	4/25/2025				<5.00	<5.00					<5.00		
Bromochloromethane	74-97-5	ug/L	4/28/2025												<5.00
Bromochloromethane	74-97-5	ug/L	4/30/2025									<5.00			
Bromochloromethane	74-97-5	ug/L	5/5/2025											<5.00	
Bromochloromethane	74-97-5	ug/L	5/6/2025	<5.00	<5.00	<5.00									
Bromochloromethane	74-97-5	ug/L	5/7/2025								<5.00				
Bromochloromethane	74-97-5	ug/L	10/20/2025	<5.00											
Bromochloromethane	74-97-5	ug/L	10/21/2025					<5.00							
Bromochloromethane	74-97-5	ug/L	10/23/2025								<5.00				
Bromochloromethane	74-97-5	ug/L	5/4/2026	<5.00				<5.00				<5.00			
Bromochloromethane	74-97-5	ug/L	5/6/2026								<5.00				
Bromochloromethane	74-97-5	ug/L	5/12/2026												<5.00
Bromodichloromethane	75-27-4	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Bromodichloromethane	75-27-4	ug/L	7/7/2009										<1	<1	
Bromodichloromethane	75-27-4	ug/L	9/2/2009										<1	<1	
Bromodichloromethane	75-27-4	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
Bromodichloromethane	75-27-4	ug/L	1/2/2010										<10	<10	
Bromodichloromethane	75-27-4	ug/L	3/3/2010										<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	5/10/2010	<1	<4	<4	<4		<4	<4	<4			<4	<4
Bromodichloromethane	75-27-4	ug/L	7/8/2010												<1
Bromodichloromethane	75-27-4	ug/L	9/13/2010												<1
Bromodichloromethane	75-27-4	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Bromodichloromethane	75-27-4	ug/L	4/4/2011												<1
Bromodichloromethane	75-27-4	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	12/5/2011								<1				
Bromodichloromethane	75-27-4	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	6/25/2012								<1				
Bromodichloromethane	75-27-4	ug/L	8/1/2012								<1	<1			
Bromodichloromethane	75-27-4	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	12/13/2012								<1	<1			
Bromodichloromethane	75-27-4	ug/L	2/4/2013								<1	<1			
Bromodichloromethane	75-27-4	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Bromodichloromethane	75-27-4	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/20/2018								<1				
Bromodichloromethane	75-27-4	ug/L	4/24/2018						<1	<1			<1		
Bromodichloromethane	75-27-4	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
Bromodichloromethane	75-27-4	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/20/2021	<1				<1			<1				<1
Bromodichloromethane	75-27-4	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Bromodichloromethane	75-27-4	ug/L	10/14/2022	<1				<1			<1				<1
Bromodichloromethane	75-27-4	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
Bromodichloromethane	75-27-4	ug/L	10/16/2023	<1				<1			<1				<1
Bromodichloromethane	75-27-4	ug/L	4/29/2024	<1				<1			<1	<1			<1
Bromodichloromethane	75-27-4	ug/L	10/9/2024					<1.00							
Bromodichloromethane	75-27-4	ug/L	10/10/2024	<1.00											<1.00

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Bromodichloromethane	75-27-4	ug/L	10/11/2024								<1.00				
Bromodichloromethane	75-27-4	ug/L	4/23/2025							<1.00					
Bromodichloromethane	75-27-4	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Bromodichloromethane	75-27-4	ug/L	4/28/2025												<1.00
Bromodichloromethane	75-27-4	ug/L	4/30/2025									<1.00			
Bromodichloromethane	75-27-4	ug/L	5/5/2025											<1.00	
Bromodichloromethane	75-27-4	ug/L	5/6/2025	<1.00	<1.00	<1.00									
Bromodichloromethane	75-27-4	ug/L	5/7/2025								<1.00				
Bromodichloromethane	75-27-4	ug/L	10/20/2025	<1.00											
Bromodichloromethane	75-27-4	ug/L	10/21/2025					<1.00							
Bromodichloromethane	75-27-4	ug/L	10/23/2025								<1.00				
Bromodichloromethane	75-27-4	ug/L	5/4/2026	<1.00				<1.00				<1.00			
Bromodichloromethane	75-27-4	ug/L	5/6/2026								<1.00				
Bromodichloromethane	75-27-4	ug/L	5/12/2026												<1.00
Bromoform	75-25-2	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Bromoform	75-25-2	ug/L	4/14/2009	<5	<5	<5	<5		<5	<5	<5				
Bromoform	75-25-2	ug/L	7/7/2009										<5	<5	
Bromoform	75-25-2	ug/L	9/2/2009										<5	<5	
Bromoform	75-25-2	ug/L	10/25/2009	<10	<10	<10	<10		<10	<20	<10		<10	<10	
Bromoform	75-25-2	ug/L	1/2/2010										<50	<50	
Bromoform	75-25-2	ug/L	3/3/2010										<5	<5	<5
Bromoform	75-25-2	ug/L	5/10/2010	<20	<20	<20	<20		<20	<20	<20			<20	<20
Bromoform	75-25-2	ug/L	7/8/2010												<5
Bromoform	75-25-2	ug/L	9/13/2010												<5
Bromoform	75-25-2	ug/L	11/1/2010	<10	<10	<5	<5		<10	<10			<5	<10	
Bromoform	75-25-2	ug/L	4/4/2011												<5
Bromoform	75-25-2	ug/L	10/13/2011	<5	<5	<5	<5		<5	<5			<5	<5	<5
Bromoform	75-25-2	ug/L	12/5/2011								<5				
Bromoform	75-25-2	ug/L	4/11/2012	<5	<5	<5	<5		<5	<5	<5		<5	<5	<5
Bromoform	75-25-2	ug/L	6/25/2012								<5				
Bromoform	75-25-2	ug/L	8/1/2012								<5	<5			
Bromoform	75-25-2	ug/L	10/11/2012	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	12/13/2012								<5	<5			
Bromoform	75-25-2	ug/L	2/4/2013								<5	<5			
Bromoform	75-25-2	ug/L	3/30/2013	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/7/2013		<5	<5			<5	<5	<5	<5	<5		<5
Bromoform	75-25-2	ug/L	6/2/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/15/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/6/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/5/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/4/2016	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/17/2016	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/17/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/11/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/20/2018								<5				
Bromoform	75-25-2	ug/L	4/24/2018						<5	<5			<5		
Bromoform	75-25-2	ug/L	4/25/2018	<5	<5	<5	<5					<5		<5	<5
Bromoform	75-25-2	ug/L	10/16/2018	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/16/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/1/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	3/30/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/7/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromoform	75-25-2	ug/L	10/20/2021	<1				<1			<1				<1
Bromoform	75-25-2	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Bromoform	75-25-2	ug/L	10/14/2022	<1				<1			<1				<1
Bromoform	75-25-2	ug/L	5/1/2023	<5				<5	<5		<5	<5		<5	<5
Bromoform	75-25-2	ug/L	10/16/2023	<5				<5			<5				<5
Bromoform	75-25-2	ug/L	4/29/2024	<5				<5			<5	<5			<5
Bromoform	75-25-2	ug/L	10/9/2024					<5.00							
Bromoform	75-25-2	ug/L	10/10/2024	<5.00											<5.00
Bromoform	75-25-2	ug/L	10/11/2024								<5.00				
Bromoform	75-25-2	ug/L	4/23/2025							<5.00					
Bromoform	75-25-2	ug/L	4/25/2025				<5.00	<5.00					<5.00		
Bromoform	75-25-2	ug/L	4/28/2025												<5.00
Bromoform	75-25-2	ug/L	4/30/2025									<5.00			
Bromoform	75-25-2	ug/L	5/5/2025											<5.00	
Bromoform	75-25-2	ug/L	5/6/2025	<5.00	<5.00	<5.00									
Bromoform	75-25-2	ug/L	5/7/2025								<5.00				
Bromoform	75-25-2	ug/L	10/20/2025	<5.00											
Bromoform	75-25-2	ug/L	10/21/2025					<5.00							
Bromoform	75-25-2	ug/L	10/23/2025								<5.00				
Bromoform	75-25-2	ug/L	5/4/2026	<5.00				<5.00				<5.00			
Bromoform	75-25-2	ug/L	5/6/2026								<5.00				
Bromoform	75-25-2	ug/L	5/12/2026												<5.00
Bromomethane	74-83-9	ug/L	2/27/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	5/12/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	7/13/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	9/14/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	11/17/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Bromomethane	74-83-9	ug/L	4/14/2009	<4	<4	<4	<4		<4	<4	<4				
Bromomethane	74-83-9	ug/L	7/7/2009										<4	<4	
Bromomethane	74-83-9	ug/L	9/2/2009										<4	<4	
Bromomethane	74-83-9	ug/L	10/25/2009	<4	<4	<4	<4		<4	<4	<4		<4	<4	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Bromomethane	74-83-9	ug/L	1/2/2010										<4	<4	
Bromomethane	74-83-9	ug/L	3/3/2010										<4	<4	<4
Bromomethane	74-83-9	ug/L	5/10/2010	<5	<4	<4	<4		<4	<4	<4			<4	<4
Bromomethane	74-83-9	ug/L	7/8/2010												<4
Bromomethane	74-83-9	ug/L	9/13/2010												<4
Bromomethane	74-83-9	ug/L	11/1/2010	<4	<4	<4	<4		<4	<4			<4	<4	
Bromomethane	74-83-9	ug/L	4/4/2011												<4
Bromomethane	74-83-9	ug/L	10/13/2011	<4	<4	<4	<4		<4	<4			<4	<4	<4
Bromomethane	74-83-9	ug/L	12/5/2011								<20				
Bromomethane	74-83-9	ug/L	4/11/2012	<4	<4	<4	<4		<4	<4	<4		<4	<4	<4
Bromomethane	74-83-9	ug/L	6/25/2012								<4				
Bromomethane	74-83-9	ug/L	8/1/2012								<4	<4			
Bromomethane	74-83-9	ug/L	10/11/2012	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	12/13/2012								<4	<4			
Bromomethane	74-83-9	ug/L	2/4/2013								<4	<4			
Bromomethane	74-83-9	ug/L	3/30/2013	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/7/2013		<4	<4			<4	<4	<4	<4	<4		<4
Bromomethane	74-83-9	ug/L	6/2/2014	<4	<4	<4	<4		<4	<4	<4	<4	3.46J	<4	<4
Bromomethane	74-83-9	ug/L	10/15/2014	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	4/6/2015	<4	<4	<4	<4			<4	<4	0.415J	<4	<4	0.529J
Bromomethane	74-83-9	ug/L	10/5/2015	<4	<4	<4	<4			<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	4/4/2016	<4	0.254J	0.308J	<4		0.27J	<4	<4	0.297J	<4	0.403J; 0.346J	<4
Bromomethane	74-83-9	ug/L	10/17/2016	<4	<4	<4	<4		0.374J	<4	<4	<4	0.374J	0.39J	<4
Bromomethane	74-83-9	ug/L	4/17/2017	0.383J; 0.59J	0.447J	0.41J; <4	0.474J		0.32J	0.314J	0.248J	0.239J	0.511J	<4	0.326J
Bromomethane	74-83-9	ug/L	10/11/2017	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	4/20/2018								<4				
Bromomethane	74-83-9	ug/L	4/24/2018						<4	<4			<4		
Bromomethane	74-83-9	ug/L	4/25/2018	<4	<4	<4	<4					<4		<4	<4
Bromomethane	74-83-9	ug/L	10/16/2018	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	4/16/2019	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/1/2019	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	3/30/2020	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/7/2020	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Bromomethane	74-83-9	ug/L	10/20/2021	<1				<1			<1				<1
Bromomethane	74-83-9	ug/L	5/2/2022	<1				<1	0.6J		<1	<1			<1
Bromomethane	74-83-9	ug/L	10/14/2022	<1				<1			<1				<1
Bromomethane	74-83-9	ug/L	5/1/2023	<4				<4	<4		<4	<4		<4	<4
Bromomethane	74-83-9	ug/L	10/16/2023	<4				<4			<4				<4
Bromomethane	74-83-9	ug/L	4/29/2024	<4				<4			<4	<4			<4
Bromomethane	74-83-9	ug/L	10/9/2024					<4.00							
Bromomethane	74-83-9	ug/L	10/10/2024	<4.00											<4.00
Bromomethane	74-83-9	ug/L	10/11/2024								<4.00				
Bromomethane	74-83-9	ug/L	4/23/2025							<4.00					
Bromomethane	74-83-9	ug/L	4/25/2025				<4.00	<4.00					<4.00		
Bromomethane	74-83-9	ug/L	4/28/2025												<4.00
Bromomethane	74-83-9	ug/L	4/30/2025									<4.00			
Bromomethane	74-83-9	ug/L	5/5/2025											<4.00	
Bromomethane	74-83-9	ug/L	5/6/2025	<4.00	<4.00	<4.00									
Bromomethane	74-83-9	ug/L	5/7/2025								<4.00				
Bromomethane	74-83-9	ug/L	10/20/2025	<4.00											
Bromomethane	74-83-9	ug/L	10/21/2025					<4.00							
Bromomethane	74-83-9	ug/L	10/23/2025								<4.00				
Bromomethane	74-83-9	ug/L	5/4/2026	<4.00				<4.00				<4.00			
Bromomethane	74-83-9	ug/L	5/6/2026								<4.00				
Bromomethane	74-83-9	ug/L	5/12/2026												<4.00
Butyl benzyl phthalate	85-68-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Butyl benzyl phthalate	85-68-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Butyl benzyl phthalate	85-68-7	ug/L	4/4/2011												<10
Butyl benzyl phthalate	85-68-7	ug/L	10/15/2014										<10		
Butyl benzyl phthalate	85-68-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Butyl benzyl phthalate	85-68-7	ug/L	4/4/2016												<10.3
Butyl benzyl phthalate	85-68-7	ug/L	4/17/2017						0.469J						
Butyl benzyl phthalate	85-68-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Butyl benzyl phthalate	85-68-7	ug/L	10/20/2021												<8
Butyl benzyl phthalate	85-68-7	ug/L	5/2/2022						<8						
Butyl benzyl phthalate	85-68-7	ug/L	4/23/2025							<10.4					
Butyl benzyl phthalate	85-68-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Butyl benzyl phthalate	85-68-7	ug/L	5/5/2025											<10.0	
Butyl benzyl phthalate	85-68-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Butyl benzyl phthalate	85-68-7	ug/L	5/7/2025								<10.6				
Butyl benzyl phthalate	85-68-7	ug/L	10/21/2025					<10.4							
Cadmium	7440-43-9	mg/L	2/27/2008	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
Cadmium	7440-43-9	mg/L	5/12/2008	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
Cadmium	7440-43-9	mg/L	7/13/2008	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
Cadmium	7440-43-9	mg/L	9/14/2008	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025				
Cadmium	7440-43-9	mg/L	11/17/2008	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				
Cadmium	7440-43-9	mg/L	4/14/2009	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025				
Cadmium	7440-43-9	mg/L	7/7/2009										<0.0025	<0.0025	
Cadmium	7440-43-9	mg/L	9/2/2009										<0.0025	<0.0025	
Cadmium	7440-43-9	mg/L	10/25/2009	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
Cadmium	7440-43-9	mg/L	1/2/2010										<0.0025	<0.0025	
Cadmium	7440-43-9	mg/L	3/3/2010										<0.0025	<0.0025	<0.0025
Cadmium	7440-43-9	mg/L	5/10/2010	<0.0004	<0.0004	<0.0004	<0.002		<0.0004	<0.0004	<0.0004			0.0011	<0.0004
Cadmium	7440-43-9	mg/L	7/8/2010										<0.0025	<0.0025	<0.0025
Cadmium	7440-43-9	mg/L	9/13/2010										<0.0025	<0.0025	<0.0025
Cadmium	7440-43-9	mg/L	11/1/2010										<0.0025	<0.0025	
Cadmium	7440-43-9	mg/L	1/10/2011										<0.0005	0.00097	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Cadmium	7440-43-9	mg/L	4/4/2011										<0.0025	<0.0025	<0.0005
Cadmium	7440-43-9	mg/L	7/8/2011												<0.0025
Cadmium	7440-43-9	mg/L	8/11/2011												<0.0025
Cadmium	7440-43-9	mg/L	10/13/2011		<0.0005	<0.0005	<0.0005		<0.0005	<0.0005			<0.0005	0.00113	0.000964
Cadmium	7440-43-9	mg/L	12/5/2011								<0.0005				
Cadmium	7440-43-9	mg/L	4/11/2012	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005		<0.0005	0.000963	<0.0005
Cadmium	7440-43-9	mg/L	6/25/2012								<0.0005				
Cadmium	7440-43-9	mg/L	8/1/2012								<0.0005	<0.0005			
Cadmium	7440-43-9	mg/L	10/11/2012	<0.0005	<0.0005	<0.0005	0.000863		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00171	0.00449
Cadmium	7440-43-9	mg/L	12/13/2012								<0.0005	<0.0005			
Cadmium	7440-43-9	mg/L	3/30/2013	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.001	0.00067
Cadmium	7440-43-9	mg/L	10/7/2013	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00145
Cadmium	7440-43-9	mg/L	6/2/2014	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.000403J	<0.0005	0.000124J	0.000605	0.000483J
Cadmium	7440-43-9	mg/L	10/15/2014	<0.0005	<0.0005	<0.0005	<0.0005		0.0000854J	<0.0005	0.000228J	<0.0005	0.000404J	0.000735	<0.0005
Cadmium	7440-43-9	mg/L	4/6/2015	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005	0.000481J	0.00064	0.00039J
Cadmium	7440-43-9	mg/L	10/5/2015	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005	0.000338J	<0.0005	0.000605	0.000853	0.000456J; 0.000316J
Cadmium	7440-43-9	mg/L	4/4/2016	0.000096J	0.000048J	<0.0005	<0.0005		0.000085J	0.00009J	<0.0005	0.000073J	0.000433J	0.000574; 0.000605	0.000296J
Cadmium	7440-43-9	mg/L	10/17/2016	<0.0005	<0.0005	<0.0005	<0.0005		0.00009J	0.00005J; 0.000046J	<0.0005	0.000085J	0.000378J	0.00172	0.000196J
Cadmium	7440-43-9	mg/L	4/17/2017	<0.0005	0.00005J	<0.0005	<0.0005		0.000095J	0.000106J	<0.0005	0.000085J	0.000095J	0.000746	0.000234J
Cadmium	7440-43-9	mg/L	10/11/2017	<0.0005	<0.0005	<0.0005	0.00005J		0.000118J	0.000046J	0.000388J	0.000275J	0.000129J	0.000555	0.000115J
Cadmium	7440-43-9	mg/L	4/20/2018								<0.0005				
Cadmium	7440-43-9	mg/L	4/24/2018						0.000077J	0.000066J			0.000064J		
Cadmium	7440-43-9	mg/L	4/25/2018	<0.0005	0.000078J	<0.002	<0.0005					0.000073J		0.000439J	<0.0005
Cadmium	7440-43-9	mg/L	10/16/2018	<0.0005	<0.0005	<0.0005	<0.0005		0.000187J	<0.0005	0.000185J	0.000521	<0.0005	0.000449J	<0.0005
Cadmium	7440-43-9	mg/L	4/16/2019	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	0.000084J	<0.0005	<0.0005	<0.0005	0.000745	<0.0005
Cadmium	7440-43-9	mg/L	10/1/2019	<0.0001	<0.0001	<0.0001	<0.0001		0.000149	0.000063J	<0.0001	0.000199	<0.0001	0.000794	<0.0001
Cadmium	7440-43-9	mg/L	3/30/2020	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	0.000063J	<0.0001	0.000054J	<0.0001	0.000773	<0.0001
Cadmium	7440-43-9	mg/L	10/7/2020	<0.0001	<0.0001	<0.0001	<0.0001		0.000128	0.000051J	<0.0001	0.000426	0.000055J	0.000769; 0.000723	<0.0001
Cadmium	7440-43-9	mg/L	4/13/2021	<0.0008	<0.0008	<0.0008	<0.0008		<0.0008	<0.0008	<0.0008	0.0001J	<0.0008	0.0007J	<0.0008
Cadmium	7440-43-9	mg/L	10/20/2021	0.0001J				0.0001J			<0.0008; 0.0001J				<0.0008
Cadmium	7440-43-9	mg/L	5/2/2022	<0.0008				<0.0008	<0.0008		<0.0008	0.0004J			<0.0008
Cadmium	7440-43-9	mg/L	10/14/2022	<0.0008				<0.0008			<0.0008				<0.0008
Cadmium	7440-43-9	mg/L	5/1/2023	<0.0002				<0.0002			<0.0002	<0.0002			<0.0002
Cadmium	7440-43-9	mg/L	10/16/2023	<0.0002				<0.0002			<0.0002				<0.0002
Cadmium	7440-43-9	mg/L	4/29/2024	<0.0002				0.000334			<0.0002	0.000136J			<0.0008
Cadmium	7440-43-9	mg/L	10/9/2024					0.000166J							
Cadmium	7440-43-9	mg/L	10/10/2024	<0.000200											<0.000200
Cadmium	7440-43-9	mg/L	10/11/2024								<0.000200				
Cadmium	7440-43-9	mg/L	4/23/2025							<0.000200					
Cadmium	7440-43-9	mg/L	4/25/2025				<0.000200	<0.000200					<0.000200		
Cadmium	7440-43-9	mg/L	4/28/2025												<0.00100
Cadmium	7440-43-9	mg/L	4/30/2025									<0.000200			
Cadmium	7440-43-9	mg/L	5/5/2025											<0.000200	
Cadmium	7440-43-9	mg/L	5/6/2025	<0.000200	<0.000200	<0.000200									
Cadmium	7440-43-9	mg/L	5/7/2025								<0.000200				
Cadmium	7440-43-9	mg/L	10/20/2025	<0.000200											
Cadmium	7440-43-9	mg/L	10/21/2025					0.000134							
Cadmium	7440-43-9	mg/L	10/23/2025								<0.000200				
Cadmium	7440-43-9	mg/L	5/4/2026	<0.000500				<0.000500				<0.000500			
Cadmium	7440-43-9	mg/L	5/6/2026								<0.000500				
Cadmium	7440-43-9	mg/L	5/12/2026												<0.000500
Calcium	7440-70-2	mg/L	6/2/2014	131; 135	91.6	124	193		162	156	133	41.9	190	97.1	133
Calcium	7440-70-2	mg/L	10/15/2014	145	93.1	116	196		166	163	133	37.1	195	126	139
Calcium	7440-70-2	mg/L	3/30/2020										208		
Carbon Disulfide	75-15-0	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Carbon Disulfide	75-15-0	ug/L	7/7/2009										<1	<1	
Carbon Disulfide	75-15-0	ug/L	9/2/2009										<1	<1	
Carbon Disulfide	75-15-0	ug/L	10/25/2009	<5	<5	<5	<5		<5	<5	<5		<5	<5	
Carbon Disulfide	75-15-0	ug/L	1/2/2010										<5	<5	
Carbon Disulfide	75-15-0	ug/L	3/3/2010										<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	5/10/2010	<1	<4	<4	<4		<4	<4	<4			<4	<4
Carbon Disulfide	75-15-0	ug/L	7/8/2010												<5
Carbon Disulfide	75-15-0	ug/L	9/13/2010												<10
Carbon Disulfide	75-15-0	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Carbon Disulfide	75-15-0	ug/L	4/4/2011												<1
Carbon Disulfide	75-15-0	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	12/5/2011								<1				
Carbon Disulfide	75-15-0	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	6/25/2012								<1				
Carbon Disulfide	75-15-0	ug/L	8/1/2012								<1	<1			
Carbon Disulfide	75-15-0	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	12/13/2012								<1	<1			
Carbon Disulfide	75-15-0	ug/L	2/4/2013								<1	<1			
Carbon Disulfide	75-15-0	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Carbon Disulfide	75-15-0	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Carbon Disulfide	75-15-0	ug/L	4/20/2018								<1				
Carbon Disulfide	75-15-0	ug/L	4/24/2018						<1	<1			<1		
Carbon Disulfide	75-15-0	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
Carbon Disulfide	75-15-0	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/20/2021	<1				<1			<1				<1
Carbon Disulfide	75-15-0	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Carbon Disulfide	75-15-0	ug/L	10/14/2022	<1				<1			<1				<1
Carbon Disulfide	75-15-0	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
Carbon Disulfide	75-15-0	ug/L	10/16/2023	<1				<1			<1				<1
Carbon Disulfide	75-15-0	ug/L	4/29/2024	<1				<1			<1	<1			<1
Carbon Tetrachloride	56-23-5	ug/L	2/27/2008	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	5/12/2008	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	7/13/2008	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	9/14/2008	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	11/17/2008	<2	<2	<2	<2	<2	<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	4/14/2009	<2	<2	<2	<2		<2	<2	<2				
Carbon Tetrachloride	56-23-5	ug/L	7/7/2009										<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	9/2/2009										<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	10/25/2009	<2	<2	<2	<2		<2	<5	<2		<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	1/2/2010										<5	<5	
Carbon Tetrachloride	56-23-5	ug/L	3/3/2010										<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	5/10/2010	<4	<4	<4	<4		<4	<4	<4			<4	<4
Carbon Tetrachloride	56-23-5	ug/L	7/8/2010												<5
Carbon Tetrachloride	56-23-5	ug/L	9/13/2010												<5
Carbon Tetrachloride	56-23-5	ug/L	11/1/2010	<5	<5	<2	<2		<5	<5			<2	<5	
Carbon Tetrachloride	56-23-5	ug/L	4/4/2011												<2
Carbon Tetrachloride	56-23-5	ug/L	10/13/2011	<2	<2	<2	<2		<2	<2			<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	12/5/2011								<2				
Carbon Tetrachloride	56-23-5	ug/L	4/11/2012	<2	<2	<2	<2		<2	<2	<2		<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	6/25/2012								<2				
Carbon Tetrachloride	56-23-5	ug/L	8/1/2012								<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	10/11/2012	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	12/13/2012								<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	2/4/2013								<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	3/30/2013	7.84	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/7/2013		<2	<2			<2	<2	<2	<2	<2		<2
Carbon Tetrachloride	56-23-5	ug/L	6/2/2014	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/15/2014	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/6/2015	<2	<2	<2	<2			<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/5/2015	<2	<2	<2	<2			<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/4/2016	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/17/2016	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/17/2017	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/11/2017	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/20/2018								<2				
Carbon Tetrachloride	56-23-5	ug/L	4/24/2018						<2	<2			<2		
Carbon Tetrachloride	56-23-5	ug/L	4/25/2018	<2	<2	<2	<2					<2		<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/16/2018	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/16/2019	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/1/2019	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	3/30/2020	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/7/2020	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Carbon Tetrachloride	56-23-5	ug/L	10/20/2021	<1				<1			<1				<1
Carbon Tetrachloride	56-23-5	ug/L	5/2/2022	<1				<1	<1		0.5J	<1			<1
Carbon Tetrachloride	56-23-5	ug/L	10/14/2022	0.4J				<1			<1				<1
Carbon Tetrachloride	56-23-5	ug/L	5/1/2023	<2				<2	<2		<2	<2		<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/16/2023	<2				<2			<2				<2
Carbon Tetrachloride	56-23-5	ug/L	4/29/2024	<2				<2			<2	<2			<2
Carbon disulfide	75-15-0	ug/L	10/9/2024					<1.00							
Carbon disulfide	75-15-0	ug/L	10/10/2024	<1.00											<1.00
Carbon disulfide	75-15-0	ug/L	10/11/2024								<1.00				
Carbon disulfide	75-15-0	ug/L	4/23/2025							<1.00					
Carbon disulfide	75-15-0	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Carbon disulfide	75-15-0	ug/L	4/28/2025												<1.00
Carbon disulfide	75-15-0	ug/L	4/30/2025									<1.00			
Carbon disulfide	75-15-0	ug/L	5/5/2025											<1.00	
Carbon disulfide	75-15-0	ug/L	5/6/2025	<1.00	<1.00	<1.00									
Carbon disulfide	75-15-0	ug/L	5/7/2025								<1.00				
Carbon disulfide	75-15-0	ug/L	10/20/2025	<1.00											
Carbon disulfide	75-15-0	ug/L	10/21/2025					<1.00							
Carbon disulfide	75-15-0	ug/L	10/23/2025								<1.00				
Carbon disulfide	75-15-0	ug/L	5/4/2026	<1.00				<1.00				<1.00			
Carbon disulfide	75-15-0	ug/L	5/6/2026								<1.00				
Carbon disulfide	75-15-0	ug/L	5/12/2026												<1.00
Carbon tetrachloride	56-23-5	ug/L	10/9/2024					<2.00							
Carbon tetrachloride	56-23-5	ug/L	10/10/2024	<2.00											<2.00
Carbon tetrachloride	56-23-5	ug/L	10/11/2024								<2.00				
Carbon tetrachloride	56-23-5	ug/L	4/23/2025							<2.00					
Carbon tetrachloride	56-23-5	ug/L	4/25/2025				<2.00	<2.00					<2.00		
Carbon tetrachloride	56-23-5	ug/L	4/28/2025												<2.00
Carbon tetrachloride	56-23-5	ug/L	4/30/2025									<2.00			
Carbon tetrachloride	56-23-5	ug/L	5/5/2025											<2.00	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Carbon tetrachloride	56-23-5	ug/L	5/6/2025	<2.00	<2.00	<2.00									
Carbon tetrachloride	56-23-5	ug/L	5/7/2025								<2.00				
Carbon tetrachloride	56-23-5	ug/L	10/20/2025	<2.00											
Carbon tetrachloride	56-23-5	ug/L	10/21/2025					<2.00							
Carbon tetrachloride	56-23-5	ug/L	10/23/2025								<2.00				
Carbon tetrachloride	56-23-5	ug/L	5/4/2026	<2.00				<2.00				<2.00			
Carbon tetrachloride	56-23-5	ug/L	5/6/2026								<2.00				
Carbon tetrachloride	56-23-5	ug/L	5/12/2026												<2.00
Carbonate	CARB	mg/L	6/2/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Carbonate	CARB	mg/L	10/15/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Carbonate	CARB	mg/L	3/30/2020										<5		
Chlordane	57-74-9	ug/L	4/14/2009	<2	<2	<2	<2		<2	<2	<2				
Chlordane	57-74-9	ug/L	7/7/2009			<2	<2								
Chlordane	57-74-9	ug/L	9/2/2009				<2								
Chlordane	57-74-9	ug/L	5/10/2010	<2	<2	<2	<2		<2	<2	<2			<2	
Chlordane	57-74-9	ug/L	4/4/2011												<2
Chlordane	57-74-9	ug/L	10/15/2014										<2		
Chlordane	57-74-9	ug/L	10/5/2015	<2	<2.06	<2	<2			<2.02	<2.04		<2.38	<2	
Chlordane	57-74-9	ug/L	4/4/2016												<2.08
Chlordane	57-74-9	ug/L	4/17/2017						<2.11						
Chlordane	57-74-9	ug/L	3/30/2020	<2.08	<2.11	<2.08	<2.08			<2.13	<2.06		<2.11	<2.11	
Chlordane	57-74-9	ug/L	10/20/2021												<0.1
Chlordane	57-74-9	ug/L	5/2/2022						<0.1						
Chlordane (technical)	12789-03-6	ug/L	4/23/2025							<1.81					
Chlordane (technical)	12789-03-6	ug/L	4/25/2025				<1.84	<1.93					<1.80		
Chlordane (technical)	12789-03-6	ug/L	5/5/2025											<1.81	
Chlordane (technical)	12789-03-6	ug/L	5/6/2025	<1.81	<1.80	<1.83									
Chlordane (technical)	12789-03-6	ug/L	5/7/2025								<1.79				
Chlordane (technical)	12789-03-6	ug/L	10/21/2025					<1.80							
Chloride	16887-00-6	mg/L	6/2/2014	10.5	4.23J	32.5	88.8		83	80.2	54.6	3.51J	46.7	93.7	9.79
Chloride	16887-00-6	mg/L	10/15/2014	14.8	6.97	34.3	82.4		79.7	70.4	59.3	2.9J	46.2	78.4	9.59
Chloride	16887-00-6	mg/L	3/30/2020										4.65J		
Chlorobenzene	108-90-7	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Chlorobenzene	108-90-7	ug/L	7/7/2009										<1	<1	
Chlorobenzene	108-90-7	ug/L	9/2/2009										<1	<1	
Chlorobenzene	108-90-7	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
Chlorobenzene	108-90-7	ug/L	1/2/2010										<1	<1	
Chlorobenzene	108-90-7	ug/L	3/3/2010										<1	<1	<1
Chlorobenzene	108-90-7	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
Chlorobenzene	108-90-7	ug/L	7/8/2010												<1
Chlorobenzene	108-90-7	ug/L	9/13/2010												<1
Chlorobenzene	108-90-7	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Chlorobenzene	108-90-7	ug/L	4/4/2011												<1
Chlorobenzene	108-90-7	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Chlorobenzene	108-90-7	ug/L	12/5/2011								<1				
Chlorobenzene	108-90-7	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Chlorobenzene	108-90-7	ug/L	6/25/2012								<1				
Chlorobenzene	108-90-7	ug/L	8/1/2012								<1	<1			
Chlorobenzene	108-90-7	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	12/13/2012								<1	<1			
Chlorobenzene	108-90-7	ug/L	2/4/2013								<1	<1			
Chlorobenzene	108-90-7	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Chlorobenzene	108-90-7	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	4/20/2018								<1				
Chlorobenzene	108-90-7	ug/L	4/24/2018						<1	<1			<1		
Chlorobenzene	108-90-7	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
Chlorobenzene	108-90-7	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/20/2021	<1				<1			<1				<1
Chlorobenzene	108-90-7	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Chlorobenzene	108-90-7	ug/L	10/14/2022	<1				<1			<1				<1
Chlorobenzene	108-90-7	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
Chlorobenzene	108-90-7	ug/L	10/16/2023	<1				<1			<1				<1
Chlorobenzene	108-90-7	ug/L	4/29/2024	<1				<1			<1	<1			<1
Chlorobenzene	108-90-7	ug/L	10/9/2024					<1.00							
Chlorobenzene	108-90-7	ug/L	10/10/2024	<1.00											<1.00
Chlorobenzene	108-90-7	ug/L	10/11/2024								<1.00				
Chlorobenzene	108-90-7	ug/L	4/23/2025							<1.00					
Chlorobenzene	108-90-7	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Chlorobenzene	108-90-7	ug/L	4/28/2025												<1.00
Chlorobenzene	108-90-7	ug/L	4/30/2025									<1.00			

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Chlorobenzene	108-90-7	ug/L	5/5/2025											<1.00	
Chlorobenzene	108-90-7	ug/L	5/6/2025	<1.00	<1.00	<1.00									
Chlorobenzene	108-90-7	ug/L	5/7/2025								<1.00				
Chlorobenzene	108-90-7	ug/L	10/20/2025	<1.00											
Chlorobenzene	108-90-7	ug/L	10/21/2025					<1.00							
Chlorobenzene	108-90-7	ug/L	10/23/2025								<1.00				
Chlorobenzene	108-90-7	ug/L	5/4/2026	<1.00				<1.00				<1.00			
Chlorobenzene	108-90-7	ug/L	5/6/2026								<1.00				
Chlorobenzene	108-90-7	ug/L	5/12/2026												<1.00
Chlorobenzilate	510-15-6	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Chlorobenzilate	510-15-6	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Chlorobenzilate	510-15-6	ug/L	4/4/2011												<10
Chlorobenzilate	510-15-6	ug/L	10/15/2014										<10		
Chlorobenzilate	510-15-6	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Chlorobenzilate	510-15-6	ug/L	4/4/2016												<10.3
Chlorobenzilate	510-15-6	ug/L	4/17/2017						<11						
Chlorobenzilate	510-15-6	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Chlorobenzilate	510-15-6	ug/L	10/20/2021												<8
Chlorobenzilate	510-15-6	ug/L	5/2/2022						<8						
Chlorobenzilate	510-15-6	ug/L	4/23/2025							<10.4					
Chlorobenzilate	510-15-6	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Chlorobenzilate	510-15-6	ug/L	5/5/2025											<10.0	
Chlorobenzilate	510-15-6	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Chlorobenzilate	510-15-6	ug/L	5/7/2025								<10.6				
Chlorobenzilate	510-15-6	ug/L	10/21/2025					<10.4							
Chlorodibromomethane	124-48-1	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	4/14/2009	<5	<5	<5	<5		<5	<5	<5				
Chlorodibromomethane	124-48-1	ug/L	7/7/2009										<5	<5	
Chlorodibromomethane	124-48-1	ug/L	9/2/2009										<5	<5	
Chlorodibromomethane	124-48-1	ug/L	10/25/2009	<5	<5	<5	<5		<5	<10	<5		<5	<5	
Chlorodibromomethane	124-48-1	ug/L	1/2/2010										<50	<50	
Chlorodibromomethane	124-48-1	ug/L	3/3/2010										<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	5/10/2010	<10	<5	<5	<5		<5	<5	<5			<5	<5
Chlorodibromomethane	124-48-1	ug/L	7/8/2010												<5
Chlorodibromomethane	124-48-1	ug/L	9/13/2010												<5
Chlorodibromomethane	124-48-1	ug/L	11/1/2010	<5	<5	<5	<5		<5	<5			<5	<5	
Chlorodibromomethane	124-48-1	ug/L	4/4/2011												<5
Chlorodibromomethane	124-48-1	ug/L	10/13/2011	<5	<5	<5	<5		<5	<5			<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	12/5/2011								<5				
Chlorodibromomethane	124-48-1	ug/L	4/11/2012	<5	<5	<5	<5		<5	<5	<5		<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	6/25/2012								<5				
Chlorodibromomethane	124-48-1	ug/L	8/1/2012								<5	<5			
Chlorodibromomethane	124-48-1	ug/L	10/11/2012	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	12/13/2012								<5	<5			
Chlorodibromomethane	124-48-1	ug/L	2/4/2013								<5	<5			
Chlorodibromomethane	124-48-1	ug/L	3/30/2013	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/7/2013		<5	<5			<5	<5	<5	<5	<5		<5
Chlorodibromomethane	124-48-1	ug/L	6/2/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/15/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/6/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/5/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/4/2016	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/17/2016	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/17/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/11/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/20/2018								<5				
Chlorodibromomethane	124-48-1	ug/L	4/24/2018						<5	<5			<5		
Chlorodibromomethane	124-48-1	ug/L	4/25/2018	<5	<5	<5	<5					<5		<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/16/2018	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/16/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/1/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	3/30/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/7/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chlorodibromomethane	124-48-1	ug/L	10/20/2021	<1				<1			<1				<1
Chlorodibromomethane	124-48-1	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Chlorodibromomethane	124-48-1	ug/L	10/14/2022	<1				<1			<1				<1
Chlorodibromomethane	124-48-1	ug/L	5/1/2023	<5				<5	<5		<5	<5		<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/16/2023	<5				<5			<5				<5
Chlorodibromomethane	124-48-1	ug/L	4/29/2024	<5				<5			<5	<5			<5
Chlorodibromomethane	124-48-1	ug/L	10/9/2024					<5.00							
Chlorodibromomethane	124-48-1	ug/L	10/10/2024	<5.00											<5.00
Chlorodibromomethane	124-48-1	ug/L	10/11/2024								<5.00				
Chlorodibromomethane	124-48-1	ug/L	4/23/2025							<5.00					
Chlorodibromomethane	124-48-1	ug/L	4/25/2025				<5.00	<5.00					<5.00		
Chlorodibromomethane	124-48-1	ug/L	4/28/2025												<5.00
Chlorodibromomethane	124-48-1	ug/L	4/30/2025									<5.00			
Chlorodibromomethane	124-48-1	ug/L	5/5/2025											<5.00	
Chlorodibromomethane	124-48-1	ug/L	5/6/2025	<5.00	<5.00	<5.00									
Chlorodibromomethane	124-48-1	ug/L	5/7/2025								<5.00				
Chlorodibromomethane	124-48-1	ug/L	10/20/2025	<5.00											
Chlorodibromomethane	124-48-1	ug/L	10/21/2025					<5.00							
Chlorodibromomethane	124-48-1	ug/L	10/23/2025								<5.00				
Chlorodibromomethane	124-48-1	ug/L	5/4/2026	<5.00				<5.00				<5.00			

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Chlorodibromomethane	124-48-1	ug/L	5/6/2026								<5.00				
Chlorodibromomethane	124-48-1	ug/L	5/12/2026												<5.00
Chloroethane	75-00-3	ug/L	2/27/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	5/12/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	7/13/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	9/14/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	11/17/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Chloroethane	75-00-3	ug/L	4/14/2009	<4	<4	<4	<4		<4	<4	<4				
Chloroethane	75-00-3	ug/L	7/7/2009										<4	<4	
Chloroethane	75-00-3	ug/L	9/2/2009										<4	<4	
Chloroethane	75-00-3	ug/L	10/25/2009	<4	<4	<4	<4		<4	<4	<4		<4	<4	
Chloroethane	75-00-3	ug/L	1/2/2010										<4	<4	
Chloroethane	75-00-3	ug/L	3/3/2010										<4	<4	<4
Chloroethane	75-00-3	ug/L	5/10/2010	<4	<4	<4	<4		<4	<4	<4			<4	<4
Chloroethane	75-00-3	ug/L	7/8/2010												<4
Chloroethane	75-00-3	ug/L	9/13/2010												<4
Chloroethane	75-00-3	ug/L	11/1/2010	<4	<4	<4	<4		<4	<4			<4	<4	
Chloroethane	75-00-3	ug/L	4/4/2011												<4
Chloroethane	75-00-3	ug/L	10/13/2011	<4	<4	<4	<4		<4	<4			<4	<4	<4
Chloroethane	75-00-3	ug/L	12/5/2011								<4				
Chloroethane	75-00-3	ug/L	4/11/2012	<4	<4	<4	<4		<4	<4	<4		<4	<4	<4
Chloroethane	75-00-3	ug/L	6/25/2012								<4				
Chloroethane	75-00-3	ug/L	8/1/2012								<4	<4			
Chloroethane	75-00-3	ug/L	10/11/2012	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	12/13/2012								<4	<4			
Chloroethane	75-00-3	ug/L	2/4/2013								<4	<4			
Chloroethane	75-00-3	ug/L	3/30/2013	<4	<4	<4	<4		4.12	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/7/2013		<4	<4			<4	<4	<4	<4	<4		<4
Chloroethane	75-00-3	ug/L	6/2/2014	<4	<4	<4	1.14J		0.746J	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/15/2014	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/6/2015	<4	<4	<4	<4			<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/5/2015	<4	<4	<4	1.06J			<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/4/2016	<4	<4	<4	<4		0.861J	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/17/2016	<4	<4	<4	<4		0.984J	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/17/2017	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/11/2017	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/20/2018								<4				
Chloroethane	75-00-3	ug/L	4/24/2018						<4	<4			<4		
Chloroethane	75-00-3	ug/L	4/25/2018	<4	<4	<4	<4					<4		<4	<4
Chloroethane	75-00-3	ug/L	10/16/2018	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/16/2019	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/1/2019	<4	<4	<4	1.58J		<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	3/30/2020	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/7/2020	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloroethane	75-00-3	ug/L	10/20/2021	<1				<1			<1				<1
Chloroethane	75-00-3	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Chloroethane	75-00-3	ug/L	10/14/2022	<1				<1			<1				<1
Chloroethane	75-00-3	ug/L	5/1/2023	<4				<4	<4		<4	<4		<4	<4
Chloroethane	75-00-3	ug/L	10/16/2023	<4				<4			<4				<4
Chloroethane	75-00-3	ug/L	4/29/2024	<4				<4			<4	<4			<4
Chloroethane	75-00-3	ug/L	10/9/2024					<4.00							
Chloroethane	75-00-3	ug/L	10/10/2024	<4.00											<4.00
Chloroethane	75-00-3	ug/L	10/11/2024								<4.00				
Chloroethane	75-00-3	ug/L	4/23/2025							<4.00					
Chloroethane	75-00-3	ug/L	4/25/2025				<4.00	<4.00					<4.00		
Chloroethane	75-00-3	ug/L	4/28/2025												<4.00
Chloroethane	75-00-3	ug/L	4/30/2025									<4.00			
Chloroethane	75-00-3	ug/L	5/5/2025											<4.00	
Chloroethane	75-00-3	ug/L	5/6/2025	<4.00	<4.00	<4.00									
Chloroethane	75-00-3	ug/L	5/7/2025								<4.00				
Chloroethane	75-00-3	ug/L	10/20/2025	<4.00											
Chloroethane	75-00-3	ug/L	10/21/2025					<4.00							
Chloroethane	75-00-3	ug/L	10/23/2025								<4.00				
Chloroethane	75-00-3	ug/L	5/4/2026	<4.00				<4.00				<4.00			
Chloroethane	75-00-3	ug/L	5/6/2026								<4.00				
Chloroethane	75-00-3	ug/L	5/12/2026												<4.00
Chloroform	67-66-3	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Chloroform	67-66-3	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<2.5	<1				
Chloroform	67-66-3	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Chloroform	67-66-3	ug/L	7/7/2009										<1	<1	
Chloroform	67-66-3	ug/L	9/2/2009										<1	<1	
Chloroform	67-66-3	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
Chloroform	67-66-3	ug/L	1/2/2010										<1	<1	
Chloroform	67-66-3	ug/L	3/3/2010										<1	<1	<1
Chloroform	67-66-3	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
Chloroform	67-66-3	ug/L	7/8/2010												<1
Chloroform	67-66-3	ug/L	9/13/2010												<1
Chloroform	67-66-3	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Chloroform	67-66-3	ug/L	4/4/2011												<1
Chloroform	67-66-3	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Chloroform	67-66-3	ug/L	12/5/2011								<1				
Chloroform	67-66-3	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Chloroform	67-66-3	ug/L	6/25/2012								<1				
Chloroform	67-66-3	ug/L	8/1/2012								<1	<1			

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Chloroform	67-66-3	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	12/13/2012								<1	<1			
Chloroform	67-66-3	ug/L	2/4/2013								<1	<1			
Chloroform	67-66-3	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Chloroform	67-66-3	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	4/20/2018								<1				
Chloroform	67-66-3	ug/L	4/24/2018						<1	<1			<1		
Chloroform	67-66-3	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
Chloroform	67-66-3	ug/L	10/16/2018	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	4/16/2019	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	10/1/2019	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	3/30/2020	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	10/7/2020	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloroform	67-66-3	ug/L	10/20/2021	<1				<1			<1				<1
Chloroform	67-66-3	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Chloroform	67-66-3	ug/L	10/14/2022	<1				<1			<1				<1
Chloroform	67-66-3	ug/L	5/1/2023	<3				<3	<3		<3	<3		<3	<3
Chloroform	67-66-3	ug/L	10/16/2023	<3				<3			<3				<3
Chloroform	67-66-3	ug/L	4/29/2024	<3				<3			<3	<3			<3
Chloroform	67-66-3	ug/L	10/9/2024					<3.00							
Chloroform	67-66-3	ug/L	10/10/2024	<3.00											<3.00
Chloroform	67-66-3	ug/L	10/11/2024								<3.00				
Chloroform	67-66-3	ug/L	4/23/2025							<3.00					
Chloroform	67-66-3	ug/L	4/25/2025				<3.00	<3.00					<3.00		
Chloroform	67-66-3	ug/L	4/28/2025												<3.00
Chloroform	67-66-3	ug/L	4/30/2025									<3.00			
Chloroform	67-66-3	ug/L	5/5/2025											<3.00	
Chloroform	67-66-3	ug/L	5/6/2025	<3.00	<3.00	<3.00									
Chloroform	67-66-3	ug/L	5/7/2025								<3.00				
Chloroform	67-66-3	ug/L	10/20/2025	<3.00											
Chloroform	67-66-3	ug/L	10/21/2025					<3.00							
Chloroform	67-66-3	ug/L	10/23/2025								<3.00				
Chloroform	67-66-3	ug/L	5/4/2026	<3.00				<3.00				<3.00			
Chloroform	67-66-3	ug/L	5/6/2026								<3.00				
Chloroform	67-66-3	ug/L	5/12/2026												<3.00
Chloromethane	74-87-3	ug/L	2/27/2008	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	5/12/2008	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	7/13/2008	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	9/14/2008	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	11/17/2008	<3	<3	<3	<3	<3	<3	<3	<3				
Chloromethane	74-87-3	ug/L	4/14/2009	<3	<3	<3	<3		<3	<3	<3				
Chloromethane	74-87-3	ug/L	7/7/2009										<3	<3	
Chloromethane	74-87-3	ug/L	9/2/2009										<3	<3	
Chloromethane	74-87-3	ug/L	10/25/2009	<3	<3	<3	<3		<3	<3	<3		<3	<3	
Chloromethane	74-87-3	ug/L	1/2/2010										<3	<3	
Chloromethane	74-87-3	ug/L	3/3/2010										<3	<3	<3
Chloromethane	74-87-3	ug/L	5/10/2010	<3	<3	<3	<3		<3	<3	<3			<3	<3
Chloromethane	74-87-3	ug/L	7/8/2010												<3
Chloromethane	74-87-3	ug/L	9/13/2010												<3
Chloromethane	74-87-3	ug/L	11/1/2010	<3	<3	<3	<3		<3	<3			<3	<3	
Chloromethane	74-87-3	ug/L	4/4/2011												<3
Chloromethane	74-87-3	ug/L	10/13/2011	<3	<3	<3	<3		<3	<3			<3	<3	<3
Chloromethane	74-87-3	ug/L	12/5/2011								<3				
Chloromethane	74-87-3	ug/L	4/11/2012	<3	<3	<3	<3		<3	<3	<3		<3	<3	<3
Chloromethane	74-87-3	ug/L	6/25/2012								<3				
Chloromethane	74-87-3	ug/L	8/1/2012								<3	<3			
Chloromethane	74-87-3	ug/L	10/11/2012	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	12/13/2012								<3	<3			
Chloromethane	74-87-3	ug/L	2/4/2013								<3	<3			
Chloromethane	74-87-3	ug/L	3/30/2013	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/7/2013		<3	<3			<3	<3	<3	<3	<3		<3
Chloromethane	74-87-3	ug/L	6/2/2014	<3	<3	<3	<3		<3	<3	<3	<3	1.89J	<3	<3
Chloromethane	74-87-3	ug/L	10/15/2014	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/6/2015	<3	<3	<3	<3			<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/5/2015	<3	<3	<3	<3			<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/4/2016	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/17/2016	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/17/2017	<3	<3	<3	0.509J		0.36J	0.441J	0.464J	<3	0.349J	<3	<3
Chloromethane	74-87-3	ug/L	10/11/2017	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/20/2018								<3				
Chloromethane	74-87-3	ug/L	4/24/2018						<3	<3			<3		
Chloromethane	74-87-3	ug/L	4/25/2018	<3	<3	<3	<3					<3		<3	<3
Chloromethane	74-87-3	ug/L	10/16/2018	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/16/2019	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/1/2019	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	3/30/2020	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/7/2020	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Chloromethane	74-87-3	ug/L	10/20/2021	<1				<1			<1				<1

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Chloromethane	74-87-3	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Chloromethane	74-87-3	ug/L	10/14/2022	<1				<1			<1				<1
Chloromethane	74-87-3	ug/L	5/1/2023	<3				<3	<3		<3	<3		<3	<3
Chloromethane	74-87-3	ug/L	10/16/2023	<3				<3			<3				<3
Chloromethane	74-87-3	ug/L	4/29/2024	<3				<3			<3	<3			<3
Chloromethane	74-87-3	ug/L	10/9/2024					<3.00							
Chloromethane	74-87-3	ug/L	10/10/2024	<3.00											<3.00
Chloromethane	74-87-3	ug/L	10/11/2024								<3.00				
Chloromethane	74-87-3	ug/L	4/23/2025							<3.00					
Chloromethane	74-87-3	ug/L	4/25/2025				<3.00	<3.00					<3.00		
Chloromethane	74-87-3	ug/L	4/28/2025												<3.00
Chloromethane	74-87-3	ug/L	4/30/2025									<3.00			
Chloromethane	74-87-3	ug/L	5/5/2025											<3.00	
Chloromethane	74-87-3	ug/L	5/6/2025	<3.00	<3.00	<3.00									
Chloromethane	74-87-3	ug/L	5/7/2025								<3.00				
Chloromethane	74-87-3	ug/L	10/20/2025	<3.00											
Chloromethane	74-87-3	ug/L	10/21/2025					<3.00							
Chloromethane	74-87-3	ug/L	10/23/2025								<3.00				
Chloromethane	74-87-3	ug/L	5/4/2026	<3.00				<3.00				<3.00			
Chloromethane	74-87-3	ug/L	5/6/2026								<3.00				
Chloromethane	74-87-3	ug/L	5/12/2026												<3.00
Chloroprene	126-99-8	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Chloroprene	126-99-8	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	
Chloroprene	126-99-8	ug/L	4/4/2011												<1
Chloroprene	126-99-8	ug/L	10/15/2014										<1		
Chloroprene	126-99-8	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1		<1	<1	
Chloroprene	126-99-8	ug/L	4/4/2016												<1
Chloroprene	126-99-8	ug/L	4/17/2017						<1						
Chloroprene	126-99-8	ug/L	3/30/2020	<1	<1	<1	<1			<1	<1		<1	<1	
Chloroprene	126-99-8	ug/L	10/20/2021												<1
Chloroprene	126-99-8	ug/L	5/2/2022						<1						
Chloroprene	126-99-8	ug/L	4/23/2025							<1.00					
Chloroprene	126-99-8	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Chloroprene	126-99-8	ug/L	5/5/2025											<1.00	
Chloroprene	126-99-8	ug/L	5/6/2025	<1.00	<1.00	<1.00									
Chloroprene	126-99-8	ug/L	5/7/2025								<1.00				
Chloroprene	126-99-8	ug/L	10/21/2025					<1.00							
Chromium	7440-47-3	mg/L	2/27/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Chromium	7440-47-3	mg/L	5/12/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Chromium	7440-47-3	mg/L	7/13/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Chromium	7440-47-3	mg/L	9/14/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Chromium	7440-47-3	mg/L	11/17/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Chromium	7440-47-3	mg/L	4/14/2009	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1				
Chromium	7440-47-3	mg/L	7/7/2009										<0.1	<0.1	
Chromium	7440-47-3	mg/L	9/2/2009										<0.1	<0.1	
Chromium	7440-47-3	mg/L	10/25/2009	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1		<0.1	<0.1	
Chromium	7440-47-3	mg/L	1/2/2010										<0.1	<0.1	
Chromium	7440-47-3	mg/L	3/3/2010										<0.1	<0.1	<0.1
Chromium	7440-47-3	mg/L	5/10/2010	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02			<0.02	<0.02
Chromium	7440-47-3	mg/L	7/8/2010												<0.1
Chromium	7440-47-3	mg/L	9/13/2010												<0.1
Chromium	7440-47-3	mg/L	11/1/2010										<0.1	<0.1	
Chromium	7440-47-3	mg/L	4/4/2011										<0.1	<0.1	<0.02
Chromium	7440-47-3	mg/L	7/8/2011												<0.1
Chromium	7440-47-3	mg/L	8/11/2011												<0.1
Chromium	7440-47-3	mg/L	10/13/2011		<0.02	<0.02	<0.02		<0.02	<0.02			<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	12/5/2011								<0.02				
Chromium	7440-47-3	mg/L	4/11/2012	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02		<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	6/25/2012								<0.02				
Chromium	7440-47-3	mg/L	8/1/2012								<0.02	<0.02			
Chromium	7440-47-3	mg/L	10/11/2012	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.067
Chromium	7440-47-3	mg/L	12/13/2012								<0.02	<0.02			
Chromium	7440-47-3	mg/L	3/30/2013	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	10/7/2013	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	0.0202	<0.02	<0.02
Chromium	7440-47-3	mg/L	6/2/2014	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	10/15/2014	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chromium	7440-47-3	mg/L	4/6/2015	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	10/5/2015	<0.005	<0.005	<0.005	<0.005			<0.005	0.00341J	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	4/4/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0.000632J	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	10/17/2016	<0.005	0.000514J	<0.005	<0.005		<0.005	<0.005	0.000597J	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	4/17/2017	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	10/11/2017	<0.005	<0.005	<0.005	0.000867J		<0.005	<0.005	0.00185J	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	4/20/2018								0.00177J				
Chromium	7440-47-3	mg/L	4/24/2018						<0.005	<0.005			<0.005		
Chromium	7440-47-3	mg/L	4/25/2018	<0.005	0.0014J	<0.02	<0.005					<0.005		<0.005	<0.005
Chromium	7440-47-3	mg/L	10/16/2018	<0.005	0.00168J	<0.005	0.00507		0.00364J	0.00332J	0.00988	0.0174	0.00333J	<0.005	<0.005
Chromium	7440-47-3	mg/L	4/16/2019	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	10/1/2019	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	3/30/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	10/7/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	4/13/2021	<0.008	0.0006J	<0.008	<0.008		<0.008	<0.008	0.0008J	<0.008	<0.008	<0.008	<0.008
Chromium	7440-47-3	mg/L	10/20/2021	<0.008				<0.008			0.001J; 0.003J				<0.008
Chromium	7440-47-3	mg/L	5/2/2022	0.001J; 0.0006J				<0.008	<0.008		0.0029J	0.0034J			<0.008
Chromium	7440-47-3	mg/L	10/14/2022	<0.008				<0.008			0.0048J; 0.0036J				0.0007J
Chromium	7440-47-3	mg/L	5/1/2023	<0.005				<0.005			<0.005	<0.005			<0.005
Chromium	7440-47-3	mg/L	10/16/2023	<0.005				<0.005			<0.005				<0.005
Chromium	7440-47-3	mg/L	4/29/2024	<0.005				<0.005			<0.005	<0.005			<0.02
Chromium	7440-47-3	mg/L	10/9/2024					<0.00500							

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Chromium	7440-47-3	mg/L	10/10/2024	<0.00500											<0.00500
Chromium	7440-47-3	mg/L	10/11/2024								<0.00500				
Chromium	7440-47-3	mg/L	4/23/2025							<0.00500					
Chromium	7440-47-3	mg/L	4/25/2025				<0.00500	<0.00500					<0.00500		
Chromium	7440-47-3	mg/L	4/28/2025												<0.0250
Chromium	7440-47-3	mg/L	4/30/2025									<0.00500			
Chromium	7440-47-3	mg/L	5/5/2025											<0.00500	
Chromium	7440-47-3	mg/L	5/6/2025	<0.00500	<0.00500	<0.00500									
Chromium	7440-47-3	mg/L	5/7/2025								0.00419				
Chromium	7440-47-3	mg/L	10/20/2025	<0.00500											
Chromium	7440-47-3	mg/L	10/21/2025					0.00774							
Chromium	7440-47-3	mg/L	10/23/2025								0.00190				
Chromium	7440-47-3	mg/L	5/4/2026	<0.00500				<0.00500				<0.00500			
Chromium	7440-47-3	mg/L	5/6/2026								0.00412				
Chromium	7440-47-3	mg/L	5/12/2026												<0.00500
Chrysene	218-01-9	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Chrysene	218-01-9	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Chrysene	218-01-9	ug/L	4/4/2011												<10
Chrysene	218-01-9	ug/L	10/15/2014										<10		
Chrysene	218-01-9	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Chrysene	218-01-9	ug/L	4/4/2016												<10.3
Chrysene	218-01-9	ug/L	4/17/2017						<11						
Chrysene	218-01-9	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Chrysene	218-01-9	ug/L	10/20/2021												<8
Chrysene	218-01-9	ug/L	5/2/2022						<8						
Chrysene	218-01-9	ug/L	4/23/2025							<10.4					
Chrysene	218-01-9	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Chrysene	218-01-9	ug/L	5/5/2025											<10.0	
Chrysene	218-01-9	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Chrysene	218-01-9	ug/L	5/7/2025								<10.6				
Chrysene	218-01-9	ug/L	10/21/2025					<10.4							
Cobalt	7440-48-4	mg/L	2/27/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	5/12/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	7/13/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	9/14/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	11/17/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	4/14/2009	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02				
Cobalt	7440-48-4	mg/L	7/7/2009										<0.02	<0.02	
Cobalt	7440-48-4	mg/L	9/2/2009										<0.02	<0.02	
Cobalt	7440-48-4	mg/L	10/25/2009	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02		<0.02	<0.02	
Cobalt	7440-48-4	mg/L	1/2/2010										<0.02	<0.02	
Cobalt	7440-48-4	mg/L	3/3/2010										<0.02	<0.02	0.0389
Cobalt	7440-48-4	mg/L	5/10/2010	<0.02	<0.02	0.0025	0.0151		0.01	0.00803	<0.02			0.00689	0.0336
Cobalt	7440-48-4	mg/L	7/8/2010										0.0182	0.00539	0.0298
Cobalt	7440-48-4	mg/L	9/13/2010										0.018	0.00649	0.0219
Cobalt	7440-48-4	mg/L	11/1/2010	<0.02	0.00272	0.00298	0.00332		0.00942	0.00592			0.0117	0.00558	
Cobalt	7440-48-4	mg/L	1/10/2011										0.015	0.00344	
Cobalt	7440-48-4	mg/L	4/4/2011			0.0034	0.00422						0.0143	0.00454	0.0313
Cobalt	7440-48-4	mg/L	7/8/2011												0.0141
Cobalt	7440-48-4	mg/L	8/11/2011												0.0162
Cobalt	7440-48-4	mg/L	10/13/2011		0.00272	0.00258	0.00237		0.00909	0.00778			0.017	0.00575	0.0214
Cobalt	7440-48-4	mg/L	12/5/2011								0.0017				0.00757
Cobalt	7440-48-4	mg/L	4/11/2012	<0.02	<0.02	0.00631	0.00178		0.00981	0.00826	0.00761		0.0178	0.00571	0.00631
Cobalt	7440-48-4	mg/L	6/25/2012								<0.02				
Cobalt	7440-48-4	mg/L	8/1/2012								<0.02	0.00445			
Cobalt	7440-48-4	mg/L	10/11/2012	0.00417	0.00325	<0.02	0.0109		0.00833	0.00703	<0.02	0.00249	0.0158	0.00635	0.0559
Cobalt	7440-48-4	mg/L	12/13/2012								<0.00155	0.00202			
Cobalt	7440-48-4	mg/L	3/30/2013	0.00223	0.00502	0.00289	0.00404		0.0103	0.00709	<0.00132	<0.00132	0.0158	0.00687	0.0228
Cobalt	7440-48-4	mg/L	10/7/2013	<0.007	<0.007	<0.007	0.013		0.00983	0.00757	<0.007	<0.007	0.0176	<0.007	0.0263
Cobalt	7440-48-4	mg/L	6/2/2014	<0.00241	<0.00241	<0.00241	<0.00241		0.0081	0.00643	0.0107	<0.00241	0.0131	0.00372	0.00484
Cobalt	7440-48-4	mg/L	10/15/2014	<0.00241	<0.00241	<0.00241	<0.00241		0.00881	0.00615	0.00342	<0.00241	0.0141	0.00533	0.00652
Cobalt	7440-48-4	mg/L	4/6/2015	0.000117J	0.00215	0.000894	0.00135			0.00668	0.000275J	0.000335J	0.0159	0.00682	0.00689
Cobalt	7440-48-4	mg/L	10/5/2015	0.000104J	0.00122	0.00051	0.00103			0.007	0.0075	0.000614	0.0138	0.00645	0.00978; 0.0112
Cobalt	7440-48-4	mg/L	4/4/2016	0.000115J	0.000525	0.000459J	0.000749		0.00803	0.00638	0.000504	0.000386J	0.0337	0.00572; 0.0059	0.00975
Cobalt	7440-48-4	mg/L	10/17/2016	0.000082J	0.00103	0.000431J	0.00091		0.00798	0.00742; 0.00756	0.000582	0.000424J	0.0193	0.00604	0.0132
Cobalt	7440-48-4	mg/L	4/17/2017	0.000073J; 0.000064J	0.00037J	0.000147J; 0.000221J	0.00114		0.00199	0.00654	0.000234J	0.000501	0.00558	0.00647	0.00906
Cobalt	7440-48-4	mg/L	10/11/2017	0.00006J	0.00403	0.00014J; 0.000159J	0.00212		0.00195	0.00539	0.00732	0.000905	0.0159	0.0057	0.0147
Cobalt	7440-48-4	mg/L	4/20/2018								0.000726				
Cobalt	7440-48-4	mg/L	4/24/2018						0.00269	0.00438			0.0181		
Cobalt	7440-48-4	mg/L	4/25/2018	0.0002J	0.000796	<0.002	0.00106					0.000904		0.00508	0.017; 0.019
Cobalt	7440-48-4	mg/L	10/16/2018	<0.001	0.00053J	<0.001	0.000973J		0.00152	0.00855	0.00198	0.00817	0.0172	0.00552	0.0483
Cobalt	7440-48-4	mg/L	4/16/2019	<0.0005; 0.000106J	0.000111J	0.000115J	0.000886		0.000696	0.00185	0.000267J	0.000728	0.02	0.00614	0.0528
Cobalt	7440-48-4	mg/L	10/1/2019	<0.0005	0.00548	0.000106J	0.00158		0.00049J	0.00677	0.000334J; 0.000261J	0.000948	0.0182	0.00627	0.0476
Cobalt	7440-48-4	mg/L	3/30/2020	<0.0005	0.000255J	0.000169J	0.000963		0.000962	0.00705	0.000314J	0.000204J	0.0134	0.00646	0.0577; 0.06
Cobalt	7440-48-4	mg/L	10/7/2020	<0.0005	0.00451	0.000119J	0.000931		0.000657	0.00617	0.000232J	0.00207	0.00831	0.00609; 0.00619	0.0487
Cobalt	7440-48-4	mg/L	4/13/2021	<0.0004	0.0003J	0.0003J	0.0006		0.0005	0.0028	0.0003J	0.0007	0.0067	0.006	0.0825
Cobalt	7440-48-4	mg/L	10/20/2021	0.0001J				<0.0004			0.0009; 0.0016				0.102
Cobalt	7440-48-4	mg/L	5/2/2022	<0.0004; 0.0004	0.0003J	0.0003J	0.0031	<0.0004	0.0014	0.0071	0.0018	0.009	0.0016	0.0093	0.0843
Cobalt	7440-48-4	mg/L	10/14/2022	<0.0004				0.0016J			0.0044; 0.0024				0.081
Cobalt	7440-48-4	mg/L	5/1/2023	0.000216J	0.000276J	0.000257J	0.00163	<0.0005	0.000527	0.00374	0.00162	0.00123	0.000456J	0.00419	0.0411
Cobalt	7440-48-4	mg/L	10/16/2023	<0.0005				<0.0005			0.000727; 0.000701				0.0358
Cobalt	7440-48-4	mg/L	4/29/2024	0.000348J	<0.0005	<0.0005	0.00941	0.000299J	0.000328J	0.00118	0.000195J	0.00095	0.000297J	0.00427; 0.00432	0.0641
Cobalt	7440-48-4	mg/L	10/9/2024					<0.000500							
Cobalt	7440-48-4	mg/L	10/10/2024	<0.000500											0.0509
Cobalt	7440-48-4	mg/L	10/11/2024								0.000243J				
Cobalt	7440-48-4	mg/L	4/23/2025							0.00144					
Cobalt	7440-48-4	mg/L	4/25/2025				0.000832	<0.000500					0.000268		
Cobalt	7440-48-4	mg/L	4/28/2025												0.223

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Cobalt	7440-48-4	mg/L	4/30/2025									0.000379			
Cobalt	7440-48-4	mg/L	5/5/2025											0.00290	
Cobalt	7440-48-4	mg/L	5/6/2025	0.000353	0.00120	0.000186									
Cobalt	7440-48-4	mg/L	5/7/2025						0.000659		0.00115				
Cobalt	7440-48-4	mg/L	10/20/2025	<0.000500											
Cobalt	7440-48-4	mg/L	10/21/2025					<0.000500							
Cobalt	7440-48-4	mg/L	10/23/2025								0.00146				
Cobalt	7440-48-4	mg/L	5/4/2026	<0.00100				<0.00100	0.000767			<0.00100			
Cobalt	7440-48-4	mg/L	5/5/2026		0.000721	<0.00100	0.00873			0.00496			<0.00100	0.00240	
Cobalt	7440-48-4	mg/L	5/6/2026								0.00109				
Cobalt	7440-48-4	mg/L	5/12/2026												0.0488
Copper	7440-50-8	mg/L	2/27/2008	0.028	0.032	0.031	0.049	0.029	0.027	<0.025	0.053				
Copper	7440-50-8	mg/L	5/12/2008	<0.025	<0.025	0.095	0.039	0.037	<0.025	<0.025	<0.025				
Copper	7440-50-8	mg/L	7/13/2008	<0.025	<0.025	0.03	<0.025	<0.025	<0.025	<0.025	0.03				
Copper	7440-50-8	mg/L	9/14/2008	<0.025	<0.025	<0.025	0.027	<0.025	<0.025	<0.025	<0.025				
Copper	7440-50-8	mg/L	11/17/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Copper	7440-50-8	mg/L	4/14/2009	<0.025	<0.025	<0.025; 0.026	0.048		<0.025	<0.025	<0.025				
Copper	7440-50-8	mg/L	7/7/2009			<0.025	<0.025						<0.025	<0.025	
Copper	7440-50-8	mg/L	9/2/2009			0.034; 0.038	<0.025						<0.025	<0.025	
Copper	7440-50-8	mg/L	10/25/2009	<0.025	<0.025	0.043	<0.025		<0.025	<0.025	<0.025		<0.025	<0.025	
Copper	7440-50-8	mg/L	1/2/2010			<0.025	<0.025						<0.025	<0.025	
Copper	7440-50-8	mg/L	3/3/2010										<0.025	<0.025	<0.025
Copper	7440-50-8	mg/L	5/10/2010	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02			<0.02	<0.02
Copper	7440-50-8	mg/L	7/8/2010												<0.025
Copper	7440-50-8	mg/L	9/13/2010												<0.025
Copper	7440-50-8	mg/L	11/1/2010										<0.025	<0.025	
Copper	7440-50-8	mg/L	4/4/2011										<0.025	<0.025	<0.02
Copper	7440-50-8	mg/L	7/8/2011												<0.025
Copper	7440-50-8	mg/L	8/11/2011												<0.025
Copper	7440-50-8	mg/L	10/13/2011		<0.02	<0.02	<0.02		<0.02	<0.02			<0.02	<0.02	0.0305
Copper	7440-50-8	mg/L	12/5/2011								<0.02				
Copper	7440-50-8	mg/L	4/11/2012	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	0.0327		<0.02	<0.02	<0.02
Copper	7440-50-8	mg/L	6/25/2012								<0.02				
Copper	7440-50-8	mg/L	8/1/2012								<0.02	<0.02			
Copper	7440-50-8	mg/L	10/11/2012	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.0888
Copper	7440-50-8	mg/L	12/13/2012								<0.02	<0.02			
Copper	7440-50-8	mg/L	3/30/2013	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Copper	7440-50-8	mg/L	10/7/2013	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	0.128	<0.02	<0.02	<0.02	0.0324
Copper	7440-50-8	mg/L	6/2/2014	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	0.111	<0.02	<0.02	<0.02	<0.02
Copper	7440-50-8	mg/L	10/15/2014	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	0.0361	0.00376J	0.00488J	0.00427J	0.005J
Copper	7440-50-8	mg/L	4/6/2015	<0.002	0.00129J	<0.002	<0.002			0.000491J	0.000937J	<0.002	0.00145J	0.00176J	0.0013J
Copper	7440-50-8	mg/L	10/5/2015	<0.002	0.00215	0.000636J	<0.002			<0.002	0.0191	<0.002	0.0023	0.00526	0.000676J; 0.000855J
Copper	7440-50-8	mg/L	4/4/2016	<0.005	0.00248J	<0.005	<0.005		<0.005	<0.005	0.00154J	<0.005	0.00124J	0.00237J; 0.00253J	<0.005
Copper	7440-50-8	mg/L	10/17/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0.00177J	<0.005	0.00122J	0.00636	<0.005
Copper	7440-50-8	mg/L	4/17/2017	<0.005	0.00292J	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.00265J
Copper	7440-50-8	mg/L	10/11/2017	<0.005	<0.005	<0.005	<0.005		0.022	<0.005	0.0193	<0.005	<0.005	0.00319J	<0.005
Copper	7440-50-8	mg/L	4/20/2018								0.00176J				
Copper	7440-50-8	mg/L	4/24/2018						<0.005	<0.005			<0.005		
Copper	7440-50-8	mg/L	4/25/2018	<0.005	0.0052	<0.02	<0.005					<0.005		<0.005	<0.005
Copper	7440-50-8	mg/L	10/16/2018	0.000772J	0.0031	0.00072J; 0.000589J	0.00154J		0.00189J	0.00142J	0.00588	0.0129	0.00184J	0.00292	0.00367
Copper	7440-50-8	mg/L	4/16/2019	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0.00266J	<0.005	<0.005	<0.005	<0.005
Copper	7440-50-8	mg/L	10/1/2019	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	0.00222J	<0.005
Copper	7440-50-8	mg/L	3/30/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	0.00368J	<0.005
Copper	7440-50-8	mg/L	10/7/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	0.00151J	<0.005	0.00422J; 0.00356J	<0.005
Copper	7440-50-8	mg/L	4/13/2021	<0.004	0.0028J	<0.004	<0.004		0.0013J	0.002J	0.0015J	0.0011J	<0.004	0.0101	<0.004
Copper	7440-50-8	mg/L	10/20/2021	<0.004				<0.004			0.0016J; 0.0043				0.0017J
Copper	7440-50-8	mg/L	5/2/2022	<0.004	0.0022J	<0.004	0.0011J	0.0012J	0.001J	0.0016J	0.0053	0.0034J	<0.004	0.002J	<0.004
Copper	7440-50-8	mg/L	10/14/2022	<0.004				<0.004			0.0066				0.0015J
Copper	7440-50-8	mg/L	5/1/2023	<0.005	0.00356J	0.0032J	<0.005	0.00222J; <0.005	0.00281J	0.00547	0.0126	0.00194J	0.00304J	<0.005	<0.005
Copper	7440-50-8	mg/L	10/16/2023	<0.005				<0.005			<0.005				<0.005
Copper	7440-50-8	mg/L	4/29/2024	<0.005	0.00188J	<0.005	0.00206J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00324J	<0.005	0.0025J
Copper	7440-50-8	mg/L	10/9/2024					<0.00500							
Copper	7440-50-8	mg/L	10/10/2024	<0.00500											<0.00500
Copper	7440-50-8	mg/L	10/11/2024								<0.00500				
Copper	7440-50-8	mg/L	4/23/2025							<0.00500					
Copper	7440-50-8	mg/L	4/25/2025				<0.00500	<0.00500					<0.00500		
Copper	7440-50-8	mg/L	4/28/2025												<0.0250
Copper	7440-50-8	mg/L	4/30/2025									<0.00500			
Copper	7440-50-8	mg/L	5/5/2025											<0.00500	
Copper	7440-50-8	mg/L	5/6/2025	0.00357	<0.00500	<0.00500									
Copper	7440-50-8	mg/L	5/7/2025						<0.00500		<0.00500				
Copper	7440-50-8	mg/L	10/20/2025	<0.00500											
Copper	7440-50-8	mg/L	10/21/2025					<0.00500							
Copper	7440-50-8	mg/L	10/23/2025								<0.00500				
Copper	7440-50-8	mg/L	5/4/2026	<0.00200				<0.00200	0.000704			<0.00200			
Copper	7440-50-8	mg/L	5/5/2026		0.00245	<0.00200	0.000756			0.00182			0.00325	0.000781	
Copper	7440-50-8	mg/L	5/6/2026								0.00277				
Copper	7440-50-8	mg/L	5/12/2026												<0.00200
Cyanide	57-12-5	mg/L	4/14/2009	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01				
Cyanide	57-12-5	mg/L	5/10/2010	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01			<0.01	
Cyanide	57-12-5	mg/L	4/4/2011												<0.01
Cyanide	57-12-5	mg/L	10/15/2014										<0.01		
Cyanide	57-12-5	mg/L	10/5/2015	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		<0.01	<0.01	
Cyanide	57-12-5	mg/L	4/4/2016												<0.01
Cyanide	57-12-5	mg/L	4/17/2017						<0.01						
Cyanide	57-12-5	mg/L	3/30/2020	<0.01	<0.01	<0.01	<0.01			<0.01	<0.01		<0.01	<0.01	
Cyanide	57-12-5	mg/L	10/20/2021												<0.005
Cyanide	57-12-5	mg/L	5/2/2022						<0.005						

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Cyanide, Total	57-12-5	mg/L	4/23/2025							<0.0100					
Cyanide, Total	57-12-5	mg/L	4/25/2025				<0.0100	<0.0100					<0.0100		
Cyanide, Total	57-12-5	mg/L	5/5/2025											<0.0100	
Cyanide, Total	57-12-5	mg/L	5/6/2025	<0.0100	<0.0100	<0.0100									
Cyanide, Total	57-12-5	mg/L	5/7/2025								<0.0100				
Cyanide, Total	57-12-5	mg/L	10/21/2025					<0.0100							
DCAA	19719-28-9	ug/L	4/23/2025							1.34; 1.41					
DCAA	19719-28-9	ug/L	4/25/2025				1.36; 1.46	1.26; 1.16					1.24; 1.36		
DCAA	19719-28-9	ug/L	5/5/2025											0.926; 0.975	
DCAA	19719-28-9	ug/L	5/6/2025	2.16; 1.82	1.97; 1.88	2.06; 1.95									
DCAA	19719-28-9	ug/L	5/7/2025								1.26; 1.18				
DCAA	19719-28-9	ug/L	10/21/2025					1.33; 1.23							
Delta-BHC	319-86-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Delta-BHC	319-86-8	ug/L	7/7/2009			<0.032	<0.032								
Delta-BHC	319-86-8	ug/L	9/2/2009				<0.032								
Delta-BHC	319-86-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Delta-BHC	319-86-8	ug/L	4/4/2011												<0.032
Delta-BHC	319-86-8	ug/L	10/15/2014										0.00772J		
Delta-BHC	319-86-8	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		0.00601J	<0.032	
Delta-BHC	319-86-8	ug/L	4/4/2016												<0.0333
Delta-BHC	319-86-8	ug/L	4/17/2017						<0.0337						
Delta-BHC	319-86-8	ug/L	3/30/2020	0.0028J	<0.0337	<0.0333	<0.0333			<0.034	0.00288J		<0.0337	<0.0337	
Delta-BHC	319-86-8	ug/L	10/20/2021												<0.05
Delta-BHC	319-86-8	ug/L	5/2/2022						<0.05						
Di-n-butyl phthalate	84-74-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Di-n-butyl phthalate	84-74-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Di-n-butyl phthalate	84-74-2	ug/L	4/4/2011												<10
Di-n-butyl phthalate	84-74-2	ug/L	10/15/2014										<10		
Di-n-butyl phthalate	84-74-2	ug/L	10/5/2015	1.53J	<10.3	1.77J	1.31J			<10.3	<10.8		<10.9	<10	
Di-n-butyl phthalate	84-74-2	ug/L	4/4/2016												<10.3
Di-n-butyl phthalate	84-74-2	ug/L	4/17/2017						<11						
Di-n-butyl phthalate	84-74-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Di-n-butyl phthalate	84-74-2	ug/L	10/20/2021												<8
Di-n-butyl phthalate	84-74-2	ug/L	5/2/2022						<8						
Di-n-butyl phthalate	84-74-2	ug/L	4/23/2025							<10.4					
Di-n-butyl phthalate	84-74-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Di-n-butyl phthalate	84-74-2	ug/L	5/5/2025											<10.0	
Di-n-butyl phthalate	84-74-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Di-n-butyl phthalate	84-74-2	ug/L	5/7/2025								<10.6				
Di-n-butyl phthalate	84-74-2	ug/L	10/21/2025					<10.4							
Di-n-octyl phthalate	117-84-0	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Di-n-octyl phthalate	117-84-0	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Di-n-octyl phthalate	117-84-0	ug/L	4/4/2011												<10
Di-n-octyl phthalate	117-84-0	ug/L	10/15/2014										<20		
Di-n-octyl phthalate	117-84-0	ug/L	10/5/2015	<20	<20.6	<20	<20			<20.6	<21.5		<21.7	<20	
Di-n-octyl phthalate	117-84-0	ug/L	4/4/2016												<20.6
Di-n-octyl phthalate	117-84-0	ug/L	4/17/2017						<22						
Di-n-octyl phthalate	117-84-0	ug/L	3/30/2020	<20.8	<20.8	<20.8	<20.4			<20.4	<20.6		<20.8	<20.8	
Di-n-octyl phthalate	117-84-0	ug/L	10/20/2021												<8
Di-n-octyl phthalate	117-84-0	ug/L	5/2/2022						<8						
Di-n-octyl phthalate	117-84-0	ug/L	4/23/2025							<20.8					
Di-n-octyl phthalate	117-84-0	ug/L	4/25/2025				<20.8	<21.3					<20.4		
Di-n-octyl phthalate	117-84-0	ug/L	5/5/2025											<20.0	
Di-n-octyl phthalate	117-84-0	ug/L	5/6/2025	<20.8	<20.8	<20.8									
Di-n-octyl phthalate	117-84-0	ug/L	5/7/2025								<21.3				
Di-n-octyl phthalate	117-84-0	ug/L	10/21/2025					<20.8							
Diallate	2303-16-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Diallate	2303-16-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Diallate	2303-16-4	ug/L	4/4/2011												<10
Diallate	2303-16-4	ug/L	10/15/2014										<10		
Diallate	2303-16-4	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Diallate	2303-16-4	ug/L	4/4/2016												<10.3
Diallate	2303-16-4	ug/L	4/17/2017						<11						
Diallate	2303-16-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Diallate	2303-16-4	ug/L	10/20/2021												<8
Diallate	2303-16-4	ug/L	5/2/2022						<8						
Diallate	2303-16-4	ug/L	4/23/2025							<10.4					
Diallate	2303-16-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Diallate	2303-16-4	ug/L	5/5/2025											<10.0	
Diallate	2303-16-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Diallate	2303-16-4	ug/L	5/7/2025								<10.6				
Diallate	2303-16-4	ug/L	10/21/2025					<10.4							
Dibenz [a,h] anthracene	53-70-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Dibenz [a,h] anthracene	53-70-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Dibenz [a,h] anthracene	53-70-3	ug/L	4/4/2011												<10
Dibenz [a,h] anthracene	53-70-3	ug/L	10/15/2014										<10		
Dibenz [a,h] anthracene	53-70-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Dibenz [a,h] anthracene	53-70-3	ug/L	4/4/2016												<10.3
Dibenz [a,h] anthracene	53-70-3	ug/L	4/17/2017						<11						
Dibenz [a,h] anthracene	53-70-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Dibenz [a,h] anthracene	53-70-3	ug/L	10/20/2021												<8
Dibenz [a,h] anthracene	53-70-3	ug/L	5/2/2022						<8						
Dibenzo(a,h)anthracene	53-70-3	ug/L	4/23/2025							<10.4					
Dibenzo(a,h)anthracene	53-70-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Dibenzo(a,h)anthracene	53-70-3	ug/L	5/5/2025											<10.0	
Dibenzo(a,h)anthracene	53-70-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Dibenzo(a,h)anthracene	53-70-3	ug/L	5/7/2025								<10.6				
Dibenzo(a,h)anthracene	53-70-3	ug/L	10/21/2025					<10.4							

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Dibenzofuran	132-64-9	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Dibenzofuran	132-64-9	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Dibenzofuran	132-64-9	ug/L	4/4/2011												<10
Dibenzofuran	132-64-9	ug/L	10/15/2014										<10		
Dibenzofuran	132-64-9	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Dibenzofuran	132-64-9	ug/L	4/4/2016												<10.3
Dibenzofuran	132-64-9	ug/L	4/17/2017						<11						
Dibenzofuran	132-64-9	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Dibenzofuran	132-64-9	ug/L	10/20/2021												<8
Dibenzofuran	132-64-9	ug/L	5/2/2022						<8						
Dibenzofuran	132-64-9	ug/L	4/23/2025							<10.4					
Dibenzofuran	132-64-9	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Dibenzofuran	132-64-9	ug/L	5/5/2025											<10.0	
Dibenzofuran	132-64-9	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Dibenzofuran	132-64-9	ug/L	5/7/2025								<10.6				
Dibenzofuran	132-64-9	ug/L	10/21/2025					<10.4							
Dibromomethane	74-95-3	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Dibromomethane	74-95-3	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Dibromomethane	74-95-3	ug/L	7/7/2009										<1	<1	
Dibromomethane	74-95-3	ug/L	9/2/2009										<1	<1	
Dibromomethane	74-95-3	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
Dibromomethane	74-95-3	ug/L	1/2/2010										<1	<1	
Dibromomethane	74-95-3	ug/L	3/3/2010										<1	<1	<1
Dibromomethane	74-95-3	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
Dibromomethane	74-95-3	ug/L	7/8/2010												<1
Dibromomethane	74-95-3	ug/L	9/13/2010												<1
Dibromomethane	74-95-3	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Dibromomethane	74-95-3	ug/L	4/4/2011												<1
Dibromomethane	74-95-3	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Dibromomethane	74-95-3	ug/L	12/5/2011								<1				
Dibromomethane	74-95-3	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Dibromomethane	74-95-3	ug/L	6/25/2012								<1				
Dibromomethane	74-95-3	ug/L	8/1/2012								<1	<1			
Dibromomethane	74-95-3	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	12/13/2012								<1	<1			
Dibromomethane	74-95-3	ug/L	2/4/2013								<1	<1			
Dibromomethane	74-95-3	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Dibromomethane	74-95-3	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/20/2018								<1				
Dibromomethane	74-95-3	ug/L	4/24/2018						<1	<1			<1		
Dibromomethane	74-95-3	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
Dibromomethane	74-95-3	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Dibromomethane	74-95-3	ug/L	10/20/2021	<1				<1			<1				<1
Dibromomethane	74-95-3	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Dibromomethane	74-95-3	ug/L	10/14/2022	<1				<1			<1				<1
Dibromomethane	74-95-3	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
Dibromomethane	74-95-3	ug/L	10/16/2023	<1				<1			<1				<1
Dibromomethane	74-95-3	ug/L	4/29/2024	<1				<1			<1	<1			<1
Dibromomethane	74-95-3	ug/L	10/9/2024					<1.00							
Dibromomethane	74-95-3	ug/L	10/10/2024	<1.00											<1.00
Dibromomethane	74-95-3	ug/L	10/11/2024								<1.00				
Dibromomethane	74-95-3	ug/L	4/23/2025							<1.00					
Dibromomethane	74-95-3	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Dibromomethane	74-95-3	ug/L	4/28/2025												<1.00
Dibromomethane	74-95-3	ug/L	4/30/2025									<1.00			
Dibromomethane	74-95-3	ug/L	5/5/2025											<1.00	
Dibromomethane	74-95-3	ug/L	5/6/2025	<1.00	<1.00	<1.00									
Dibromomethane	74-95-3	ug/L	5/7/2025								<1.00				
Dibromomethane	74-95-3	ug/L	10/20/2025	<1.00											
Dibromomethane	74-95-3	ug/L	10/21/2025					<1.00							
Dibromomethane	74-95-3	ug/L	10/23/2025								<1.00				
Dibromomethane	74-95-3	ug/L	5/4/2026	<1.00				<1.00				<1.00			
Dibromomethane	74-95-3	ug/L	5/6/2026								<1.00				
Dibromomethane	74-95-3	ug/L	5/12/2026												<1.00
Dichlorodifluoromethane	75-71-8	ug/L	4/14/2009	<3	<3	<3	<3		<3	<3	<3				
Dichlorodifluoromethane	75-71-8	ug/L	5/10/2010	<4	<3	<3	<3		<3	<3	<3			<3	
Dichlorodifluoromethane	75-71-8	ug/L	4/4/2011												<3
Dichlorodifluoromethane	75-71-8	ug/L	10/15/2014										<3		
Dichlorodifluoromethane	75-71-8	ug/L	10/5/2015	<3	<3	<3	0.438J			<3	<3		0.965J	<3	
Dichlorodifluoromethane	75-71-8	ug/L	4/4/2016												<3
Dichlorodifluoromethane	75-71-8	ug/L	4/17/2017						<3						

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Dichlorodifluoromethane	75-71-8	ug/L	3/30/2020	<3	<3	<3	<3			<3	<3		<3	<3	
Dichlorodifluoromethane	75-71-8	ug/L	10/20/2021												<1
Dichlorodifluoromethane	75-71-8	ug/L	5/2/2022						<1						
Dichlorodifluoromethane	75-71-8	ug/L	4/23/2025							<3.00					
Dichlorodifluoromethane	75-71-8	ug/L	4/25/2025				<3.00	<3.00					<3.00		
Dichlorodifluoromethane	75-71-8	ug/L	5/5/2025											<3.00	
Dichlorodifluoromethane	75-71-8	ug/L	5/6/2025	<3.00	<3.00	<3.00									
Dichlorodifluoromethane	75-71-8	ug/L	5/7/2025								<3.00				
Dichlorodifluoromethane	75-71-8	ug/L	10/21/2025					<3.00							
Dieldrin	60-57-1	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Dieldrin	60-57-1	ug/L	7/7/2009			<0.032	<0.032								
Dieldrin	60-57-1	ug/L	9/2/2009				<0.032								
Dieldrin	60-57-1	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Dieldrin	60-57-1	ug/L	4/4/2011												<0.032
Dieldrin	60-57-1	ug/L	10/15/2014										0.0128J		
Dieldrin	60-57-1	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		0.00766J	<0.032	
Dieldrin	60-57-1	ug/L	4/4/2016												0.00228J
Dieldrin	60-57-1	ug/L	4/17/2017						<0.0337						
Dieldrin	60-57-1	ug/L	3/30/2020	<0.0333	<0.0337	0.00309J	<0.0333			<0.034	<0.033		<0.0337	0.00433J	
Dieldrin	60-57-1	ug/L	10/20/2021												<0.05
Dieldrin	60-57-1	ug/L	5/2/2022						<0.05						
Dieldrin	60-57-1	ug/L	4/23/2025							<0.0904					
Dieldrin	60-57-1	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
Dieldrin	60-57-1	ug/L	5/5/2025											<0.0904	
Dieldrin	60-57-1	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
Dieldrin	60-57-1	ug/L	5/7/2025								<0.0897				
Dieldrin	60-57-1	ug/L	10/21/2025					<0.0900							
Diethyl phthalate	84-66-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Diethyl phthalate	84-66-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Diethyl phthalate	84-66-2	ug/L	4/4/2011												<10
Diethyl phthalate	84-66-2	ug/L	10/15/2014										<10		
Diethyl phthalate	84-66-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Diethyl phthalate	84-66-2	ug/L	4/4/2016												<10.3
Diethyl phthalate	84-66-2	ug/L	4/17/2017						<11						
Diethyl phthalate	84-66-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Diethyl phthalate	84-66-2	ug/L	10/20/2021												<8
Diethyl phthalate	84-66-2	ug/L	5/2/2022						<8						
Diethyl phthalate	84-66-2	ug/L	4/23/2025							<10.4					
Diethyl phthalate	84-66-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Diethyl phthalate	84-66-2	ug/L	5/5/2025											<10.0	
Diethyl phthalate	84-66-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Diethyl phthalate	84-66-2	ug/L	5/7/2025								<10.6				
Diethyl phthalate	84-66-2	ug/L	10/21/2025					<10.4							
Dimethoate	60-51-5	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Dimethoate	60-51-5	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Dimethoate	60-51-5	ug/L	4/4/2011												<10
Dimethoate	60-51-5	ug/L	10/15/2014										<10		
Dimethoate	60-51-5	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Dimethoate	60-51-5	ug/L	4/4/2016												<10.3
Dimethoate	60-51-5	ug/L	4/17/2017						<11						
Dimethoate	60-51-5	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Dimethoate	60-51-5	ug/L	10/20/2021												<0.4
Dimethoate	60-51-5	ug/L	5/2/2022						<0.4						
Dimethoate	60-51-5	ug/L	4/23/2025							<10.4					
Dimethoate	60-51-5	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Dimethoate	60-51-5	ug/L	5/5/2025											<10.0	
Dimethoate	60-51-5	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Dimethoate	60-51-5	ug/L	5/7/2025								<10.6				
Dimethoate	60-51-5	ug/L	10/21/2025					<10.4							
Dimethyl phthalate	131-11-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Dimethyl phthalate	131-11-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Dimethyl phthalate	131-11-3	ug/L	4/4/2011												<10
Dimethyl phthalate	131-11-3	ug/L	10/15/2014										<10		
Dimethyl phthalate	131-11-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Dimethyl phthalate	131-11-3	ug/L	4/4/2016												<10.3
Dimethyl phthalate	131-11-3	ug/L	4/17/2017						<11						
Dimethyl phthalate	131-11-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Dimethyl phthalate	131-11-3	ug/L	10/20/2021												<8
Dimethyl phthalate	131-11-3	ug/L	5/2/2022						<8						
Dimethyl phthalate	131-11-3	ug/L	4/23/2025							<10.4					
Dimethyl phthalate	131-11-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Dimethyl phthalate	131-11-3	ug/L	5/5/2025											<10.0	
Dimethyl phthalate	131-11-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Dimethyl phthalate	131-11-3	ug/L	5/7/2025								<10.6				
Dimethyl phthalate	131-11-3	ug/L	10/21/2025					<10.4							
Dimethylaminoazobenzene	60-11-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Dimethylaminoazobenzene	60-11-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Dimethylaminoazobenzene	60-11-7	ug/L	4/4/2011												<10
Dimethylaminoazobenzene	60-11-7	ug/L	10/15/2014										<10		
Dimethylaminoazobenzene	60-11-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Dimethylaminoazobenzene	60-11-7	ug/L	4/4/2016												<10.3
Dimethylaminoazobenzene	60-11-7	ug/L	4/17/2017						<11						
Dimethylaminoazobenzene	60-11-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Dimethylaminoazobenzene	60-11-7	ug/L	10/20/2021												<8
Dimethylaminoazobenzene	60-11-7	ug/L	5/2/2022						<8						
Dinoseb	88-85-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Dinoseb	88-85-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Dinoseb	88-85-7	ug/L	4/4/2011												<10

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Dinoseb	88-85-7	ug/L	10/15/2014										<10		
Dinoseb	88-85-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Dinoseb	88-85-7	ug/L	4/4/2016												<10.3
Dinoseb	88-85-7	ug/L	4/17/2017						<11						
Dinoseb	88-85-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Dinoseb	88-85-7	ug/L	10/20/2021												<0.5
Dinoseb	88-85-7	ug/L	5/2/2022						<0.5						
Dinoseb	88-85-7	ug/L	4/23/2025							<10.4					
Dinoseb	88-85-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Dinoseb	88-85-7	ug/L	5/5/2025											<10.0	
Dinoseb	88-85-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Dinoseb	88-85-7	ug/L	5/7/2025								<10.6				
Dinoseb	88-85-7	ug/L	10/21/2025					<10.4							
Diphenylamine	122-39-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Diphenylamine	122-39-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Diphenylamine	122-39-4	ug/L	4/4/2011												<10
Diphenylamine	122-39-4	ug/L	10/15/2014										<10		
Diphenylamine	122-39-4	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Diphenylamine	122-39-4	ug/L	4/4/2016												<10.3
Diphenylamine	122-39-4	ug/L	4/17/2017						<11						
Diphenylamine	122-39-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Diphenylamine	122-39-4	ug/L	10/20/2021												<8
Diphenylamine	122-39-4	ug/L	5/2/2022						<8						
Diphenylamine	122-39-4	ug/L	4/23/2025							<10.4					
Diphenylamine	122-39-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Diphenylamine	122-39-4	ug/L	5/5/2025											<10.0	
Diphenylamine	122-39-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Diphenylamine	122-39-4	ug/L	5/7/2025								<10.6				
Diphenylamine	122-39-4	ug/L	10/21/2025					<10.4							
Disulfoton	298-04-4	ug/L	4/14/2009	<70	<70	<70	<70		<70	<140	<70				
Disulfoton	298-04-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Disulfoton	298-04-4	ug/L	4/4/2011												<10
Disulfoton	298-04-4	ug/L	10/15/2014										<10		
Disulfoton	298-04-4	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Disulfoton	298-04-4	ug/L	4/4/2016												<10.3
Disulfoton	298-04-4	ug/L	4/17/2017						<11						
Disulfoton	298-04-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Disulfoton	298-04-4	ug/L	10/20/2021												<0.4
Disulfoton	298-04-4	ug/L	5/2/2022						<0.4						
Disulfoton	298-04-4	ug/L	4/23/2025							<10.4					
Disulfoton	298-04-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Disulfoton	298-04-4	ug/L	5/5/2025											<10.0	
Disulfoton	298-04-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Disulfoton	298-04-4	ug/L	5/7/2025								<10.6				
Disulfoton	298-04-4	ug/L	10/21/2025					<10.4							
Endosulfan I	959-98-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Endosulfan I	959-98-8	ug/L	7/7/2009			<0.032	<0.032								
Endosulfan I	959-98-8	ug/L	9/2/2009				<0.032								
Endosulfan I	959-98-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Endosulfan I	959-98-8	ug/L	4/4/2011												<0.032
Endosulfan I	959-98-8	ug/L	10/15/2014										0.00865J		
Endosulfan I	959-98-8	ug/L	10/5/2015	<0.032	<0.033	0.00225J	<0.032			<0.0323	<0.0327		0.00373J	<0.032	
Endosulfan I	959-98-8	ug/L	4/4/2016												<0.0333
Endosulfan I	959-98-8	ug/L	4/17/2017						<0.0337						
Endosulfan I	959-98-8	ug/L	3/30/2020	<0.0333	<0.0337	0.00368J	<0.0333			<0.034	<0.033		<0.0337	<0.0337	
Endosulfan I	959-98-8	ug/L	10/20/2021												<0.05
Endosulfan I	959-98-8	ug/L	5/2/2022						<0.05						
Endosulfan I	959-98-8	ug/L	4/23/2025							<0.0904					
Endosulfan I	959-98-8	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
Endosulfan I	959-98-8	ug/L	5/5/2025											<0.0904	
Endosulfan I	959-98-8	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
Endosulfan I	959-98-8	ug/L	5/7/2025								<0.0897				
Endosulfan I	959-98-8	ug/L	10/21/2025					<0.0900							
Endosulfan II	33213-65-9	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Endosulfan II	33213-65-9	ug/L	7/7/2009			<0.032	<0.032								
Endosulfan II	33213-65-9	ug/L	9/2/2009				<0.032								
Endosulfan II	33213-65-9	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Endosulfan II	33213-65-9	ug/L	4/4/2011												<0.032
Endosulfan II	33213-65-9	ug/L	10/15/2014										0.0276J		
Endosulfan II	33213-65-9	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		<0.0381	<0.032	
Endosulfan II	33213-65-9	ug/L	4/4/2016												<0.0333
Endosulfan II	33213-65-9	ug/L	4/17/2017						<0.0337						
Endosulfan II	33213-65-9	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.0333			0.00216J	<0.033		<0.0337	<0.0337	
Endosulfan II	33213-65-9	ug/L	10/20/2021												<0.05
Endosulfan II	33213-65-9	ug/L	5/2/2022						0.01J						
Endosulfan II	33213-65-9	ug/L	4/23/2025							<0.0904					
Endosulfan II	33213-65-9	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
Endosulfan II	33213-65-9	ug/L	5/5/2025											<0.0904	
Endosulfan II	33213-65-9	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
Endosulfan II	33213-65-9	ug/L	5/7/2025								<0.0897				
Endosulfan II	33213-65-9	ug/L	10/21/2025					<0.0900							
Endosulfan sulfate	1031-07-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Endosulfan sulfate	1031-07-8	ug/L	7/7/2009			<0.032	<0.032								
Endosulfan sulfate	1031-07-8	ug/L	9/2/2009				<0.032								
Endosulfan sulfate	1031-07-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Endosulfan sulfate	1031-07-8	ug/L	4/4/2011												<0.032
Endosulfan sulfate	1031-07-8	ug/L	10/15/2014										0.0028J		
Endosulfan sulfate	1031-07-8	ug/L	10/5/2015	<0.032	<0.033	<0.032	0.0193J			<0.0323	<0.0327		0.00358J	<0.032	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Endosulfan sulfate	1031-07-8	ug/L	4/4/2016												<0.0333
Endosulfan sulfate	1031-07-8	ug/L	4/17/2017						<0.0337						
Endosulfan sulfate	1031-07-8	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	0.0308J			<0.034	<0.033		<0.0337	0.00377J	
Endosulfan sulfate	1031-07-8	ug/L	10/20/2021												<0.05
Endosulfan sulfate	1031-07-8	ug/L	5/2/2022						<0.05						
Endosulfan sulfate	1031-07-8	ug/L	4/23/2025							<0.0904					
Endosulfan sulfate	1031-07-8	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
Endosulfan sulfate	1031-07-8	ug/L	5/5/2025											<0.0904	
Endosulfan sulfate	1031-07-8	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
Endosulfan sulfate	1031-07-8	ug/L	5/7/2025								<0.0897				
Endosulfan sulfate	1031-07-8	ug/L	10/21/2025					<0.0900							
Endrin	72-20-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Endrin	72-20-8	ug/L	7/7/2009			<0.032	<0.032								
Endrin	72-20-8	ug/L	9/2/2009				<0.032								
Endrin	72-20-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Endrin	72-20-8	ug/L	4/4/2011												<0.032
Endrin	72-20-8	ug/L	10/15/2014										0.56		
Endrin	72-20-8	ug/L	4/6/2015										0.0888		
Endrin	72-20-8	ug/L	6/10/2015										0.0457		
Endrin	72-20-8	ug/L	8/10/2015										0.119		
Endrin	72-20-8	ug/L	9/14/2015										<0.032		
Endrin	72-20-8	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			0.00529J	<0.0327		0.032J	<0.032	
Endrin	72-20-8	ug/L	4/4/2016										0.122		0.0162J
Endrin	72-20-8	ug/L	10/17/2016										<0.032		
Endrin	72-20-8	ug/L	4/17/2017						<0.0337				0.0638		
Endrin	72-20-8	ug/L	10/11/2017										0.00482J		
Endrin	72-20-8	ug/L	4/24/2018										<0.0333		
Endrin	72-20-8	ug/L	10/16/2018										0.00438J		
Endrin	72-20-8	ug/L	4/16/2019										<0.0327		
Endrin	72-20-8	ug/L	10/1/2019										0.00443J		
Endrin	72-20-8	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.0333			<0.034	<0.033		0.00763J	<0.0337	
Endrin	72-20-8	ug/L	10/7/2020										<0.0356		
Endrin	72-20-8	ug/L	4/13/2021										<0.05		
Endrin	72-20-8	ug/L	10/20/2021												<0.05
Endrin	72-20-8	ug/L	5/2/2022						<0.05				<0.05		
Endrin	72-20-8	ug/L	5/1/2023										<0.0696		
Endrin	72-20-8	ug/L	4/29/2024										<0.08		
Endrin	72-20-8	ug/L	4/23/2025							<0.0904					
Endrin	72-20-8	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
Endrin	72-20-8	ug/L	5/5/2025											<0.0904	
Endrin	72-20-8	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
Endrin	72-20-8	ug/L	5/7/2025								<0.0897				
Endrin	72-20-8	ug/L	10/21/2025					<0.0900							
Endrin aldehyde	7421-93-4	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Endrin aldehyde	7421-93-4	ug/L	7/7/2009			<0.032	<0.032								
Endrin aldehyde	7421-93-4	ug/L	9/2/2009				<0.032								
Endrin aldehyde	7421-93-4	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Endrin aldehyde	7421-93-4	ug/L	4/4/2011												<0.032
Endrin aldehyde	7421-93-4	ug/L	12/13/2012									<0.05			
Endrin aldehyde	7421-93-4	ug/L	10/15/2014										0.011J		
Endrin aldehyde	7421-93-4	ug/L	10/5/2015	<0.032	<0.033	<0.032	0.0106J			<0.0323	<0.0327		<0.0381	<0.032	
Endrin aldehyde	7421-93-4	ug/L	4/4/2016												0.00992J
Endrin aldehyde	7421-93-4	ug/L	4/17/2017						<0.0337						
Endrin aldehyde	7421-93-4	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.0333			<0.034	<0.033		<0.0337	<0.0337	
Endrin aldehyde	7421-93-4	ug/L	10/20/2021												<0.05
Endrin aldehyde	7421-93-4	ug/L	5/2/2022						0.01J						
Endrin aldehyde	7421-93-4	ug/L	4/23/2025							<0.0904					
Endrin aldehyde	7421-93-4	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
Endrin aldehyde	7421-93-4	ug/L	5/5/2025											<0.0904	
Endrin aldehyde	7421-93-4	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
Endrin aldehyde	7421-93-4	ug/L	5/7/2025								<0.0897				
Endrin aldehyde	7421-93-4	ug/L	10/21/2025					<0.0900							
Ethyl Methacrylate	97-63-2	ug/L	4/14/2009	<2	<2	<2	<2		<2	<2	<2				
Ethyl Methacrylate	97-63-2	ug/L	5/10/2010	<4	<20	<20	<20		<20	<20	<20			<20	
Ethyl Methacrylate	97-63-2	ug/L	4/4/2011												<2
Ethyl Methacrylate	97-63-2	ug/L	10/15/2014										<2		
Ethyl Methacrylate	97-63-2	ug/L	10/5/2015	<2	<2	<2	<2			<2	<2		<2	<2	
Ethyl Methacrylate	97-63-2	ug/L	4/4/2016												<2
Ethyl Methacrylate	97-63-2	ug/L	4/17/2017						<2						
Ethyl Methacrylate	97-63-2	ug/L	3/30/2020	<2	<2	<2	<2			<2	<2		<2	<2	
Ethyl Methacrylate	97-63-2	ug/L	10/20/2021												<10
Ethyl Methacrylate	97-63-2	ug/L	5/2/2022						<10						
Ethyl Methanesulfonate	62-50-0	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Ethyl Methanesulfonate	62-50-0	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Ethyl Methanesulfonate	62-50-0	ug/L	4/4/2011												<10
Ethyl Methanesulfonate	62-50-0	ug/L	10/15/2014										<10		
Ethyl Methanesulfonate	62-50-0	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Ethyl Methanesulfonate	62-50-0	ug/L	4/4/2016												<10.3
Ethyl Methanesulfonate	62-50-0	ug/L	4/17/2017						<11						
Ethyl Methanesulfonate	62-50-0	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Ethyl Methanesulfonate	62-50-0	ug/L	10/20/2021												<8
Ethyl Methanesulfonate	62-50-0	ug/L	5/2/2022						<8						
Ethyl Parathion	56-38-2	ug/L	4/23/2025							<10.4					
Ethyl Parathion	56-38-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Ethyl Parathion	56-38-2	ug/L	5/5/2025											<10.0	
Ethyl Parathion	56-38-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Ethyl Parathion	56-38-2	ug/L	5/7/2025								<10.6				
Ethyl Parathion	56-38-2	ug/L	10/21/2025					<10.4							

Table 9A
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Ethyl methacrylate	97-63-2	ug/L	4/23/2025							<2.00					
Ethyl methacrylate	97-63-2	ug/L	4/25/2025				<2.00	<2.00					<2.00		
Ethyl methacrylate	97-63-2	ug/L	5/5/2025											<2.00	
Ethyl methacrylate	97-63-2	ug/L	5/6/2025	<2.00	<2.00	<2.00									
Ethyl methacrylate	97-63-2	ug/L	5/7/2025								<2.00				
Ethyl methacrylate	97-63-2	ug/L	10/21/2025					<2.00							
Ethyl methanesulfonate	62-50-0	ug/L	4/23/2025							<10.4					
Ethyl methanesulfonate	62-50-0	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Ethyl methanesulfonate	62-50-0	ug/L	5/5/2025											<10.0	
Ethyl methanesulfonate	62-50-0	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Ethyl methanesulfonate	62-50-0	ug/L	5/7/2025								<10.6				
Ethyl methanesulfonate	62-50-0	ug/L	10/21/2025					<10.4							
Ethylbenzene	100-41-4	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Ethylbenzene	100-41-4	ug/L	7/7/2009										<1	<1	
Ethylbenzene	100-41-4	ug/L	9/2/2009										<1	<1	
Ethylbenzene	100-41-4	ug/L	10/25/2009	<2	<2	<2	<2		<2	<1	<2		<2	<2	
Ethylbenzene	100-41-4	ug/L	1/2/2010										<1	<1	
Ethylbenzene	100-41-4	ug/L	3/3/2010										<1	<1	<1
Ethylbenzene	100-41-4	ug/L	5/10/2010	<2	<1	<1	<1		<1	<1	<1			<1	<1
Ethylbenzene	100-41-4	ug/L	7/8/2010												<1
Ethylbenzene	100-41-4	ug/L	9/13/2010												<1
Ethylbenzene	100-41-4	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Ethylbenzene	100-41-4	ug/L	4/4/2011												<1
Ethylbenzene	100-41-4	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Ethylbenzene	100-41-4	ug/L	12/5/2011								<1				
Ethylbenzene	100-41-4	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Ethylbenzene	100-41-4	ug/L	6/25/2012								<1				
Ethylbenzene	100-41-4	ug/L	8/1/2012								<1	<1			
Ethylbenzene	100-41-4	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	12/13/2012								<1	<1			
Ethylbenzene	100-41-4	ug/L	2/4/2013								<1	<1			
Ethylbenzene	100-41-4	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Ethylbenzene	100-41-4	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/20/2018								<1				
Ethylbenzene	100-41-4	ug/L	4/24/2018						<1	<1			<1		
Ethylbenzene	100-41-4	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
Ethylbenzene	100-41-4	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/20/2021	<1				<1			<1				<1
Ethylbenzene	100-41-4	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Ethylbenzene	100-41-4	ug/L	10/14/2022	<1				<1			<1				<1
Ethylbenzene	100-41-4	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
Ethylbenzene	100-41-4	ug/L	10/16/2023	<1				<1			<1				<1
Ethylbenzene	100-41-4	ug/L	4/29/2024	<1				<1			<1	<1			<1
Ethylbenzene	100-41-4	ug/L	10/9/2024					<1.00							
Ethylbenzene	100-41-4	ug/L	10/10/2024	<1.00											<1.00
Ethylbenzene	100-41-4	ug/L	10/11/2024								<1.00				
Ethylbenzene	100-41-4	ug/L	4/23/2025							<1.00					
Ethylbenzene	100-41-4	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Ethylbenzene	100-41-4	ug/L	4/28/2025												<1.00
Ethylbenzene	100-41-4	ug/L	4/30/2025									<1.00			
Ethylbenzene	100-41-4	ug/L	5/5/2025											<1.00	
Ethylbenzene	100-41-4	ug/L	5/6/2025	<1.00	<1.00	<1.00									
Ethylbenzene	100-41-4	ug/L	5/7/2025								<1.00				
Ethylbenzene	100-41-4	ug/L	10/20/2025	<1.00											
Ethylbenzene	100-41-4	ug/L	10/21/2025					<1.00							
Ethylbenzene	100-41-4	ug/L	10/23/2025								<1.00				
Ethylbenzene	100-41-4	ug/L	5/4/2026	<1.00				<1.00				<1.00			
Ethylbenzene	100-41-4	ug/L	5/6/2026								<1.00				
Ethylbenzene	100-41-4	ug/L	5/12/2026												<1.00
Famphur	52-85-7	ug/L	4/14/2009	<20	<20	<20	<20		<20	<40	<20				
Famphur	52-85-7	ug/L	5/10/2010	<20	<20	<20	<20		<20	<20	<20			<20	
Famphur	52-85-7	ug/L	4/4/2011												<20
Famphur	52-85-7	ug/L	10/15/2014										<20		
Famphur	52-85-7	ug/L	10/5/2015	<20	<20.6	<20	<20			<20.6	<21.5		<21.7	<20	
Famphur	52-85-7	ug/L	4/4/2016												<20.6
Famphur	52-85-7	ug/L	4/17/2017						<22						
Famphur	52-85-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Famphur	52-85-7	ug/L	10/20/2021												<0.4
Famphur	52-85-7	ug/L	5/2/2022						<0.4						
Famphur	52-85-7	ug/L	4/23/2025							<10.4					

Table 9A
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Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Famphur	52-85-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Famphur	52-85-7	ug/L	5/5/2025											<10.0	
Famphur	52-85-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Famphur	52-85-7	ug/L	5/7/2025								<10.6				
Famphur	52-85-7	ug/L	10/21/2025					<10.4							
Fluoranthene	206-44-0	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Fluoranthene	206-44-0	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Fluoranthene	206-44-0	ug/L	4/4/2011												<10
Fluoranthene	206-44-0	ug/L	10/15/2014										<10		
Fluoranthene	206-44-0	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Fluoranthene	206-44-0	ug/L	4/4/2016												<10.3
Fluoranthene	206-44-0	ug/L	4/17/2017						<11						
Fluoranthene	206-44-0	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Fluoranthene	206-44-0	ug/L	10/20/2021												<8
Fluoranthene	206-44-0	ug/L	5/2/2022						<8						
Fluoranthene	206-44-0	ug/L	4/23/2025							<10.4					
Fluoranthene	206-44-0	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Fluoranthene	206-44-0	ug/L	5/5/2025											<10.0	
Fluoranthene	206-44-0	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Fluoranthene	206-44-0	ug/L	5/7/2025								<10.6				
Fluoranthene	206-44-0	ug/L	10/21/2025					<10.4							
Fluorene	86-73-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Fluorene	86-73-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Fluorene	86-73-7	ug/L	4/4/2011												<10
Fluorene	86-73-7	ug/L	10/15/2014										<10		
Fluorene	86-73-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Fluorene	86-73-7	ug/L	4/4/2016												<10.3
Fluorene	86-73-7	ug/L	4/17/2017						<11						
Fluorene	86-73-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Fluorene	86-73-7	ug/L	10/20/2021												<8
Fluorene	86-73-7	ug/L	5/2/2022						<8						
Fluorene	86-73-7	ug/L	4/23/2025							<10.4					
Fluorene	86-73-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Fluorene	86-73-7	ug/L	5/5/2025											<10.0	
Fluorene	86-73-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Fluorene	86-73-7	ug/L	5/7/2025								<10.6				
Fluorene	86-73-7	ug/L	10/21/2025					<10.4							
Gamma-BHC [Lindane]	58-89-9	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Gamma-BHC [Lindane]	58-89-9	ug/L	7/7/2009			<0.032	<0.032								
Gamma-BHC [Lindane]	58-89-9	ug/L	9/2/2009				<0.032								
Gamma-BHC [Lindane]	58-89-9	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Gamma-BHC [Lindane]	58-89-9	ug/L	4/4/2011												<0.032
Gamma-BHC [Lindane]	58-89-9	ug/L	10/15/2014										<0.032		
Gamma-BHC [Lindane]	58-89-9	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		<0.0381	<0.032	
Gamma-BHC [Lindane]	58-89-9	ug/L	4/4/2016												<0.0333
Gamma-BHC [Lindane]	58-89-9	ug/L	4/17/2017						<0.0337						
Gamma-BHC [Lindane]	58-89-9	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	0.00302J			0.0037J	<0.033		<0.0337	<0.0337	
Gamma-BHC [Lindane]	58-89-9	ug/L	10/20/2021												<0.05
Gamma-BHC [Lindane]	58-89-9	ug/L	5/2/2022						<0.05						
Heptachlor	76-44-8	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Heptachlor	76-44-8	ug/L	7/7/2009			<0.032	<0.032								
Heptachlor	76-44-8	ug/L	9/2/2009				<0.032								
Heptachlor	76-44-8	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Heptachlor	76-44-8	ug/L	7/8/2010										<0.032		
Heptachlor	76-44-8	ug/L	9/13/2010										<0.032		
Heptachlor	76-44-8	ug/L	11/1/2010										<0.032		
Heptachlor	76-44-8	ug/L	1/10/2011										<0.032		
Heptachlor	76-44-8	ug/L	4/4/2011										<0.032		<0.032
Heptachlor	76-44-8	ug/L	4/11/2012										<0.032		
Heptachlor	76-44-8	ug/L	10/11/2012										<0.032		
Heptachlor	76-44-8	ug/L	12/13/2012									<0.05			
Heptachlor	76-44-8	ug/L	10/15/2014										<0.032		
Heptachlor	76-44-8	ug/L	10/5/2015	<0.032	0.00368J	<0.032	<0.032			0.0046J	<0.0327		0.0373J	<0.032	
Heptachlor	76-44-8	ug/L	4/4/2016												<0.0333
Heptachlor	76-44-8	ug/L	4/17/2017						<0.0337						
Heptachlor	76-44-8	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.0333			<0.034	<0.033		0.00999J	<0.0337	
Heptachlor	76-44-8	ug/L	10/20/2021												<0.05
Heptachlor	76-44-8	ug/L	5/2/2022						<0.05						
Heptachlor	76-44-8	ug/L	4/23/2025							<0.0904					
Heptachlor	76-44-8	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
Heptachlor	76-44-8	ug/L	5/5/2025											<0.0904	
Heptachlor	76-44-8	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
Heptachlor	76-44-8	ug/L	5/7/2025								<0.0897				
Heptachlor	76-44-8	ug/L	10/21/2025					<0.0900							
Heptachlor Epoxide	1024-57-3	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Heptachlor Epoxide	1024-57-3	ug/L	7/7/2009			<0.032	<0.032								
Heptachlor Epoxide	1024-57-3	ug/L	9/2/2009				<0.032								
Heptachlor Epoxide	1024-57-3	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Heptachlor Epoxide	1024-57-3	ug/L	4/4/2011												<0.032
Heptachlor Epoxide	1024-57-3	ug/L	10/15/2014										0.00711J		
Heptachlor Epoxide	1024-57-3	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		<0.0381	<0.032	
Heptachlor Epoxide	1024-57-3	ug/L	4/4/2016												<0.0333
Heptachlor Epoxide	1024-57-3	ug/L	4/17/2017						<0.0337						
Heptachlor Epoxide	1024-57-3	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.0333			<0.034	<0.033		<0.0337	<0.0337	
Heptachlor Epoxide	1024-57-3	ug/L	10/20/2021												<0.05
Heptachlor Epoxide	1024-57-3	ug/L	5/2/2022						<0.05						
Heptachlor epoxide	1024-57-3	ug/L	4/23/2025							<0.0904					
Heptachlor epoxide	1024-57-3	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Heptachlor epoxide	1024-57-3	ug/L	5/5/2025											<0.0904	
Heptachlor epoxide	1024-57-3	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
Heptachlor epoxide	1024-57-3	ug/L	5/7/2025								<0.0897				
Heptachlor epoxide	1024-57-3	ug/L	10/21/2025					<0.0900							
Hexachlorobenzene	118-74-1	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Hexachlorobenzene	118-74-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Hexachlorobenzene	118-74-1	ug/L	4/4/2011												<10
Hexachlorobenzene	118-74-1	ug/L	10/15/2014										<10		
Hexachlorobenzene	118-74-1	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Hexachlorobenzene	118-74-1	ug/L	4/4/2016												<10.3
Hexachlorobenzene	118-74-1	ug/L	4/17/2017						<11						
Hexachlorobenzene	118-74-1	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Hexachlorobenzene	118-74-1	ug/L	10/20/2021												<0.05
Hexachlorobenzene	118-74-1	ug/L	5/2/2022						<0.05						
Hexachlorobenzene	118-74-1	ug/L	4/23/2025							<10.4					
Hexachlorobenzene	118-74-1	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Hexachlorobenzene	118-74-1	ug/L	5/5/2025											<10.0	
Hexachlorobenzene	118-74-1	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Hexachlorobenzene	118-74-1	ug/L	5/7/2025								<10.6				
Hexachlorobenzene	118-74-1	ug/L	10/21/2025					<10.4							
Hexachlorobutadiene	87-68-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Hexachlorobutadiene	87-68-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Hexachlorobutadiene	87-68-3	ug/L	4/4/2011												<10
Hexachlorobutadiene	87-68-3	ug/L	10/15/2014										<10		
Hexachlorobutadiene	87-68-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Hexachlorobutadiene	87-68-3	ug/L	4/4/2016												<10.3
Hexachlorobutadiene	87-68-3	ug/L	4/17/2017						<11						
Hexachlorobutadiene	87-68-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Hexachlorobutadiene	87-68-3	ug/L	10/20/2021												<8
Hexachlorobutadiene	87-68-3	ug/L	5/2/2022						<8						
Hexachlorobutadiene	87-68-3	ug/L	4/23/2025							<10.4					
Hexachlorobutadiene	87-68-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Hexachlorobutadiene	87-68-3	ug/L	5/5/2025											<10.0	
Hexachlorobutadiene	87-68-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Hexachlorobutadiene	87-68-3	ug/L	5/7/2025								<10.6				
Hexachlorobutadiene	87-68-3	ug/L	10/21/2025					<10.4							
Hexachlorocyclopentadiene	77-47-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Hexachlorocyclopentadiene	77-47-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Hexachlorocyclopentadiene	77-47-4	ug/L	4/4/2011												<10
Hexachlorocyclopentadiene	77-47-4	ug/L	10/15/2014										<20		
Hexachlorocyclopentadiene	77-47-4	ug/L	10/5/2015	<20	<20.6	<20	<20			<20.6	<21.5		<21.7	<20	
Hexachlorocyclopentadiene	77-47-4	ug/L	4/4/2016												<20.6
Hexachlorocyclopentadiene	77-47-4	ug/L	4/17/2017						<22						
Hexachlorocyclopentadiene	77-47-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Hexachlorocyclopentadiene	77-47-4	ug/L	10/20/2021												<8
Hexachlorocyclopentadiene	77-47-4	ug/L	5/2/2022						<8						
Hexachlorocyclopentadiene	77-47-4	ug/L	4/23/2025							<10.4					
Hexachlorocyclopentadiene	77-47-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Hexachlorocyclopentadiene	77-47-4	ug/L	5/5/2025											<10.0	
Hexachlorocyclopentadiene	77-47-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Hexachlorocyclopentadiene	77-47-4	ug/L	5/7/2025								<10.6				
Hexachlorocyclopentadiene	77-47-4	ug/L	10/21/2025					<10.4							
Hexachloroethane	67-72-1	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Hexachloroethane	67-72-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Hexachloroethane	67-72-1	ug/L	4/4/2011												<10
Hexachloroethane	67-72-1	ug/L	10/15/2014										<10		
Hexachloroethane	67-72-1	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Hexachloroethane	67-72-1	ug/L	4/4/2016												<10.3
Hexachloroethane	67-72-1	ug/L	4/17/2017						<11						
Hexachloroethane	67-72-1	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Hexachloroethane	67-72-1	ug/L	10/20/2021												<8
Hexachloroethane	67-72-1	ug/L	5/2/2022						<8						
Hexachloroethane	67-72-1	ug/L	4/23/2025							<10.4					
Hexachloroethane	67-72-1	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Hexachloroethane	67-72-1	ug/L	5/5/2025											<10.0	
Hexachloroethane	67-72-1	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Hexachloroethane	67-72-1	ug/L	5/7/2025								<10.6				
Hexachloroethane	67-72-1	ug/L	10/21/2025					<10.4							
Hexachloropropene	1888-71-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Hexachloropropene	1888-71-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Hexachloropropene	1888-71-7	ug/L	4/4/2011												<10
Hexachloropropene	1888-71-7	ug/L	10/15/2014										<10		
Hexachloropropene	1888-71-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Hexachloropropene	1888-71-7	ug/L	4/4/2016												<10.3
Hexachloropropene	1888-71-7	ug/L	4/17/2017						<11						
Hexachloropropene	1888-71-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Hexachloropropene	1888-71-7	ug/L	10/20/2021												<8
Hexachloropropene	1888-71-7	ug/L	5/2/2022						<8						
Hexachloropropene	1888-71-7	ug/L	4/23/2025							<10.4					
Hexachloropropene	1888-71-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Hexachloropropene	1888-71-7	ug/L	5/5/2025											<10.0	
Hexachloropropene	1888-71-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Hexachloropropene	1888-71-7	ug/L	5/7/2025								<10.6				
Hexachloropropene	1888-71-7	ug/L	10/21/2025					<10.4							
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/4/2011												<10
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/15/2014										<10		

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/4/2016												<10.3
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	4/17/2017						<11						
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	10/20/2021												<8
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/2/2022						<8						
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	4/23/2025							<10.4					
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	5/5/2025											<10.0	
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	5/7/2025								<10.6				
Indeno[1,2,3-cd]pyrene	193-39-5	ug/L	10/21/2025					<10.4							
Iodomethane	74-88-4	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10	<10	<10				
Iodomethane	74-88-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
Iodomethane	74-88-4	ug/L	7/7/2009										<20	<20	
Iodomethane	74-88-4	ug/L	9/2/2009										<10	<10	
Iodomethane	74-88-4	ug/L	10/25/2009	<10	<10	<10	<10		<10	<50	<10		<10	<10	
Iodomethane	74-88-4	ug/L	1/2/2010										<10	<10	
Iodomethane	74-88-4	ug/L	3/3/2010										<10	<10	<10
Iodomethane	74-88-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	<10
Iodomethane	74-88-4	ug/L	7/8/2010												<10
Iodomethane	74-88-4	ug/L	9/13/2010												<20
Iodomethane	74-88-4	ug/L	11/1/2010	<10	<10	<10	<10		<10	<10			<10	<10	
Iodomethane	74-88-4	ug/L	4/4/2011												<10
Iodomethane	74-88-4	ug/L	10/13/2011	<10	<10	<10	<10		<10	<10			<10	<10	<10
Iodomethane	74-88-4	ug/L	12/5/2011								<20				
Iodomethane	74-88-4	ug/L	4/11/2012	<10	<10	<10	<10		<10	<10	<10		<10	<10	<10
Iodomethane	74-88-4	ug/L	6/25/2012								<10				
Iodomethane	74-88-4	ug/L	8/1/2012								<10	<10			
Iodomethane	74-88-4	ug/L	10/11/2012	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	12/13/2012								<10	<10			
Iodomethane	74-88-4	ug/L	2/4/2013								<10	<10			
Iodomethane	74-88-4	ug/L	3/30/2013	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/7/2013		<10	<10			<10	<10	<10	<10	<10		<10
Iodomethane	74-88-4	ug/L	6/2/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/15/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/6/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/4/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/17/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/17/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/11/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/20/2018								<10				
Iodomethane	74-88-4	ug/L	4/24/2018						<10	<10			<10		
Iodomethane	74-88-4	ug/L	4/25/2018	<10	<10	<10	<10					<10		<10	<10
Iodomethane	74-88-4	ug/L	10/16/2018	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/16/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/1/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	3/30/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/7/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Iodomethane	74-88-4	ug/L	10/20/2021	<1				<1			<1				<2
Iodomethane	74-88-4	ug/L	5/2/2022	<1				<1	<2		<1	<1			<1
Iodomethane	74-88-4	ug/L	10/14/2022	<1											
Iodomethane	74-88-4	ug/L	5/1/2023	<10				<10	<10		<10	<10		<10	<10
Iodomethane	74-88-4	ug/L	10/16/2023	<10				<10			<10				<10
Iodomethane	74-88-4	ug/L	4/29/2024	<10				<10			<10	<10			<10
Iodomethane	74-88-4	ug/L	10/9/2024					<10.0							
Iodomethane	74-88-4	ug/L	10/10/2024	<10.0											<10.0
Iodomethane	74-88-4	ug/L	10/11/2024								<10.0				
Iodomethane	74-88-4	ug/L	4/23/2025							<10.0					
Iodomethane	74-88-4	ug/L	4/25/2025				<10.0	<10.0					<10.0		
Iodomethane	74-88-4	ug/L	4/28/2025												<10.0
Iodomethane	74-88-4	ug/L	4/30/2025									<10.0			
Iodomethane	74-88-4	ug/L	5/5/2025											<10.0	
Iodomethane	74-88-4	ug/L	5/6/2025	<10.0	<10.0	<10.0									
Iodomethane	74-88-4	ug/L	5/7/2025								<10.0				
Iodomethane	74-88-4	ug/L	10/20/2025	<10.0											
Iodomethane	74-88-4	ug/L	10/21/2025					<10.0							
Iodomethane	74-88-4	ug/L	10/23/2025								<10.0				
Iodomethane	74-88-4	ug/L	5/4/2026	<10.0				<10.0				<10.0			
Iodomethane	74-88-4	ug/L	5/6/2026								<10.0				
Iodomethane	74-88-4	ug/L	5/12/2026												<10.0
Iron	7439-89-6	mg/L	4/28/2025												207
Iron	7439-89-6	ug/L	5/12/2026												38400
Iron, Total	7439-89-6	mg/L	4/6/2015	15.4	0.526	18.3	36.2	<0.1	3.8	3.32	0.481	<0.1	5.08	0.754	0.125
Iron, Total	7439-89-6	mg/L	10/5/2015	15.6	0.362	16.8	44.4	<0.1	3.9	2.45	2.61	<0.1	0.855	3.31	0.0703J
Iron, Total	7439-89-6	mg/L	4/4/2016	15.1	0.326	13.2	25	<0.1	3.52	3.07	1.07	0.852	6.49	0.355	<0.1
Iron, Total	7439-89-6	mg/L	10/17/2016	15.5	1.02	14.5	28.3	<0.1	3.68	2.38	0.343	<0.1	5.34	6.3	0.12
Iron, Total	7439-89-6	mg/L	5/2/2022												22.1
Iron, Total	7439-89-6	mg/L	5/1/2023												70.8
Iron, Total	7439-89-6	mg/L	4/29/2024												36.3
Isobutanol	78-83-1	mg/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
Isobutanol	78-83-1	mg/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Isobutanol	78-83-1	mg/L	4/4/2011												<10
Isobutanol	78-83-1	mg/L	10/15/2014										<10		
Isobutanol	78-83-1	mg/L	10/5/2015	<10	<10	<10	<10			<10	<10		<10	<10	
Isobutanol	78-83-1	mg/L	4/4/2016												<10
Isobutanol	78-83-1	mg/L	4/17/2017						<10						
Isobutanol	78-83-1	mg/L	3/30/2020	<10	<10	<10	<10			<10	<10		<10	<10	
Isobutanol	78-83-1	mg/L	10/20/2021												<1
Isobutanol	78-83-1	mg/L	5/2/2022						<1						
Isobutanol	78-83-1	mg/L	4/23/2025							<10.0					
Isobutanol	78-83-1	mg/L	4/25/2025				<10.0	<10.0					<10.0		
Isobutanol	78-83-1	mg/L	5/5/2025											<10.0	
Isobutanol	78-83-1	mg/L	5/6/2025	<10.0	<10.0	<10.0									
Isobutanol	78-83-1	mg/L	5/7/2025								<10.0				
Isobutanol	78-83-1	mg/L	10/21/2025					<10.0							
Isodrin	465-73-6	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Isodrin	465-73-6	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Isodrin	465-73-6	ug/L	4/4/2011												<10
Isodrin	465-73-6	ug/L	10/15/2014										<10		
Isodrin	465-73-6	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Isodrin	465-73-6	ug/L	4/4/2016												<10.3
Isodrin	465-73-6	ug/L	4/17/2017						<11						
Isodrin	465-73-6	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Isodrin	465-73-6	ug/L	10/20/2021												<8
Isodrin	465-73-6	ug/L	5/2/2022						<8						
Isodrin	465-73-6	ug/L	4/23/2025							<10.4					
Isodrin	465-73-6	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Isodrin	465-73-6	ug/L	5/5/2025											<10.0	
Isodrin	465-73-6	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Isodrin	465-73-6	ug/L	5/7/2025								<10.6				
Isodrin	465-73-6	ug/L	10/21/2025					<10.4							
Isophorone	78-59-1	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Isophorone	78-59-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Isophorone	78-59-1	ug/L	4/4/2011												<10
Isophorone	78-59-1	ug/L	10/15/2014										<10		
Isophorone	78-59-1	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Isophorone	78-59-1	ug/L	4/4/2016												<10.3
Isophorone	78-59-1	ug/L	4/17/2017						<11						
Isophorone	78-59-1	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Isophorone	78-59-1	ug/L	10/20/2021												<8
Isophorone	78-59-1	ug/L	5/2/2022						<8						
Isophorone	78-59-1	ug/L	4/23/2025							<10.4					
Isophorone	78-59-1	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Isophorone	78-59-1	ug/L	5/5/2025											<10.0	
Isophorone	78-59-1	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Isophorone	78-59-1	ug/L	5/7/2025								<10.6				
Isophorone	78-59-1	ug/L	10/21/2025					<10.4							
Isosafrole	120-58-1	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Isosafrole	120-58-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Isosafrole	120-58-1	ug/L	4/4/2011												<10
Isosafrole	120-58-1	ug/L	10/15/2014										<10		
Isosafrole	120-58-1	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Isosafrole	120-58-1	ug/L	4/4/2016												<10.3
Isosafrole	120-58-1	ug/L	4/17/2017						<11						
Isosafrole	120-58-1	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Isosafrole	120-58-1	ug/L	10/20/2021												<8
Isosafrole	120-58-1	ug/L	5/2/2022						<8						
Isosafrole	120-58-1	ug/L	4/23/2025							<10.4					
Isosafrole	120-58-1	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Isosafrole	120-58-1	ug/L	5/5/2025											<10.0	
Isosafrole	120-58-1	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Isosafrole	120-58-1	ug/L	5/7/2025								<10.6				
Isosafrole	120-58-1	ug/L	10/21/2025					<10.4							
Kepone	143-50-0	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Kepone	143-50-0	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Kepone	143-50-0	ug/L	4/4/2011												<10
Kepone	143-50-0	ug/L	10/15/2014										<10		
Kepone	143-50-0	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Kepone	143-50-0	ug/L	4/4/2016												<10.3
Kepone	143-50-0	ug/L	4/17/2017						<11						
Kepone	143-50-0	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Kepone	143-50-0	ug/L	10/20/2021												<8
Kepone	143-50-0	ug/L	5/2/2022						<8						
Kepone	143-50-0	ug/L	4/23/2025							<10.4					
Kepone	143-50-0	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Kepone	143-50-0	ug/L	5/5/2025											<10.0	
Kepone	143-50-0	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Kepone	143-50-0	ug/L	5/7/2025								<10.6				
Kepone	143-50-0	ug/L	10/21/2025					<10.4							
Lead	7439-92-1	mg/L	2/27/2008	<0.005	<0.005	0.011	0.018	<0.005	<0.005	<0.005	0.018				
Lead	7439-92-1	mg/L	5/12/2008	<0.005	<0.005	0.041	0.013	<0.005	<0.005	<0.005	<0.005				
Lead	7439-92-1	mg/L	7/13/2008	<0.005	0.007	0.017	0.014	<0.005	<0.005	<0.005	0.011				
Lead	7439-92-1	mg/L	9/14/2008	<0.005	<0.005	0.018	0.039	<0.005	<0.005	<0.005	<0.005				
Lead	7439-92-1	mg/L	11/17/2008	<0.004	0.00892	0.0146	0.0131	<0.004	<0.004	<0.004	<0.004				
Lead	7439-92-1	mg/L	4/14/2009	<0.005	<0.005	0.014; 0.015	0.03		<0.005	<0.005	<0.005				
Lead	7439-92-1	mg/L	7/7/2009			0.014	<0.005						<0.005	<0.005	
Lead	7439-92-1	mg/L	9/2/2009			0.021	0.0067						<0.005; <0.004	<0.005	
Lead	7439-92-1	mg/L	10/25/2009	<0.005	<0.005	0.023	<0.005		<0.005	<0.005	<0.005		<0.005	<0.005	
Lead	7439-92-1	mg/L	1/2/2010			0.0057; <0.005	<0.005						<0.005	<0.005	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Lead	7439-92-1	mg/L	3/3/2010										<0.005	<0.005	<0.005
Lead	7439-92-1	mg/L	5/10/2010	<0.002	<0.002	0.0036	0.063		<0.002	<0.002	<0.002			0.0023	<0.002
Lead	7439-92-1	mg/L	7/8/2010										<0.005	<0.005	<0.005
Lead	7439-92-1	mg/L	9/13/2010										<0.005	<0.005	<0.005
Lead	7439-92-1	mg/L	11/1/2010										<0.005	<0.005	
Lead	7439-92-1	mg/L	1/10/2011										<0.004	<0.004	
Lead	7439-92-1	mg/L	4/4/2011										<0.005	<0.005	<0.004
Lead	7439-92-1	mg/L	7/8/2011												<0.005
Lead	7439-92-1	mg/L	8/11/2011												<0.005
Lead	7439-92-1	mg/L	10/13/2011		<0.004	<0.004	<0.004		<0.004	<0.004			<0.004	0.00912	0.00926
Lead	7439-92-1	mg/L	12/5/2011								<0.004				
Lead	7439-92-1	mg/L	4/11/2012	<0.004	<0.004	0.00567	<0.004		<0.004	<0.004	0.00574		<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	6/25/2012								<0.004				
Lead	7439-92-1	mg/L	8/1/2012								<0.004	0.0128			
Lead	7439-92-1	mg/L	10/11/2012	<0.004	<0.004	<0.004	0.0132		<0.004	<0.004	<0.004	<0.004	<0.004	0.00622	0.04
Lead	7439-92-1	mg/L	12/13/2012								<0.004	<0.004			
Lead	7439-92-1	mg/L	3/30/2013	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	10/7/2013	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	0.00544	<0.004	0.0112
Lead	7439-92-1	mg/L	6/2/2014	<0.004; 0.0044	0.00219J	<0.004	<0.004		<0.004	<0.004	0.00692	<0.004	0.00141J	<0.004	<0.004
Lead	7439-92-1	mg/L	10/15/2014	<0.004	<0.004	0.00152J	<0.004		<0.004	<0.004	0.00273J	<0.004	<0.004	<0.004	<0.004
Lead	7439-92-1	mg/L	4/6/2015	<0.0005	0.000202J	<0.0005	<0.0005			<0.0005	0.000457J	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	10/5/2015	0.000167J	0.000371J	<0.0005	<0.0005			<0.0005	0.00677	<0.0005	<0.0005	0.00141	<0.0005
Lead	7439-92-1	mg/L	4/4/2016	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.00045J	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	10/17/2016	<0.0005	0.000707	<0.0005	<0.0005		<0.0005	<0.0005	0.000622	<0.0005	<0.0005	0.00181	<0.0005
Lead	7439-92-1	mg/L	4/17/2017	<0.0005	0.000497J	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.000766	<0.0005
Lead	7439-92-1	mg/L	10/11/2017	<0.0005	<0.0005	<0.0005	0.00114		<0.0005	<0.0005	0.00528	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	4/20/2018								0.000829				
Lead	7439-92-1	mg/L	4/24/2018						0.00135	<0.0005			<0.0005		
Lead	7439-92-1	mg/L	4/25/2018	<0.0005	0.00176	<0.002	0.000418J					<0.0005		<0.0005	<0.0005
Lead	7439-92-1	mg/L	10/16/2018	<0.0005	0.000968	0.000279J; 0.000323J	0.000209J		<0.0005	<0.0005	0.00255	0.00833	<0.0005	0.000331J	0.000375J
Lead	7439-92-1	mg/L	4/16/2019	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.000728	0.000334J	<0.0005	0.000842	<0.0005
Lead	7439-92-1	mg/L	10/1/2019	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.000704; 0.000591	<0.0005	0.000275J	0.000282J	<0.0005
Lead	7439-92-1	mg/L	3/30/2020	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.000547	<0.0005	<0.0005	0.00243	<0.0005
Lead	7439-92-1	mg/L	10/7/2020	<0.0005	0.000347J	<0.0005	<0.0005		<0.0005	<0.0005	0.000388J	0.000517	<0.0005	0.000817; 0.000437J	<0.0005
Lead	7439-92-1	mg/L	4/13/2021	<0.004	0.0007J	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004	0.0019J	<0.004
Lead	7439-92-1	mg/L	10/20/2021	<0.004				<0.004			0.0007J; 0.0018J				<0.004
Lead	7439-92-1	mg/L	5/2/2022	0.0011J; <0.004	<0.004	<0.004	0.0016J	<0.004	<0.004	<0.004	0.002J	0.0016J	<0.004	0.0008J	<0.004
Lead	7439-92-1	mg/L	10/14/2022	<0.004				<0.004			0.0031J; 0.0019J				<0.004
Lead	7439-92-1	mg/L	5/1/2023	<0.0005	0.000261J	<0.0005	0.000315J	<0.0005	<0.0005	<0.0005	0.000902	0.000999	<0.0005	0.000371J	<0.0005
Lead	7439-92-1	mg/L	10/16/2023	<0.0005				<0.0005			<0.0005; 0.00028J				<0.0005
Lead	7439-92-1	mg/L	4/29/2024	<0.0005	<0.0005	<0.0005	0.00101	<0.0005	<0.0005	<0.0005	0.000441J	<0.0005	<0.0005	<0.0005	0.000295J
Lead	7439-92-1	mg/L	10/9/2024					<0.000500							
Lead	7439-92-1	mg/L	10/10/2024	<0.000500											<0.000500
Lead	7439-92-1	mg/L	10/11/2024								0.000439J				
Lead	7439-92-1	mg/L	4/23/2025							<0.000500					
Lead	7439-92-1	mg/L	4/25/2025				<0.000500	<0.000500					<0.000500		
Lead	7439-92-1	mg/L	4/28/2025												<0.00250
Lead	7439-92-1	mg/L	4/30/2025									<0.000500			
Lead	7439-92-1	mg/L	5/5/2025											0.000333	
Lead	7439-92-1	mg/L	5/6/2025	<0.000500	<0.000500	<0.000500									
Lead	7439-92-1	mg/L	5/7/2025						<0.000500		0.00163				
Lead	7439-92-1	mg/L	10/20/2025	<0.000500											
Lead	7439-92-1	mg/L	10/21/2025					<0.000500							
Lead	7439-92-1	mg/L	10/23/2025								0.00231				
Lead	7439-92-1	mg/L	5/4/2026	<0.000500				<0.000500	<0.000500			<0.000500			
Lead	7439-92-1	mg/L	5/5/2026		<0.000500	<0.000500	<0.000500			<0.000500			<0.000500	0.000328	
Lead	7439-92-1	mg/L	5/6/2026								0.00177				
Lead	7439-92-1	mg/L	5/12/2026												<0.000500
Magnesium	7439-95-4	mg/L	6/2/2014	39.8; 38.9	19.2	42.4	67		64.7	56.7	33.9	9.47	70.8	38.1	44.1
Magnesium	7439-95-4	mg/L	10/15/2014	45.3	15.7	41.7	78.6		67	66.4	38.3	9.37	81.9	51.8	44.8
Magnesium	7439-95-4	mg/L	3/30/2020										76.6		
Manganese	7439-96-5	mg/L	4/6/2015	0.904	1.44	1.35	3.32	<0.01	3.82	1.15	0.022	0.0174	5.5	0.964	2.05
Manganese	7439-96-5	mg/L	10/5/2015	0.912	0.446	1.28	3.21	0.0768	3.85	1.41	0.511	0.112	2.81	0.939	2.8
Manganese	7439-96-5	mg/L	4/4/2016	0.927	0.134	1.13	2.87	0.0184	3.22	1.22	0.0764	0.0319	11.5	0.799	3.33
Manganese	7439-96-5	mg/L	10/17/2016	0.969	0.389	1.18	2.44	0.0745	3.98	1.47	0.0481	0.0604	4.81	0.754	3.55
Manganese	7439-96-5	mg/L	5/2/2022												13.1
Manganese	7439-96-5	mg/L	5/1/2023												11.8
Manganese	7439-96-5	mg/L	4/29/2024												10.2
Manganese	7439-96-5	mg/L	4/28/2025												43.4
Manganese	7439-96-5	ug/L	5/12/2026												10000
Mercury	7439-97-6	mg/L	4/14/2009	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002				
Mercury	7439-97-6	mg/L	5/10/2010	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002			<0.0002	
Mercury	7439-97-6	mg/L	4/4/2011												<0.0002
Mercury	7439-97-6	mg/L	10/15/2014										<0.0002		
Mercury	7439-97-6	mg/L	10/5/2015	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002		<0.0002	<0.0002	
Mercury	7439-97-6	mg/L	4/4/2016												<0.0002
Mercury	7439-97-6	mg/L	4/17/2017						<0.0002						
Mercury	7439-97-6	mg/L	3/30/2020	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002		<0.0002	<0.0002	
Mercury	7439-97-6	mg/L	10/20/2021												<0.0005
Mercury	7439-97-6	mg/L	5/2/2022						<0.0005						
Mercury	7439-97-6	mg/L	4/23/2025							<0.000200					
Mercury	7439-97-6	mg/L	4/25/2025				<0.000200	<0.000200					<0.000200		
Mercury	7439-97-6	mg/L	5/5/2025											<0.000200	
Mercury	7439-97-6	mg/L	5/6/2025	<0.000200	<0.000200	<0.000200									
Mercury	7439-97-6	mg/L	5/7/2025								<0.000200				
Mercury	7439-97-6	mg/L	10/21/2025					<0.000200							
Methacrylonitrile	126-98-7	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Methacrylonitrile	126-98-7	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Methacrylonitrile	126-98-7	ug/L	4/4/2011												<1
Methacrylonitrile	126-98-7	ug/L	10/15/2014										<10		
Methacrylonitrile	126-98-7	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10		<10	<10	
Methacrylonitrile	126-98-7	ug/L	4/4/2016												<10
Methacrylonitrile	126-98-7	ug/L	4/17/2017						<10						
Methacrylonitrile	126-98-7	ug/L	3/30/2020	<10	<10	<10	<10			<10	<10		<10	<10	
Methacrylonitrile	126-98-7	ug/L	10/20/2021												<1
Methacrylonitrile	126-98-7	ug/L	5/2/2022						<1						
Methacrylonitrile	126-98-7	ug/L	4/23/2025							<10.0					
Methacrylonitrile	126-98-7	ug/L	4/25/2025				<10.0	<10.0					<10.0		
Methacrylonitrile	126-98-7	ug/L	5/5/2025											<10.0	
Methacrylonitrile	126-98-7	ug/L	5/6/2025	<10.0	<10.0	<10.0									
Methacrylonitrile	126-98-7	ug/L	5/7/2025								<10.0				
Methacrylonitrile	126-98-7	ug/L	10/21/2025					<10.0							
Methane, Dissolved	74-82-8	mg/L	4/6/2015	0.186	0.0091	1.71	33.7	<0.005	0.0339	0.0188	0.00746	0.00338J	0.593	0.0074	0.00769
Methane, Dissolved	74-82-8	mg/L	10/5/2015	0.249	0.0304	1.7	1.82	0.0221	0.0395	0.0328	0.00931	0.00554	0.00209	0.00568	0.00603
Methane, Dissolved	74-82-8	mg/L	4/4/2016	0.00837	0.00188	1.86	4.61	<0.00058	0.0344	0.00599	0.00722	<0.00058	1.74	0.00635	0.0094
Methane, Dissolved	74-82-8	mg/L	10/17/2016	0.299	0.0642	0.000414J	1.82	0.00124	0.0235	0.0146	0.0031	<0.00058	0.167	0.00504	0.00315
Methapyrilene	91-80-5	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Methapyrilene	91-80-5	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Methapyrilene	91-80-5	ug/L	4/4/2011												<10
Methapyrilene	91-80-5	ug/L	10/15/2014										<10		
Methapyrilene	91-80-5	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Methapyrilene	91-80-5	ug/L	4/4/2016												<10.3
Methapyrilene	91-80-5	ug/L	4/17/2017						<11						
Methapyrilene	91-80-5	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Methapyrilene	91-80-5	ug/L	10/20/2021												<8
Methapyrilene	91-80-5	ug/L	5/2/2022						<8						
Methapyrilene	91-80-5	ug/L	4/23/2025							<10.4					
Methapyrilene	91-80-5	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Methapyrilene	91-80-5	ug/L	5/5/2025											<10.0	
Methapyrilene	91-80-5	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Methapyrilene	91-80-5	ug/L	5/7/2025								<10.6				
Methapyrilene	91-80-5	ug/L	10/21/2025					<10.4							
Methoxychlor	72-43-5	ug/L	4/14/2009	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032				
Methoxychlor	72-43-5	ug/L	7/7/2009			<0.032	<0.032								
Methoxychlor	72-43-5	ug/L	9/2/2009				<0.032								
Methoxychlor	72-43-5	ug/L	5/10/2010	<0.032	<0.032	<0.032	<0.032		<0.032	<0.032	<0.032			<0.032	
Methoxychlor	72-43-5	ug/L	4/4/2011												<0.032
Methoxychlor	72-43-5	ug/L	10/15/2014										0.0238J		
Methoxychlor	72-43-5	ug/L	10/5/2015	<0.032	<0.033	<0.032	<0.032			<0.0323	<0.0327		<0.0381	<0.032	
Methoxychlor	72-43-5	ug/L	4/4/2016												0.00295J
Methoxychlor	72-43-5	ug/L	4/17/2017						<0.0337						
Methoxychlor	72-43-5	ug/L	3/30/2020	<0.0333	<0.0337	<0.0333	<0.0333			<0.034	<0.033		<0.0337	<0.0337	
Methoxychlor	72-43-5	ug/L	10/20/2021												<0.05
Methoxychlor	72-43-5	ug/L	5/2/2022						<0.05						
Methoxychlor	72-43-5	ug/L	4/23/2025							<0.0904					
Methoxychlor	72-43-5	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
Methoxychlor	72-43-5	ug/L	5/5/2025											<0.0904	
Methoxychlor	72-43-5	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
Methoxychlor	72-43-5	ug/L	5/7/2025								<0.0897				
Methoxychlor	72-43-5	ug/L	10/21/2025					<0.0900							
Methyl Methacrylate	80-62-6	ug/L	4/14/2009	<2	<2	<2	<2		<2	<2	<2				
Methyl Methacrylate	80-62-6	ug/L	5/10/2010	<2	<5	<5	<5		<5	<5	<5			<5	
Methyl Methacrylate	80-62-6	ug/L	4/4/2011												<2
Methyl Methacrylate	80-62-6	ug/L	10/15/2014										<2		
Methyl Methacrylate	80-62-6	ug/L	10/5/2015	<2	<2	<2	<2			<2	<2		<2	<2	
Methyl Methacrylate	80-62-6	ug/L	4/4/2016												<2
Methyl Methacrylate	80-62-6	ug/L	4/17/2017						<2						
Methyl Methacrylate	80-62-6	ug/L	3/30/2020	<2	<2	<2	<2			<2	<2		<2	<2	
Methyl Methacrylate	80-62-6	ug/L	10/20/2021												<1
Methyl Methacrylate	80-62-6	ug/L	5/2/2022						<1						
Methyl Methanesulfonate	66-27-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Methyl Methanesulfonate	66-27-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Methyl Methanesulfonate	66-27-3	ug/L	4/4/2011												<10
Methyl Methanesulfonate	66-27-3	ug/L	10/15/2014										<10		
Methyl Methanesulfonate	66-27-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Methyl Methanesulfonate	66-27-3	ug/L	4/4/2016												<10.3
Methyl Methanesulfonate	66-27-3	ug/L	4/17/2017						<11						
Methyl Methanesulfonate	66-27-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Methyl Methanesulfonate	66-27-3	ug/L	10/20/2021												<8
Methyl Methanesulfonate	66-27-3	ug/L	5/2/2022						<8						
Methyl methacrylate	80-62-6	ug/L	4/23/2025							<2.00					
Methyl methacrylate	80-62-6	ug/L	4/25/2025				<2.00	<2.00					<2.00		
Methyl methacrylate	80-62-6	ug/L	5/5/2025											<2.00	
Methyl methacrylate	80-62-6	ug/L	5/6/2025	<2.00	<2.00	<2.00									
Methyl methacrylate	80-62-6	ug/L	5/7/2025								<2.00				
Methyl methacrylate	80-62-6	ug/L	10/21/2025					<2.00							
Methyl methanesulfonate	66-27-3	ug/L	4/23/2025							<10.4					
Methyl methanesulfonate	66-27-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Methyl methanesulfonate	66-27-3	ug/L	5/5/2025											<10.0	
Methyl methanesulfonate	66-27-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Methyl methanesulfonate	66-27-3	ug/L	5/7/2025								<10.6				
Methyl methanesulfonate	66-27-3	ug/L	10/21/2025					<10.4							
Methyl parathion	298-00-0	ug/L	4/23/2025							<10.4					
Methyl parathion	298-00-0	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Methyl parathion	298-00-0	ug/L	5/5/2025											<10.0	
Methyl parathion	298-00-0	ug/L	5/6/2025	<10.4	<10.4	<10.4									

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Methyl parathion	298-00-0	ug/L	5/7/2025								<10.6				
Methyl parathion	298-00-0	ug/L	10/21/2025					<10.4							
Methylene Chloride	75-09-2	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	4/14/2009	<5	<5	<5	<5		<5	<5	<5				
Methylene Chloride	75-09-2	ug/L	7/7/2009										<5	<5	
Methylene Chloride	75-09-2	ug/L	9/2/2009										<5	<5	
Methylene Chloride	75-09-2	ug/L	10/25/2009	<5	<5	<5	<5		<5	<5	<5		<5	<5	
Methylene Chloride	75-09-2	ug/L	1/2/2010										<5	<5	
Methylene Chloride	75-09-2	ug/L	3/3/2010										<5	<5	<5
Methylene Chloride	75-09-2	ug/L	5/10/2010	<5	<5	<5	<5		<5	<5	<5			<5	<5
Methylene Chloride	75-09-2	ug/L	7/8/2010												<5
Methylene Chloride	75-09-2	ug/L	9/13/2010												<5
Methylene Chloride	75-09-2	ug/L	11/1/2010	<5	<5	<5	<5		<5	<5			<5	<5	
Methylene Chloride	75-09-2	ug/L	4/4/2011												<5
Methylene Chloride	75-09-2	ug/L	10/13/2011	<5	<5	<5	<5		<5	<5			<5	<5	<5
Methylene Chloride	75-09-2	ug/L	12/5/2011								<5				
Methylene Chloride	75-09-2	ug/L	4/11/2012	<5	<5	<5	<5		<5	<5	<5		<5	<5	<5
Methylene Chloride	75-09-2	ug/L	6/25/2012								<5				
Methylene Chloride	75-09-2	ug/L	8/1/2012								<5	<5			
Methylene Chloride	75-09-2	ug/L	10/11/2012	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	12/13/2012								<5	<5			
Methylene Chloride	75-09-2	ug/L	2/4/2013								<5	<5			
Methylene Chloride	75-09-2	ug/L	3/30/2013	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/7/2013		<5	<5			<5	<5	<5	<5	<5		<5
Methylene Chloride	75-09-2	ug/L	6/2/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/15/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	4/6/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/5/2015	0.721J	0.713J	0.664J	0.725J			0.564J	0.356J	<5	<5	0.599J	<5
Methylene Chloride	75-09-2	ug/L	4/4/2016	<5	<5	<5	<5		<5	<5	<5	0.183J	<5	<5; 0.277J	<5
Methylene Chloride	75-09-2	ug/L	10/17/2016	0.313J	0.34J	0.73J	0.402J		0.602J	0.403J; 0.587J	0.369J	0.6J	0.21J	0.473J	0.582J
Methylene Chloride	75-09-2	ug/L	4/17/2017	0.326J; 0.295J	0.25J	0.323J; 0.345J	0.446J		0.525J	0.59J	0.567J	0.26J	0.43J	<5	<5
Methylene Chloride	75-09-2	ug/L	10/11/2017	0.209J	<5	<5; 0.181J	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	4/20/2018								0.489J				
Methylene Chloride	75-09-2	ug/L	4/24/2018						0.365J	0.584J			0.39J		
Methylene Chloride	75-09-2	ug/L	4/25/2018	0.419J	0.455J	0.5J	0.287J					0.395J		0.46J	0.238J; 0.301J
Methylene Chloride	75-09-2	ug/L	10/16/2018	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	4/16/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/1/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	3/30/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/7/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	4/13/2021	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/20/2021	<5				<5			<5				<5
Methylene Chloride	75-09-2	ug/L	5/2/2022	<5				<5	<5		<5	<5			<5
Methylene Chloride	75-09-2	ug/L	10/14/2022	<5				<5			<5				<5
Methylene Chloride	75-09-2	ug/L	5/1/2023	<5				<5	<5		<5	<5		<5	<5
Methylene Chloride	75-09-2	ug/L	10/16/2023	<5				<5			<5				<5
Methylene Chloride	75-09-2	ug/L	4/29/2024	<5				<5			<5	<5			<5
Methylene Chloride	75-09-2	ug/L	10/9/2024					<5.00							
Methylene Chloride	75-09-2	ug/L	10/10/2024	<5.00											<5.00
Methylene Chloride	75-09-2	ug/L	10/11/2024								<5.00				
Methylene Chloride	75-09-2	ug/L	4/23/2025							<5.00					
Methylene Chloride	75-09-2	ug/L	4/25/2025				<5.00	<5.00					<5.00		
Methylene Chloride	75-09-2	ug/L	4/28/2025												<5.00
Methylene Chloride	75-09-2	ug/L	4/30/2025									<5.00			
Methylene Chloride	75-09-2	ug/L	5/5/2025											<5.00	
Methylene Chloride	75-09-2	ug/L	5/6/2025	<5.00	<5.00	<5.00									
Methylene Chloride	75-09-2	ug/L	5/7/2025								<5.00				
Methylene Chloride	75-09-2	ug/L	10/20/2025	<5.00											
Methylene Chloride	75-09-2	ug/L	10/21/2025					<5.00							
Methylene Chloride	75-09-2	ug/L	10/23/2025								<5.00				
Methylene Chloride	75-09-2	ug/L	5/4/2026	<5.00				<5.00				<5.00			
Methylene Chloride	75-09-2	ug/L	5/6/2026								<5.00				
Methylene Chloride	75-09-2	ug/L	5/12/2026												<5.00
Methylphenol, 3 & 4	106-44-5	ug/L	4/23/2025							<10.4					
Methylphenol, 3 & 4	106-44-5	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Methylphenol, 3 & 4	106-44-5	ug/L	5/5/2025											<10.0	
Methylphenol, 3 & 4	106-44-5	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Methylphenol, 3 & 4	106-44-5	ug/L	5/7/2025								<10.6				
Methylphenol, 3 & 4	106-44-5	ug/L	10/21/2025					<10.4							
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/4/2011												<10
N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/15/2014										<10		
N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/4/2016												<10.3
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/17/2017						<11						
N-Nitrosodi-n-butylamine	924-16-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/20/2021												<8
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/2/2022						<8						
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/23/2025							<10.4					
N-Nitrosodi-n-butylamine	924-16-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/5/2025											<10.0	
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/7/2025								<10.6				

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
N-Nitrosodi-n-butylamine	924-16-3	ug/L	10/21/2025					<10.4							
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/4/2011												<10
N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/15/2014										<10		
N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/5/2015	<10	7.78J	<10	<10			<10.3	<10.8		<10.9	<10	
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/4/2016												<10.3
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/17/2017						<11						
N-Nitrosodi-n-propylamine	621-64-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/20/2021												<8
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/2/2022						<8						
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/23/2025							<10.4					
N-Nitrosodi-n-propylamine	621-64-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/5/2025											<10.0	
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/7/2025								<10.6				
N-Nitrosodi-n-propylamine	621-64-7	ug/L	10/21/2025					<10.4							
N-Nitrosodiethylamine	55-18-5	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
N-Nitrosodiethylamine	55-18-5	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
N-Nitrosodiethylamine	55-18-5	ug/L	4/4/2011												<10
N-Nitrosodiethylamine	55-18-5	ug/L	10/15/2014										<10		
N-Nitrosodiethylamine	55-18-5	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
N-Nitrosodiethylamine	55-18-5	ug/L	4/4/2016												<10.3
N-Nitrosodiethylamine	55-18-5	ug/L	4/17/2017						<11						
N-Nitrosodiethylamine	55-18-5	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
N-Nitrosodiethylamine	55-18-5	ug/L	10/20/2021												<8
N-Nitrosodiethylamine	55-18-5	ug/L	5/2/2022						<8						
N-Nitrosodiethylamine	55-18-5	ug/L	4/23/2025							<10.4					
N-Nitrosodiethylamine	55-18-5	ug/L	4/25/2025				<10.4	<10.6					<10.2		
N-Nitrosodiethylamine	55-18-5	ug/L	5/5/2025											<10.0	
N-Nitrosodiethylamine	55-18-5	ug/L	5/6/2025	<10.4	<10.4	<10.4									
N-Nitrosodiethylamine	55-18-5	ug/L	5/7/2025								<10.6				
N-Nitrosodiethylamine	55-18-5	ug/L	10/21/2025					<10.4							
N-Nitrosodimethylamine	62-75-9	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
N-Nitrosodimethylamine	62-75-9	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
N-Nitrosodimethylamine	62-75-9	ug/L	4/4/2011												<10
N-Nitrosodimethylamine	62-75-9	ug/L	10/15/2014										<10		
N-Nitrosodimethylamine	62-75-9	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
N-Nitrosodimethylamine	62-75-9	ug/L	4/4/2016												<10.3
N-Nitrosodimethylamine	62-75-9	ug/L	4/17/2017						<11						
N-Nitrosodimethylamine	62-75-9	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
N-Nitrosodimethylamine	62-75-9	ug/L	10/20/2021												<8
N-Nitrosodimethylamine	62-75-9	ug/L	5/2/2022						<8						
N-Nitrosodimethylamine	62-75-9	ug/L	4/23/2025							<10.4					
N-Nitrosodimethylamine	62-75-9	ug/L	4/25/2025				<10.4	<10.6					<10.2		
N-Nitrosodimethylamine	62-75-9	ug/L	5/5/2025											<10.0	
N-Nitrosodimethylamine	62-75-9	ug/L	5/6/2025	<10.4	<10.4	<10.4									
N-Nitrosodimethylamine	62-75-9	ug/L	5/7/2025								<10.6				
N-Nitrosodimethylamine	62-75-9	ug/L	10/21/2025					<10.4							
N-Nitrosodiphenylamine	86-30-6	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
N-Nitrosodiphenylamine	86-30-6	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
N-Nitrosodiphenylamine	86-30-6	ug/L	4/4/2011												<10
N-Nitrosodiphenylamine	86-30-6	ug/L	10/15/2014										<10		
N-Nitrosodiphenylamine	86-30-6	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
N-Nitrosodiphenylamine	86-30-6	ug/L	4/4/2016												<10.3
N-Nitrosodiphenylamine	86-30-6	ug/L	4/17/2017						<11						
N-Nitrosodiphenylamine	86-30-6	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
N-Nitrosodiphenylamine	86-30-6	ug/L	10/20/2021												<8
N-Nitrosodiphenylamine	86-30-6	ug/L	5/2/2022						<8						
N-Nitrosodiphenylamine	86-30-6	ug/L	4/23/2025							<10.4					
N-Nitrosodiphenylamine	86-30-6	ug/L	4/25/2025				<10.4	<10.6					<10.2		
N-Nitrosodiphenylamine	86-30-6	ug/L	5/5/2025											<10.0	
N-Nitrosodiphenylamine	86-30-6	ug/L	5/6/2025	<10.4	<10.4	<10.4									
N-Nitrosodiphenylamine	86-30-6	ug/L	5/7/2025								<10.6				
N-Nitrosodiphenylamine	86-30-6	ug/L	10/21/2025					<10.4							
N-Nitrosomethylethalamine	10595-95-6	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
N-Nitrosomethylethalamine	10595-95-6	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
N-Nitrosomethylethalamine	10595-95-6	ug/L	4/4/2011												<10
N-Nitrosomethylethalamine	10595-95-6	ug/L	10/15/2014										<10		
N-Nitrosomethylethalamine	10595-95-6	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
N-Nitrosomethylethalamine	10595-95-6	ug/L	4/4/2016												<10.3
N-Nitrosomethylethalamine	10595-95-6	ug/L	4/17/2017						<11						
N-Nitrosomethylethalamine	10595-95-6	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
N-Nitrosomethylethalamine	10595-95-6	ug/L	10/20/2021												<8
N-Nitrosomethylethalamine	10595-95-6	ug/L	5/2/2022						<8						
N-Nitrosomethylethylamine	10595-95-6	ug/L	4/23/2025							<10.4					
N-Nitrosomethylethylamine	10595-95-6	ug/L	4/25/2025				<10.4	<10.6					<10.2		
N-Nitrosomethylethylamine	10595-95-6	ug/L	5/5/2025											<10.0	
N-Nitrosomethylethylamine	10595-95-6	ug/L	5/6/2025	<10.4	<10.4	<10.4									
N-Nitrosomethylethylamine	10595-95-6	ug/L	5/7/2025								<10.6				
N-Nitrosomethylethylamine	10595-95-6	ug/L	10/21/2025					<10.4							
N-Nitrosopiperidine	100-75-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
N-Nitrosopiperidine	100-75-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
N-Nitrosopiperidine	100-75-4	ug/L	4/4/2011												<10
N-Nitrosopiperidine	100-75-4	ug/L	10/15/2014										<10		
N-Nitrosopiperidine	100-75-4	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
N-Nitrosopiperidine	100-75-4	ug/L	4/4/2016												<10.3
N-Nitrosopiperidine	100-75-4	ug/L	4/17/2017						<11						

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
N-Nitrosopiperidine	100-75-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
N-Nitrosopiperidine	100-75-4	ug/L	10/20/2021												<8
N-Nitrosopiperidine	100-75-4	ug/L	5/2/2022						<8						
N-Nitrosopiperidine	100-75-4	ug/L	4/23/2025							<10.4					
N-Nitrosopiperidine	100-75-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		
N-Nitrosopiperidine	100-75-4	ug/L	5/5/2025											<10.0	
N-Nitrosopiperidine	100-75-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
N-Nitrosopiperidine	100-75-4	ug/L	5/7/2025								<10.6				
N-Nitrosopiperidine	100-75-4	ug/L	10/21/2025					<10.4							
N-Nitrosopyrrolidine	930-55-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
N-Nitrosopyrrolidine	930-55-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
N-Nitrosopyrrolidine	930-55-2	ug/L	4/4/2011												<10
N-Nitrosopyrrolidine	930-55-2	ug/L	10/15/2014										<10		
N-Nitrosopyrrolidine	930-55-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
N-Nitrosopyrrolidine	930-55-2	ug/L	4/4/2016												<10.3
N-Nitrosopyrrolidine	930-55-2	ug/L	4/17/2017						<11						
N-Nitrosopyrrolidine	930-55-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
N-Nitrosopyrrolidine	930-55-2	ug/L	10/20/2021												<8
N-Nitrosopyrrolidine	930-55-2	ug/L	5/2/2022						<8						
N-Nitrosopyrrolidine	930-55-2	ug/L	4/23/2025							<10.4					
N-Nitrosopyrrolidine	930-55-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
N-Nitrosopyrrolidine	930-55-2	ug/L	5/5/2025											<10.0	
N-Nitrosopyrrolidine	930-55-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
N-Nitrosopyrrolidine	930-55-2	ug/L	5/7/2025								<10.6				
N-Nitrosopyrrolidine	930-55-2	ug/L	10/21/2025					<10.4							
Naphthalene	91-20-3	ug/L	4/14/2009	<5	<5	<5	<5		<5	<5	<5				
Naphthalene	91-20-3	ug/L	5/10/2010	<5	<5	<5	<5		<5	<5	<5			<5	
Naphthalene	91-20-3	ug/L	4/4/2011												<5
Naphthalene	91-20-3	ug/L	10/15/2014										<5		
Naphthalene	91-20-3	ug/L	10/5/2015	<5	<5	<5	<5			<5	<5		<5	<5	
Naphthalene	91-20-3	ug/L	4/4/2016												<5
Naphthalene	91-20-3	ug/L	4/17/2017						<5						
Naphthalene	91-20-3	ug/L	3/30/2020	<5	<5	<5	<5			<5	<5		<5	<5	
Naphthalene	91-20-3	ug/L	10/20/2021												<8
Naphthalene	91-20-3	ug/L	5/2/2022						<8						
Naphthalene	91-20-3	ug/L	4/23/2025							<5.00					
Naphthalene	91-20-3	ug/L	4/25/2025				<5.00	<5.00					<5.00		
Naphthalene	91-20-3	ug/L	5/5/2025											<5.00	
Naphthalene	91-20-3	ug/L	5/6/2025	<5.00	<5.00	<5.00									
Naphthalene	91-20-3	ug/L	5/7/2025								<5.00				
Naphthalene	91-20-3	ug/L	10/21/2025					<5.00							
Nickel	7440-02-0	mg/L	2/27/2008	<0.01	<0.01	0.019	0.027	<0.01	0.015	<0.01	0.038				
Nickel	7440-02-0	mg/L	5/12/2008	<0.01	<0.01	0.058	0.027	<0.01	0.014	0.011	<0.01				
Nickel	7440-02-0	mg/L	7/13/2008	<0.01	<0.01	0.025	0.022	<0.01	0.012	<0.01	0.023				
Nickel	7440-02-0	mg/L	9/14/2008	<0.01	<0.01	0.029	0.046	0.055	0.012	<0.01	<0.01				
Nickel	7440-02-0	mg/L	11/17/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Nickel	7440-02-0	mg/L	4/14/2009	<0.01	<0.01	0.024; 0.023	0.046		0.013	0.042	<0.01				
Nickel	7440-02-0	mg/L	7/7/2009			0.018; 0.02	0.01		0.012	<0.01			0.02	0.021	
Nickel	7440-02-0	mg/L	9/2/2009			0.032; 0.033	0.018		0.016	0.012			0.022	0.02	
Nickel	7440-02-0	mg/L	10/25/2009	<0.01	<0.01	0.034	0.013		0.013	0.011	<0.01		0.019	0.023	
Nickel	7440-02-0	mg/L	1/2/2010			<0.01; 0.011	<0.01		0.014	0.011; 0.013			0.024	0.019	
Nickel	7440-02-0	mg/L	3/3/2010										0.024	0.019	0.045
Nickel	7440-02-0	mg/L	5/10/2010	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05			<0.05	<0.05
Nickel	7440-02-0	mg/L	7/8/2010												0.045
Nickel	7440-02-0	mg/L	9/13/2010												0.037
Nickel	7440-02-0	mg/L	11/1/2010										0.013	0.016	
Nickel	7440-02-0	mg/L	4/4/2011										<0.01	<0.01	0.0522
Nickel	7440-02-0	mg/L	7/8/2011												0.035
Nickel	7440-02-0	mg/L	8/11/2011												0.067
Nickel	7440-02-0	mg/L	10/13/2011		<0.05	<0.05	<0.05		<0.05	<0.05			<0.05	<0.05	<0.05
Nickel	7440-02-0	mg/L	12/5/2011								<0.05				<0.05
Nickel	7440-02-0	mg/L	4/11/2012	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05		<0.05	<0.05	<0.05
Nickel	7440-02-0	mg/L	6/25/2012								<0.05				
Nickel	7440-02-0	mg/L	8/1/2012								<0.05	<0.05			
Nickel	7440-02-0	mg/L	10/11/2012	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.136
Nickel	7440-02-0	mg/L	12/13/2012								<0.05	<0.05			
Nickel	7440-02-0	mg/L	3/30/2013	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel	7440-02-0	mg/L	10/7/2013	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0648
Nickel	7440-02-0	mg/L	6/2/2014	<0.05	<0.05	<0.05	0.0106J		0.0162J	<0.05	0.0199J	<0.05	0.0207J	0.0112J	0.028J
Nickel	7440-02-0	mg/L	10/15/2014	0.0103J	<0.05	0.0138J	0.024J		0.0218J	0.0192J	0.0222J	0.0079J	0.037J	0.026J	0.0386J
Nickel	7440-02-0	mg/L	4/6/2015	0.000999J	0.006	0.0018J	0.00928			0.0105	0.00108J	0.00195J	0.0238	0.0173	0.0282
Nickel	7440-02-0	mg/L	10/5/2015	<0.005	0.00764	0.00174J	0.00885			0.00884	0.0148	0.00343J	0.0243	0.0178	0.0317; 0.0319
Nickel	7440-02-0	mg/L	4/4/2016	<0.005	0.00261J	0.00191J	0.00445J		0.00926	0.0085	<0.005	0.00234J	0.03	0.017; 0.0178	0.0329
Nickel	7440-02-0	mg/L	10/17/2016	<0.005	0.00454J	0.00227J	0.00398J		0.00986	0.00712; 0.00688	0.00159J	0.00301J	0.0234	0.0166	0.0345
Nickel	7440-02-0	mg/L	4/17/2017	<0.005	0.002J	<0.005; 0.00125J	0.00298J		0.0109	0.0106	<0.005	0.00309J	0.00813	0.0198	0.0328
Nickel	7440-02-0	mg/L	10/11/2017	<0.005	0.00366J	0.00136J; 0.00163J	0.00535		0.0126	0.00725	0.0126	0.00457J	0.0222	0.0148	0.04
Nickel	7440-02-0	mg/L	4/20/2018								0.00164J				
Nickel	7440-02-0	mg/L	4/24/2018						0.00966	0.00587			0.0262		
Nickel	7440-02-0	mg/L	4/25/2018	<0.005	0.00277J	<0.02	0.00432J					0.00269J		0.0135	0.0397; 0.0446
Nickel	7440-02-0	mg/L	10/16/2018	<0.002	0.00211	0.00243; 0.00225	0.00336		0.0142	0.00693	0.00482	0.0165	0.0256	0.0146	0.059
Nickel	7440-02-0	mg/L	4/16/2019	<0.005	<0.005	<0.005	0.00198J		0.0059	0.01	<0.005	0.00269J	0.0273	0.0169	0.0706
Nickel	7440-02-0	mg/L	10/1/2019	<0.005	0.00259J	<0.005	0.00354J		0.0139	0.00885	<0.005	0.00493J	0.0236	0.0193	0.0735
Nickel	7440-02-0	mg/L	3/30/2020	<0.005	<0.005	<0.005	<0.005		0.005	0.00726	<0.005	0.00498J	0.0215	0.022	0.0632; 0.0691
Nickel	7440-02-0	mg/L	10/7/2020	<0.005	0.00301J	<0.005	0.00192J		0.0138	0.00764	<0.005	0.0106	0.00916	0.0182	0.0642
Nickel	7440-02-0	mg/L	4/13/2021	<0.004	0.0011J	0.0008J	0.0012J		0.0053	0.0096	0.0015J	0.0032J	0.0086	0.0156	0.0735
Nickel	7440-02-0	mg/L	10/20/2021	<0.004				<0.004			0.0025J; 0.0055				0.0847
Nickel	7440-02-0	mg/L	5/2/2022	<0.004	0.0013J	<0.004	0.0054	<0.004	0.0075	0.0083	0.0036J	0.0161	0.0021J	0.016	0.0661
Nickel	7440-02-0	mg/L	10/14/2022	<0.004				0.0016J			0.0077; 0.0048				0.0839

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Nickel	7440-02-0	mg/L	5/1/2023	<0.005	<0.005	<0.005	0.00211J	<0.005	0.00614	0.00665	0.00309J	0.00304J	<0.005	0.0142	0.0353
Nickel	7440-02-0	mg/L	10/16/2023	<0.005				<0.005			0.00233J; 0.00212J				0.0492
Nickel	7440-02-0	mg/L	4/29/2024	<0.005	<0.005	<0.005	0.0106	<0.005	0.00299J	0.00346J	<0.005	0.00239J	<0.005	0.00938; 0.00964	0.0674
Nickel	7440-02-0	mg/L	10/9/2024					<0.00500							
Nickel	7440-02-0	mg/L	10/10/2024	<0.00500											0.0470
Nickel	7440-02-0	mg/L	10/11/2024								<0.00500				
Nickel	7440-02-0	mg/L	4/23/2025							0.00546					
Nickel	7440-02-0	mg/L	4/25/2025				<0.00500	<0.00500					<0.00500		
Nickel	7440-02-0	mg/L	4/28/2025												0.195
Nickel	7440-02-0	mg/L	4/30/2025									<0.00500			
Nickel	7440-02-0	mg/L	5/5/2025											0.0115	
Nickel	7440-02-0	mg/L	5/6/2025	<0.00500	0.00615	<0.00500									
Nickel	7440-02-0	mg/L	5/7/2025						0.00461		0.00338				
Nickel	7440-02-0	mg/L	10/20/2025	<0.00500											
Nickel	7440-02-0	mg/L	10/21/2025					0.00480							
Nickel	7440-02-0	mg/L	10/23/2025								0.00313				
Nickel	7440-02-0	mg/L	5/4/2026	<0.00200				0.000986	0.00555			0.00215			
Nickel	7440-02-0	mg/L	5/5/2026		0.00198	0.000894	0.0131			0.0101			0.000936	0.00979	
Nickel	7440-02-0	mg/L	5/6/2026								0.00297				
Nickel	7440-02-0	mg/L	5/12/2026												0.0394
Nitrate (NO3)	14797-55-8	mg/L	4/6/2015	<0.1	0.0863J	<0.1	<0.1	7.42	<0.1	<0.1	<0.1	0.192	<0.1	<0.1	<0.1
Nitrate (NO3)	14797-55-8	mg/L	10/5/2015	<0.1	0.0984J	<0.1	<0.1	7.68	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrate (NO3)	14797-55-8	mg/L	4/4/2016	<0.1	<0.1	<0.1	1.2	6.26	<0.1	<0.1	<0.1	0.299	1.51	<0.1	0.0969J
Nitrate (NO3)	14797-55-8	mg/L	10/17/2016	0.719	<0.1	0.453	0.11	4.88	0.307	<0.1	<0.1	0.367	<0.1	<0.1	<0.1
Nitrate (NO3)	14797-55-8	mg/L	5/2/2022												0.4
Nitrate (NO3)	14797-55-8	mg/L	5/1/2023												<0.2
Nitrate (NO3)	14797-55-8	mg/L	4/29/2024												<0.2
Nitrate as N	14797-55-8	mg/L	4/28/2025												<0.200
Nitrobenzene	98-95-3	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Nitrobenzene	98-95-3	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Nitrobenzene	98-95-3	ug/L	4/4/2011												<10
Nitrobenzene	98-95-3	ug/L	10/15/2014										<10		
Nitrobenzene	98-95-3	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Nitrobenzene	98-95-3	ug/L	4/4/2016												<10.3
Nitrobenzene	98-95-3	ug/L	4/17/2017						<11						
Nitrobenzene	98-95-3	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Nitrobenzene	98-95-3	ug/L	10/20/2021												<8
Nitrobenzene	98-95-3	ug/L	5/2/2022						<8						
Nitrobenzene	98-95-3	ug/L	4/23/2025							<10.4					
Nitrobenzene	98-95-3	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Nitrobenzene	98-95-3	ug/L	5/5/2025											<10.0	
Nitrobenzene	98-95-3	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Nitrobenzene	98-95-3	ug/L	5/7/2025								<10.6				
Nitrobenzene	98-95-3	ug/L	10/21/2025					<10.4							
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/14/2009	<30	<30	<30	<30		<30	<60	<30				
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/4/2011												<10
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/15/2014										<10		
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/4/2016												<10.3
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	4/17/2017						<11						
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	10/20/2021												<0.4
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/2/2022						<0.4						
O-Toluidine	95-53-4	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
O-Toluidine	95-53-4	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
O-Toluidine	95-53-4	ug/L	4/4/2011												<10
O-Toluidine	95-53-4	ug/L	10/15/2014										<10		
O-Toluidine	95-53-4	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
O-Toluidine	95-53-4	ug/L	4/4/2016												<10.3
O-Toluidine	95-53-4	ug/L	4/17/2017						<11						
O-Toluidine	95-53-4	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
O-Toluidine	95-53-4	ug/L	10/20/2021												<8
O-Toluidine	95-53-4	ug/L	5/2/2022						<8						
PCB-1016	12674-11-2	ug/L	4/14/2009	<0.8	<0.92	<0.8	<0.8		<0.8	<0.8	<0.8				
PCB-1016	12674-11-2	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8		<0.8	<0.8	<0.8			<0.8	
PCB-1016	12674-11-2	ug/L	4/4/2011												<0.8
PCB-1016	12674-11-2	ug/L	10/15/2014										<0.8		
PCB-1016	12674-11-2	ug/L	10/5/2015	<0.8	<0.808	<0.8	<0.8			<0.808	<0.8			<0.8	
PCB-1016	12674-11-2	ug/L	4/4/2016										<0.8		<0.825
PCB-1016	12674-11-2	ug/L	4/17/2017						<0.851						
PCB-1016	12674-11-2	ug/L	3/30/2020	<0.833	<0.842	<0.833	<0.833			<0.851	<0.825		<0.842	<0.842	
PCB-1016	12674-11-2	ug/L	10/20/2021												<0.1
PCB-1016	12674-11-2	ug/L	5/2/2022						<0.1						
PCB-1016	12674-11-2	ug/L	4/23/2025							<1.81					
PCB-1016	12674-11-2	ug/L	4/25/2025				<1.84	<1.93					<1.80		
PCB-1016	12674-11-2	ug/L	5/5/2025											<1.81	
PCB-1016	12674-11-2	ug/L	5/6/2025	<1.81	<1.80	<1.83									
PCB-1016	12674-11-2	ug/L	5/7/2025								<1.79				
PCB-1016	12674-11-2	ug/L	10/21/2025					<1.80							
PCB-1221	11104-28-2	ug/L	4/14/2009	<0.8	<0.92	<0.8	<0.8		<0.8	<0.8	<0.8				
PCB-1221	11104-28-2	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8		<0.8	<0.8	<0.8			<0.8	
PCB-1221	11104-28-2	ug/L	4/4/2011												<0.8
PCB-1221	11104-28-2	ug/L	10/15/2014										<0.8		
PCB-1221	11104-28-2	ug/L	10/5/2015	<0.8	<0.808	<0.8	<0.8			<0.808	<0.8			<0.8	
PCB-1221	11104-28-2	ug/L	4/4/2016										<0.8		<0.825
PCB-1221	11104-28-2	ug/L	4/17/2017						<0.851						
PCB-1221	11104-28-2	ug/L	3/30/2020	<0.833	<0.842	<0.833	<0.833			<0.851	<0.825		<0.842	<0.842	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
PCB-1221	11104-28-2	ug/L	10/20/2021												<0.2
PCB-1221	11104-28-2	ug/L	5/2/2022						<0.2						
PCB-1221	11104-28-2	ug/L	4/23/2025							<1.81					
PCB-1221	11104-28-2	ug/L	4/25/2025				<1.84	<1.93					<1.80		
PCB-1221	11104-28-2	ug/L	5/5/2025											<1.81	
PCB-1221	11104-28-2	ug/L	5/6/2025	<1.81	<1.80	<1.83									
PCB-1221	11104-28-2	ug/L	5/7/2025								<1.79				
PCB-1221	11104-28-2	ug/L	10/21/2025					<1.80							
PCB-1232	11141-16-5	ug/L	4/14/2009	<0.8	<0.92	<0.8	<0.8		<0.8	<0.8	<0.8				
PCB-1232	11141-16-5	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8		<0.8	<0.8	<0.8			<0.8	
PCB-1232	11141-16-5	ug/L	4/4/2011												<0.8
PCB-1232	11141-16-5	ug/L	10/15/2014										<0.8		
PCB-1232	11141-16-5	ug/L	10/5/2015	<0.8	<0.808	<0.8	<0.8			<0.808	<0.8			<0.8	
PCB-1232	11141-16-5	ug/L	4/4/2016										<0.8		<0.825
PCB-1232	11141-16-5	ug/L	4/17/2017						<0.851						
PCB-1232	11141-16-5	ug/L	3/30/2020	<0.833	<0.842	<0.833	<0.833			<0.851	<0.825		<0.842	<0.842	
PCB-1232	11141-16-5	ug/L	10/20/2021												<0.2
PCB-1232	11141-16-5	ug/L	5/2/2022						<0.2						
PCB-1232	11141-16-5	ug/L	4/23/2025							<1.81					
PCB-1232	11141-16-5	ug/L	4/25/2025				<1.84	<1.93					<1.80		
PCB-1232	11141-16-5	ug/L	5/5/2025											<1.81	
PCB-1232	11141-16-5	ug/L	5/6/2025	<1.81	<1.80	<1.83									
PCB-1232	11141-16-5	ug/L	5/7/2025								<1.79				
PCB-1232	11141-16-5	ug/L	10/21/2025					<1.80							
PCB-1242	53469-21-9	ug/L	4/14/2009	<0.8	<0.92	<0.8	<0.8		<0.8	<0.8	<0.8				
PCB-1242	53469-21-9	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8		<0.8	<0.8	<0.8			<0.8	
PCB-1242	53469-21-9	ug/L	4/4/2011												<0.8
PCB-1242	53469-21-9	ug/L	10/15/2014										<0.8		
PCB-1242	53469-21-9	ug/L	10/5/2015	<0.8	<0.808	<0.8	<0.8			<0.808	<0.8			<0.8	
PCB-1242	53469-21-9	ug/L	4/4/2016										<0.8		<0.825
PCB-1242	53469-21-9	ug/L	4/17/2017						<0.851						
PCB-1242	53469-21-9	ug/L	3/30/2020	<0.833	<0.842	<0.833	<0.833			<0.851	<0.825		<0.842	<0.842	
PCB-1242	53469-21-9	ug/L	10/20/2021												<0.2
PCB-1242	53469-21-9	ug/L	5/2/2022						<0.2						
PCB-1242	53469-21-9	ug/L	4/23/2025							<1.81					
PCB-1242	53469-21-9	ug/L	4/25/2025				<1.84	<1.93					<1.80		
PCB-1242	53469-21-9	ug/L	5/5/2025											<1.81	
PCB-1242	53469-21-9	ug/L	5/6/2025	<1.81	<1.80	<1.83									
PCB-1242	53469-21-9	ug/L	5/7/2025								<1.79				
PCB-1242	53469-21-9	ug/L	10/21/2025					<1.80							
PCB-1248	12672-29-6	ug/L	4/14/2009	<0.8	<0.92	<0.8	<0.8		<0.8	<0.8	<0.8				
PCB-1248	12672-29-6	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8		<0.8	<0.8	<0.8			<0.8	
PCB-1248	12672-29-6	ug/L	4/4/2011												<0.8
PCB-1248	12672-29-6	ug/L	10/15/2014										<0.8		
PCB-1248	12672-29-6	ug/L	10/5/2015	<0.8	<0.808	<0.8	<0.8			<0.808	<0.8			<0.8	
PCB-1248	12672-29-6	ug/L	4/4/2016										<0.8		<0.825
PCB-1248	12672-29-6	ug/L	4/17/2017						<0.851						
PCB-1248	12672-29-6	ug/L	3/30/2020	<0.833	<0.842	<0.833	<0.833			<0.851	<0.825		<0.842	<0.842	
PCB-1248	12672-29-6	ug/L	10/20/2021												<0.2
PCB-1248	12672-29-6	ug/L	5/2/2022						<0.2						
PCB-1248	12672-29-6	ug/L	4/23/2025							<1.81					
PCB-1248	12672-29-6	ug/L	4/25/2025				<1.84	<1.93					<1.80		
PCB-1248	12672-29-6	ug/L	5/5/2025											<1.81	
PCB-1248	12672-29-6	ug/L	5/6/2025	<1.81	<1.80	<1.83									
PCB-1248	12672-29-6	ug/L	5/7/2025								<1.79				
PCB-1248	12672-29-6	ug/L	10/21/2025					<1.80							
PCB-1254	11097-69-1	ug/L	4/14/2009	<0.8	<0.92	<0.8	<0.8		<0.8	<0.8	<0.8				
PCB-1254	11097-69-1	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8		<0.8	<0.8	<0.8			<0.8	
PCB-1254	11097-69-1	ug/L	4/4/2011												<0.8
PCB-1254	11097-69-1	ug/L	10/15/2014										<0.8		
PCB-1254	11097-69-1	ug/L	10/5/2015	<0.8	<0.808	<0.8	<0.8			<0.808	<0.8			<0.8	
PCB-1254	11097-69-1	ug/L	4/4/2016										<0.8		<0.825
PCB-1254	11097-69-1	ug/L	4/17/2017						<0.851						
PCB-1254	11097-69-1	ug/L	3/30/2020	<0.833	<0.842	<0.833	<0.833			<0.851	<0.825		<0.842	<0.842	
PCB-1254	11097-69-1	ug/L	10/20/2021												<0.1
PCB-1254	11097-69-1	ug/L	5/2/2022						<0.1						
PCB-1254	11097-69-1	ug/L	4/23/2025							<1.81					
PCB-1254	11097-69-1	ug/L	4/25/2025				<1.84	<1.93					<1.80		
PCB-1254	11097-69-1	ug/L	5/5/2025											<1.81	
PCB-1254	11097-69-1	ug/L	5/6/2025	<1.81	<1.80	<1.83									
PCB-1254	11097-69-1	ug/L	5/7/2025								<1.79				
PCB-1254	11097-69-1	ug/L	10/21/2025					<1.80							
PCB-1260	11096-82-5	ug/L	4/14/2009	<0.8	<0.92	<0.8	<0.8		<0.8	<0.8	<0.8				
PCB-1260	11096-82-5	ug/L	5/10/2010	<0.8	<0.8	<0.8	<0.8		<0.8	<0.8	<0.8			<0.8	
PCB-1260	11096-82-5	ug/L	4/4/2011												<0.8
PCB-1260	11096-82-5	ug/L	10/15/2014										<0.8		
PCB-1260	11096-82-5	ug/L	10/5/2015	<0.8	<0.808	<0.8	<0.8			<0.808	<0.8			<0.8	
PCB-1260	11096-82-5	ug/L	4/4/2016										<0.8		<0.825
PCB-1260	11096-82-5	ug/L	4/17/2017						<0.851						
PCB-1260	11096-82-5	ug/L	3/30/2020	<0.833	<0.842	<0.833	<0.833			<0.851	<0.825		<0.842	<0.842	
PCB-1260	11096-82-5	ug/L	10/20/2021												<0.1
PCB-1260	11096-82-5	ug/L	5/2/2022						<0.1						
PCB-1260	11096-82-5	ug/L	4/23/2025							<1.81					
PCB-1260	11096-82-5	ug/L	4/25/2025				<1.84	<1.93					<1.80		
PCB-1260	11096-82-5	ug/L	5/5/2025											<1.81	
PCB-1260	11096-82-5	ug/L	5/6/2025	<1.81	<1.80	<1.83									
PCB-1260	11096-82-5	ug/L	5/7/2025								<1.79				
PCB-1260	11096-82-5	ug/L	10/21/2025					<1.80							

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Parathion-Ethyl	56-38-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Parathion-Ethyl	56-38-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Parathion-Ethyl	56-38-2	ug/L	4/4/2011												<10
Parathion-Ethyl	56-38-2	ug/L	10/15/2014										<10		
Parathion-Ethyl	56-38-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Parathion-Ethyl	56-38-2	ug/L	4/4/2016												<10.3
Parathion-Ethyl	56-38-2	ug/L	4/17/2017						<11						
Parathion-Ethyl	56-38-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Parathion-Ethyl	56-38-2	ug/L	10/20/2021												<0.4
Parathion-Ethyl	56-38-2	ug/L	5/2/2022						<0.4						
Parathion-Methyl	298-00-0	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Parathion-Methyl	298-00-0	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Parathion-Methyl	298-00-0	ug/L	4/4/2011												<10
Parathion-Methyl	298-00-0	ug/L	10/15/2014										<10		
Parathion-Methyl	298-00-0	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Parathion-Methyl	298-00-0	ug/L	4/4/2016												<10.3
Parathion-Methyl	298-00-0	ug/L	4/17/2017						<11						
Parathion-Methyl	298-00-0	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Parathion-Methyl	298-00-0	ug/L	10/20/2021												<0.4
Parathion-Methyl	298-00-0	ug/L	5/2/2022						<0.4						
Pentachlorobenzene	608-93-5	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Pentachlorobenzene	608-93-5	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Pentachlorobenzene	608-93-5	ug/L	4/4/2011												<10
Pentachlorobenzene	608-93-5	ug/L	10/15/2014										<10		
Pentachlorobenzene	608-93-5	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Pentachlorobenzene	608-93-5	ug/L	4/4/2016												<10.3
Pentachlorobenzene	608-93-5	ug/L	4/17/2017						<11						
Pentachlorobenzene	608-93-5	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Pentachlorobenzene	608-93-5	ug/L	10/20/2021												<8
Pentachlorobenzene	608-93-5	ug/L	5/2/2022						<8						
Pentachlorobenzene	608-93-5	ug/L	4/23/2025							<10.4					
Pentachlorobenzene	608-93-5	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Pentachlorobenzene	608-93-5	ug/L	5/5/2025											<10.0	
Pentachlorobenzene	608-93-5	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Pentachlorobenzene	608-93-5	ug/L	5/7/2025								<10.6				
Pentachlorobenzene	608-93-5	ug/L	10/21/2025					<10.4							
Pentachloronitrobenzene	82-68-8	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Pentachloronitrobenzene	82-68-8	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Pentachloronitrobenzene	82-68-8	ug/L	4/4/2011												<10
Pentachloronitrobenzene	82-68-8	ug/L	10/15/2014										<10		
Pentachloronitrobenzene	82-68-8	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Pentachloronitrobenzene	82-68-8	ug/L	4/4/2016												<10.3
Pentachloronitrobenzene	82-68-8	ug/L	4/17/2017						<11						
Pentachloronitrobenzene	82-68-8	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Pentachloronitrobenzene	82-68-8	ug/L	10/20/2021												<8
Pentachloronitrobenzene	82-68-8	ug/L	5/2/2022						<8						
Pentachloronitrobenzene	82-68-8	ug/L	4/23/2025							<10.4					
Pentachloronitrobenzene	82-68-8	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Pentachloronitrobenzene	82-68-8	ug/L	5/5/2025											<10.0	
Pentachloronitrobenzene	82-68-8	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Pentachloronitrobenzene	82-68-8	ug/L	5/7/2025								<10.6				
Pentachloronitrobenzene	82-68-8	ug/L	10/21/2025					<10.4							
Pentachlorophenol	87-86-5	ug/L	4/23/2025							<10.4					
Pentachlorophenol	87-86-5	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Pentachlorophenol	87-86-5	ug/L	5/5/2025											<10.0	
Pentachlorophenol	87-86-5	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Pentachlorophenol	87-86-5	ug/L	5/7/2025								<10.6				
Pentachlorophenol	87-86-5	ug/L	10/21/2025					<10.4							
Pentachlorophenol [2C]	87-86-5	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Pentachlorophenol [2C]	87-86-5	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Pentachlorophenol [2C]	87-86-5	ug/L	4/4/2011												<10
Pentachlorophenol [2C]	87-86-5	ug/L	10/15/2014										<10		
Pentachlorophenol [2C]	87-86-5	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Pentachlorophenol [2C]	87-86-5	ug/L	4/4/2016												<10.3
Pentachlorophenol [2C]	87-86-5	ug/L	4/17/2017						<11						
Pentachlorophenol [2C]	87-86-5	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Pentachlorophenol [2C]	87-86-5	ug/L	10/20/2021												<8
Pentachlorophenol [2C]	87-86-5	ug/L	5/2/2022						<8						
Phenacetin	62-44-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Phenacetin	62-44-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Phenacetin	62-44-2	ug/L	4/4/2011												<10
Phenacetin	62-44-2	ug/L	10/15/2014										<10		
Phenacetin	62-44-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Phenacetin	62-44-2	ug/L	4/4/2016												<10.3
Phenacetin	62-44-2	ug/L	4/17/2017						<11						
Phenacetin	62-44-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Phenacetin	62-44-2	ug/L	10/20/2021												<8
Phenacetin	62-44-2	ug/L	5/2/2022						<8						
Phenacetin	62-44-2	ug/L	4/23/2025							<10.4					
Phenacetin	62-44-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Phenacetin	62-44-2	ug/L	5/5/2025											<10.0	
Phenacetin	62-44-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Phenacetin	62-44-2	ug/L	5/7/2025								<10.6				
Phenacetin	62-44-2	ug/L	10/21/2025					<10.4							
Phenanthrene	85-01-8	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Phenanthrene	85-01-8	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Phenanthrene	85-01-8	ug/L	4/4/2011												<10
Phenanthrene	85-01-8	ug/L	10/15/2014										<10		

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Phenanthrene	85-01-8	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Phenanthrene	85-01-8	ug/L	4/4/2016												<10.3
Phenanthrene	85-01-8	ug/L	4/17/2017						<11						
Phenanthrene	85-01-8	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Phenanthrene	85-01-8	ug/L	10/20/2021												<8
Phenanthrene	85-01-8	ug/L	5/2/2022						<8						
Phenanthrene	85-01-8	ug/L	4/23/2025							<10.4					
Phenanthrene	85-01-8	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Phenanthrene	85-01-8	ug/L	5/5/2025											<10.0	
Phenanthrene	85-01-8	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Phenanthrene	85-01-8	ug/L	5/7/2025								<10.6				
Phenanthrene	85-01-8	ug/L	10/21/2025					<10.4							
Phenol	108-95-2	ug/L	4/14/2009	<20	<20	<20	<20		<20	<40	<20				
Phenol	108-95-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Phenol	108-95-2	ug/L	4/4/2011												<10
Phenol	108-95-2	ug/L	10/15/2014										<10		
Phenol	108-95-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Phenol	108-95-2	ug/L	4/4/2016												<10.3
Phenol	108-95-2	ug/L	4/17/2017						<11						
Phenol	108-95-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Phenol	108-95-2	ug/L	10/20/2021												<8
Phenol	108-95-2	ug/L	5/2/2022						<8						
Phenol	108-95-2	ug/L	4/23/2025							<10.4					
Phenol	108-95-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Phenol	108-95-2	ug/L	5/5/2025											<10.0	
Phenol	108-95-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Phenol	108-95-2	ug/L	5/7/2025								<10.6				
Phenol	108-95-2	ug/L	10/21/2025					<10.4							
Phorate	298-02-2	ug/L	4/14/2009	<60	<60	<60	<60		<60	<120	<60				
Phorate	298-02-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Phorate	298-02-2	ug/L	4/4/2011												<10
Phorate	298-02-2	ug/L	10/15/2014										<10		
Phorate	298-02-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Phorate	298-02-2	ug/L	4/4/2016												<10.3
Phorate	298-02-2	ug/L	4/17/2017						<11						
Phorate	298-02-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Phorate	298-02-2	ug/L	10/20/2021												<0.4
Phorate	298-02-2	ug/L	5/2/2022						<0.4						
Phorate	298-02-2	ug/L	4/23/2025							<10.4					
Phorate	298-02-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Phorate	298-02-2	ug/L	5/5/2025											<10.0	
Phorate	298-02-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Phorate	298-02-2	ug/L	5/7/2025								<10.6				
Phorate	298-02-2	ug/L	10/21/2025					<10.4							
Potassium	7440-09-7	mg/L	6/2/2014	0.835J; 0.862J	6.14	1.56	2.92		1.22	1.8	<1	<1	1.09	1.29	1.01
Potassium	7440-09-7	mg/L	10/15/2014	0.919J	7.86	1.58	3.39		1.34	2.29	1.02	<1	1.15	1.6	0.907J
Potassium	7440-09-7	mg/L	3/30/2020										0.782		
Pronamide	23950-58-5	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Pronamide	23950-58-5	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Pronamide	23950-58-5	ug/L	4/4/2011												<10
Pronamide	23950-58-5	ug/L	10/15/2014										<10		
Pronamide	23950-58-5	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Pronamide	23950-58-5	ug/L	4/4/2016												<10.3
Pronamide	23950-58-5	ug/L	4/17/2017						<11						
Pronamide	23950-58-5	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Pronamide	23950-58-5	ug/L	10/20/2021												<8
Pronamide	23950-58-5	ug/L	5/2/2022						<8						
Pronamide	23950-58-5	ug/L	4/23/2025							<10.4					
Pronamide	23950-58-5	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Pronamide	23950-58-5	ug/L	5/5/2025											<10.0	
Pronamide	23950-58-5	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Pronamide	23950-58-5	ug/L	5/7/2025								<10.6				
Pronamide	23950-58-5	ug/L	10/21/2025					<10.4							
Propionitrile	107-12-0	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
Propionitrile	107-12-0	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Propionitrile	107-12-0	ug/L	4/4/2011												<10
Propionitrile	107-12-0	ug/L	10/15/2014										<10		
Propionitrile	107-12-0	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10		<10	<10	
Propionitrile	107-12-0	ug/L	4/4/2016												<10
Propionitrile	107-12-0	ug/L	4/17/2017						<10						
Propionitrile	107-12-0	ug/L	3/30/2020	<10	<10	<10	<10			<10	<10		<10	<10	
Propionitrile	107-12-0	ug/L	10/20/2021												<10
Propionitrile	107-12-0	ug/L	5/2/2022						<10						
Propionitrile	107-12-0	ug/L	4/23/2025							<10.0					
Propionitrile	107-12-0	ug/L	4/25/2025				<10.0	<10.0					<10.0		
Propionitrile	107-12-0	ug/L	5/5/2025											<10.0	
Propionitrile	107-12-0	ug/L	5/6/2025	<10.0	<10.0	<10.0									
Propionitrile	107-12-0	ug/L	5/7/2025								<10.0				
Propionitrile	107-12-0	ug/L	10/21/2025					<10.0							
Pyrene	129-00-0	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Pyrene	129-00-0	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Pyrene	129-00-0	ug/L	4/4/2011												<10
Pyrene	129-00-0	ug/L	10/15/2014										<10		
Pyrene	129-00-0	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Pyrene	129-00-0	ug/L	4/4/2016												<10.3
Pyrene	129-00-0	ug/L	4/17/2017						<11						
Pyrene	129-00-0	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Pyrene	129-00-0	ug/L	10/20/2021												<8

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Pyrene	129-00-0	ug/L	5/2/2022						<8						
Pyrene	129-00-0	ug/L	4/23/2025							<10.4					
Pyrene	129-00-0	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Pyrene	129-00-0	ug/L	5/5/2025											<10.0	
Pyrene	129-00-0	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Pyrene	129-00-0	ug/L	5/7/2025								<10.6				
Pyrene	129-00-0	ug/L	10/21/2025					<10.4							
Safrole	94-59-7	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Safrole	94-59-7	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Safrole	94-59-7	ug/L	4/4/2011												<10
Safrole	94-59-7	ug/L	10/15/2014										<10		
Safrole	94-59-7	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Safrole	94-59-7	ug/L	4/4/2016												<10.3
Safrole	94-59-7	ug/L	4/17/2017						<11						
Safrole	94-59-7	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Safrole	94-59-7	ug/L	10/20/2021												<8
Safrole	94-59-7	ug/L	5/2/2022						<8						
Safrole	94-59-7	ug/L	4/23/2025							<10.4					
Safrole	94-59-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Safrole	94-59-7	ug/L	5/5/2025											<10.0	
Safrole	94-59-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Safrole	94-59-7	ug/L	5/7/2025								<10.6				
Safrole	94-59-7	ug/L	10/21/2025					<10.4							
Selenium	7782-49-2	mg/L	2/27/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Selenium	7782-49-2	mg/L	5/12/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Selenium	7782-49-2	mg/L	7/13/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Selenium	7782-49-2	mg/L	9/14/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Selenium	7782-49-2	mg/L	11/17/2008	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005				
Selenium	7782-49-2	mg/L	4/14/2009	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01				
Selenium	7782-49-2	mg/L	7/7/2009										<0.01	<0.01	
Selenium	7782-49-2	mg/L	9/2/2009										<0.01	<0.01	
Selenium	7782-49-2	mg/L	10/25/2009	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		<0.01	<0.01	
Selenium	7782-49-2	mg/L	1/2/2010										<0.01	<0.01	
Selenium	7782-49-2	mg/L	3/3/2010										<0.01	<0.01	<0.01
Selenium	7782-49-2	mg/L	5/10/2010	0.0055	<0.002	0.0031	0.0025		0.004	0.0028	<0.002			0.0047	0.0023
Selenium	7782-49-2	mg/L	7/8/2010										<0.01	<0.01	<0.01
Selenium	7782-49-2	mg/L	9/13/2010										<0.01	<0.01	<0.01
Selenium	7782-49-2	mg/L	11/1/2010										<0.01	<0.01	
Selenium	7782-49-2	mg/L	1/10/2011										<0.005	<0.005	
Selenium	7782-49-2	mg/L	4/4/2011										<0.01	<0.01	<0.005
Selenium	7782-49-2	mg/L	7/8/2011												<0.01
Selenium	7782-49-2	mg/L	8/11/2011												<0.01
Selenium	7782-49-2	mg/L	10/13/2011		<0.005	<0.005	<0.005		<0.005	<0.005			<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	12/5/2011								<0.005				<0.005
Selenium	7782-49-2	mg/L	4/11/2012	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	6/25/2012								<0.005				
Selenium	7782-49-2	mg/L	8/1/2012								<0.005	<0.005			
Selenium	7782-49-2	mg/L	10/11/2012	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	12/13/2012								<0.005	<0.005			
Selenium	7782-49-2	mg/L	3/30/2013	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/7/2013	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	6/2/2014	<0.005	0.000709J	<0.005	<0.005		0.00105J	<0.005	<0.005	<0.005	<0.005	<0.005	0.00132J
Selenium	7782-49-2	mg/L	10/15/2014	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	4/6/2015	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/5/2015	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	4/4/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	0.00122J	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/17/2016	<0.005	0.00113J	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	0.000711J	<0.005
Selenium	7782-49-2	mg/L	4/17/2017	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/11/2017	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	4/20/2018								<0.005				
Selenium	7782-49-2	mg/L	4/24/2018						<0.005	<0.005			<0.005		
Selenium	7782-49-2	mg/L	4/25/2018	<0.005	<0.005	<0.02	<0.005					<0.005		<0.005	<0.005
Selenium	7782-49-2	mg/L	10/16/2018	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Selenium	7782-49-2	mg/L	4/16/2019	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/1/2019	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	0.00409J	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	3/30/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	0.00321J	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/7/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	0.00146J	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	0.0034J	<0.004	<0.004	<0.004
Selenium	7782-49-2	mg/L	10/20/2021	<0.004				0.0029J			<0.004; 0.0044				<0.004
Selenium	7782-49-2	mg/L	5/2/2022	<0.004				0.0028J	<0.004		<0.004	0.0027J			0.0017J
Selenium	7782-49-2	mg/L	10/14/2022	<0.004				0.0031J			<0.004				0.002J
Selenium	7782-49-2	mg/L	5/1/2023	<0.005				0.00286J; 0.00284J			<0.005	<0.005			<0.005
Selenium	7782-49-2	mg/L	10/16/2023	<0.005				0.00389J			<0.005				<0.005
Selenium	7782-49-2	mg/L	4/29/2024	<0.005				0.00375J			<0.005	<0.005			<0.005
Selenium	7782-49-2	mg/L	10/9/2024					0.00519							
Selenium	7782-49-2	mg/L	10/10/2024	<0.00500											<0.00500
Selenium	7782-49-2	mg/L	10/11/2024								<0.00500				
Selenium	7782-49-2	mg/L	2/25/2025					0.0278							
Selenium	7782-49-2	mg/L	4/23/2025							<0.00500					
Selenium	7782-49-2	mg/L	4/25/2025				<0.00500	0.00170					<0.00500		
Selenium	7782-49-2	mg/L	4/28/2025												<0.0250
Selenium	7782-49-2	mg/L	4/30/2025									<0.00500			
Selenium	7782-49-2	mg/L	5/5/2025											<0.00500	
Selenium	7782-49-2	mg/L	5/6/2025	<0.00500	<0.00500	<0.00500									
Selenium	7782-49-2	mg/L	5/7/2025								<0.00500				
Selenium	7782-49-2	mg/L	10/20/2025	<0.00500											
Selenium	7782-49-2	mg/L	10/21/2025					0.00369							
Selenium	7782-49-2	mg/L	10/23/2025								<0.00500				

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Selenium	7782-49-2	mg/L	5/4/2026	<0.00250				0.00134				<0.00250			
Selenium	7782-49-2	mg/L	5/6/2026								<0.00250				
Selenium	7782-49-2	mg/L	5/12/2026												<0.00250
Silver	7440-22-4	mg/L	2/27/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Silver	7440-22-4	mg/L	5/12/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Silver	7440-22-4	mg/L	7/13/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Silver	7440-22-4	mg/L	9/14/2008	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Silver	7440-22-4	mg/L	11/17/2008	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02				
Silver	7440-22-4	mg/L	4/14/2009	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01				
Silver	7440-22-4	mg/L	7/7/2009										<0.01	<0.01	
Silver	7440-22-4	mg/L	9/2/2009										0.018	<0.01	
Silver	7440-22-4	mg/L	10/25/2009	<0.025	<0.025	<0.025	<0.025		<0.025	<0.025	<0.025		<0.025	<0.025	
Silver	7440-22-4	mg/L	1/2/2010										<0.025	<0.025	
Silver	7440-22-4	mg/L	3/3/2010										<0.025	<0.025	<0.025
Silver	7440-22-4	mg/L	5/10/2010	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02			<0.02	<0.02
Silver	7440-22-4	mg/L	7/8/2010												<0.025
Silver	7440-22-4	mg/L	9/13/2010												<0.025
Silver	7440-22-4	mg/L	11/1/2010										<0.025	<0.025	
Silver	7440-22-4	mg/L	4/4/2011										<0.025	<0.025	<0.02
Silver	7440-22-4	mg/L	7/8/2011												<0.025
Silver	7440-22-4	mg/L	8/11/2011												<0.025
Silver	7440-22-4	mg/L	10/13/2011		<0.02	<0.02	<0.02		<0.02	<0.02			<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	12/5/2011								<0.02				
Silver	7440-22-4	mg/L	4/11/2012	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02		<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	6/25/2012								<0.02				
Silver	7440-22-4	mg/L	8/1/2012								<0.02	<0.02			
Silver	7440-22-4	mg/L	10/11/2012	<0.02	<0.02	<0.02	0.0308		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	12/13/2012								<0.02	<0.02			
Silver	7440-22-4	mg/L	3/30/2013	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	10/7/2013	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	6/2/2014	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	10/15/2014	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Silver	7440-22-4	mg/L	4/6/2015	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	0.000063J
Silver	7440-22-4	mg/L	10/5/2015	<0.001	<0.001	<0.001	<0.001			<0.001	0.000075J	<0.001	0.0001J	<0.001	<0.001
Silver	7440-22-4	mg/L	4/4/2016	<0.001	<0.001	<0.001	0.000174J		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/17/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	4/17/2017	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	0.000186J	<0.001
Silver	7440-22-4	mg/L	10/11/2017	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	4/20/2018								<0.001				
Silver	7440-22-4	mg/L	4/24/2018						<0.001	<0.001			<0.001		
Silver	7440-22-4	mg/L	4/25/2018	<0.001	<0.001	<0.004	<0.001					<0.001		<0.001	<0.001; 0.000321J
Silver	7440-22-4	mg/L	10/16/2018	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Silver	7440-22-4	mg/L	4/16/2019	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/1/2019	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/7/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	4/13/2021	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Silver	7440-22-4	mg/L	10/20/2021	<0.004				<0.004			<0.004				<0.004
Silver	7440-22-4	mg/L	5/2/2022	<0.004				<0.004	<0.004		<0.004	<0.004			<0.004
Silver	7440-22-4	mg/L	10/14/2022	<0.004				<0.004			<0.004				<0.004
Silver	7440-22-4	mg/L	5/1/2023	<0.001				<0.001			<0.001	<0.001			<0.001
Silver	7440-22-4	mg/L	10/16/2023	<0.001				<0.001			<0.001				<0.001
Silver	7440-22-4	mg/L	4/29/2024	<0.001				<0.001			<0.001	<0.001			<0.001
Silver	7440-22-4	mg/L	10/9/2024					<0.00100							
Silver	7440-22-4	mg/L	10/10/2024	<0.00100											<0.00100
Silver	7440-22-4	mg/L	10/11/2024								<0.00100				
Silver	7440-22-4	mg/L	4/23/2025							<0.00100					
Silver	7440-22-4	mg/L	4/25/2025				<0.00100	<0.00100					<0.00100		
Silver	7440-22-4	mg/L	4/28/2025												<0.00500
Silver	7440-22-4	mg/L	4/30/2025									<0.00100			
Silver	7440-22-4	mg/L	5/5/2025											<0.00100	
Silver	7440-22-4	mg/L	5/6/2025	<0.00100	<0.00100	<0.00100									
Silver	7440-22-4	mg/L	5/7/2025								<0.00100				
Silver	7440-22-4	mg/L	10/20/2025	<0.00100											
Silver	7440-22-4	mg/L	10/21/2025					<0.00100							
Silver	7440-22-4	mg/L	10/23/2025								<0.00100				
Silver	7440-22-4	mg/L	5/4/2026	<0.000500				<0.000500				<0.000500			
Silver	7440-22-4	mg/L	5/6/2026								<0.000500				
Silver	7440-22-4	mg/L	5/12/2026												<0.000500
Silvex (2,4,5-TP)	93-72-1	ug/L	4/23/2025							<0.0540					
Silvex (2,4,5-TP)	93-72-1	ug/L	4/25/2025				<0.0570	<0.0529					<0.0551		
Silvex (2,4,5-TP)	93-72-1	ug/L	5/5/2025											<0.0501	
Silvex (2,4,5-TP)	93-72-1	ug/L	5/6/2025	<0.0537	<0.0549	<0.0560									
Silvex (2,4,5-TP)	93-72-1	ug/L	5/7/2025								<0.0519				
Silvex (2,4,5-TP)	93-72-1	ug/L	10/21/2025					<0.0526							
Sodium	7440-23-5	mg/L	6/2/2014	12.4; 12.2	4.14	19.3	30.9		23.2	28.1	10	5.68	20.9	14.2	10.9
Sodium	7440-23-5	mg/L	10/15/2014	12.2	4.05	18.7	31.1		26.1	30.6	10.5	4.93	21.6	23.3	10.3
Sodium	7440-23-5	mg/L	3/30/2020										85.4		
Styrene	100-42-5	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Styrene	100-42-5	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Styrene	100-42-5	ug/L	7/7/2009										<1	<1	
Styrene	100-42-5	ug/L	9/2/2009										<1	<1	
Styrene	100-42-5	ug/L	10/25/2009	<2	<2	<2	<2		<2	<2	<2		<2	<2	
Styrene	100-42-5	ug/L	1/2/2010										<4	<4	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Styrene	100-42-5	ug/L	3/3/2010										<2	<2	<2
Styrene	100-42-5	ug/L	5/10/2010	<4	<4	<4	<4		<4	<4	<4			<4	<4
Styrene	100-42-5	ug/L	7/8/2010												<4
Styrene	100-42-5	ug/L	9/13/2010												<1
Styrene	100-42-5	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Styrene	100-42-5	ug/L	4/4/2011												<1
Styrene	100-42-5	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Styrene	100-42-5	ug/L	12/5/2011								<1				
Styrene	100-42-5	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Styrene	100-42-5	ug/L	6/25/2012								<1				
Styrene	100-42-5	ug/L	8/1/2012								<1	<1			
Styrene	100-42-5	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	12/13/2012								<1	<1			
Styrene	100-42-5	ug/L	2/4/2013								<1	<1			
Styrene	100-42-5	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Styrene	100-42-5	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/20/2018								<1				
Styrene	100-42-5	ug/L	4/24/2018						<1	<1			<1		
Styrene	100-42-5	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
Styrene	100-42-5	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/20/2021	<1				<1			<1				<1
Styrene	100-42-5	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Styrene	100-42-5	ug/L	10/14/2022	<1				<1			<1				<1
Styrene	100-42-5	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
Styrene	100-42-5	ug/L	10/16/2023	<1				<1			<1				<1
Styrene	100-42-5	ug/L	4/29/2024	<1				<1			<1	<1			<1
Styrene	100-42-5	ug/L	10/9/2024					<1.00							
Styrene	100-42-5	ug/L	10/10/2024	<1.00											<1.00
Styrene	100-42-5	ug/L	10/11/2024								<1.00				
Styrene	100-42-5	ug/L	4/23/2025							<1.00					
Styrene	100-42-5	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Styrene	100-42-5	ug/L	4/28/2025												<1.00
Styrene	100-42-5	ug/L	4/30/2025									<1.00			
Styrene	100-42-5	ug/L	5/5/2025											<1.00	
Styrene	100-42-5	ug/L	5/6/2025	<1.00	<1.00	<1.00									
Styrene	100-42-5	ug/L	5/7/2025								<1.00				
Styrene	100-42-5	ug/L	10/20/2025	<1.00											
Styrene	100-42-5	ug/L	10/21/2025					<1.00							
Styrene	100-42-5	ug/L	10/23/2025								<1.00				
Styrene	100-42-5	ug/L	5/4/2026	<1.00				<1.00				<1.00			
Styrene	100-42-5	ug/L	5/6/2026								<1.00				
Styrene	100-42-5	ug/L	5/12/2026												<1.00
Sulfate	14808-79-8	mg/L	6/2/2014	45.2	16.7	<5	58.1		133	162	28.3	13.7	2.51J	109	30.7
Sulfate	14808-79-8	mg/L	10/15/2014	38.4	9.96	<5	31.6		136	147	29.4	13.9	2.89J	102	33.9
Sulfate	14808-79-8	mg/L	4/6/2015	32.6	18.6	<1	54.6	13.1	144	171	27.7	10.4	1.78	107	33.5
Sulfate	14808-79-8	mg/L	10/5/2015	35.2	10.7	1.99J	9.2	12.8	135	128	28.4	11.5	4.15J	113	29.6
Sulfate	14808-79-8	mg/L	4/4/2016	34.1	44.2	0.466J	35.3	11.7	137	121	30.5	10.6	48.2	81.2	31.7
Sulfate	14808-79-8	mg/L	10/17/2016	25.4	13.3	<1	6.09	8.03	136	110	31.1	9.66	18.7	74.7	28.5
Sulfate	14808-79-8	mg/L	3/30/2020										235		
Sulfate	14808-79-8	mg/L	5/2/2022												21.5
Sulfate	14808-79-8	mg/L	5/1/2023												4.44
Sulfate	14808-79-8	mg/L	4/29/2024												18.5
Sulfate	14808-79-8	mg/L	4/28/2025												22.2
Sulfate	14808-79-8	mg/L	5/12/2026												14.6
Sulfide	18496-25-8	mg/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Sulfide	18496-25-8	mg/L	5/10/2010	<1	<1	<1	3.6		<1	<1	<1			<1	
Sulfide	18496-25-8	mg/L	7/8/2010				0.62								
Sulfide	18496-25-8	mg/L	9/13/2010				<1								
Sulfide	18496-25-8	mg/L	1/10/2011				<1								
Sulfide	18496-25-8	mg/L	4/4/2011												<1
Sulfide	18496-25-8	mg/L	6/2/2014				<1					<1			
Sulfide	18496-25-8	mg/L	10/15/2014				<1					<1	<1		
Sulfide	18496-25-8	mg/L	4/6/2015				<1					<1			
Sulfide	18496-25-8	mg/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	
Sulfide	18496-25-8	mg/L	4/4/2016				<1								<1
Sulfide	18496-25-8	mg/L	10/17/2016				<1								
Sulfide	18496-25-8	mg/L	4/17/2017				1.25		<1						
Sulfide	18496-25-8	mg/L	10/11/2017				4.39								
Sulfide	18496-25-8	mg/L	4/25/2018				15.7								
Sulfide	18496-25-8	mg/L	10/16/2018				0.912J								
Sulfide	18496-25-8	mg/L	4/16/2019				<1								
Sulfide	18496-25-8	mg/L	10/1/2019				4.37								
Sulfide	18496-25-8	mg/L	3/30/2020	<1	0.723J	<1	3.6			<1	<1		<1	<1	
Sulfide	18496-25-8	mg/L	10/7/2020				<10								
Sulfide	18496-25-8	mg/L	4/13/2021				<0.1								

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Sulfide	18496-25-8	mg/L	10/20/2021												<0.1
Sulfide	18496-25-8	mg/L	5/2/2022						<0.1						
Sulfide	18496-25-8	mg/L	4/23/2025							<1.00					
Sulfide	18496-25-8	mg/L	4/25/2025				<1.00	<1.00					<1.00		
Sulfide	18496-25-8	mg/L	5/5/2025											<1.00	
Sulfide	18496-25-8	mg/L	5/6/2025	<1.00	<1.00	<1.00									
Sulfide	18496-25-8	mg/L	5/7/2025								<1.00				
Sulfide	18496-25-8	mg/L	10/21/2025					<1.00							
Tetrachloro-m-xylene	877-09-8	ug/L	4/23/2025							10.5; 11.5					
Tetrachloro-m-xylene	877-09-8	ug/L	4/25/2025				5.56; 5.56	7.16; 7.16					7.31; 7.31		
Tetrachloro-m-xylene	877-09-8	ug/L	5/5/2025											8.88; 8.88	
Tetrachloro-m-xylene	877-09-8	ug/L	5/6/2025	8.54; 8.54	10.4; 10.4	9.26; 9.26									
Tetrachloro-m-xylene	877-09-8	ug/L	5/7/2025								9.38; 9.38				
Tetrachloro-m-xylene	877-09-8	ug/L	10/21/2025					15.6; 15.6							
Tetrachloroethene	127-18-4	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Tetrachloroethene	127-18-4	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Tetrachloroethene	127-18-4	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Tetrachloroethene	127-18-4	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Tetrachloroethene	127-18-4	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Tetrachloroethene	127-18-4	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Tetrachloroethene	127-18-4	ug/L	7/7/2009										<1	<1	
Tetrachloroethene	127-18-4	ug/L	9/2/2009										<1	<1	
Tetrachloroethene	127-18-4	ug/L	10/25/2009	<1	<1	<1	<1		<1	<1	<1		<1	<1	
Tetrachloroethene	127-18-4	ug/L	1/2/2010										<1	<1	
Tetrachloroethene	127-18-4	ug/L	3/3/2010										<2	<2	<2
Tetrachloroethene	127-18-4	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
Tetrachloroethene	127-18-4	ug/L	7/8/2010												<1
Tetrachloroethene	127-18-4	ug/L	9/13/2010												<1
Tetrachloroethene	127-18-4	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Tetrachloroethene	127-18-4	ug/L	4/4/2011												<1
Tetrachloroethene	127-18-4	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	12/5/2011								<1				
Tetrachloroethene	127-18-4	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	6/25/2012								<1				
Tetrachloroethene	127-18-4	ug/L	8/1/2012								<1	<1			
Tetrachloroethene	127-18-4	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	12/13/2012								<1	<1			
Tetrachloroethene	127-18-4	ug/L	2/4/2013								<1	<1			
Tetrachloroethene	127-18-4	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Tetrachloroethene	127-18-4	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/20/2018								<1				
Tetrachloroethene	127-18-4	ug/L	4/24/2018						<1	<1			<1		
Tetrachloroethene	127-18-4	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
Tetrachloroethene	127-18-4	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/20/2021	<1				<1			<1				<1
Tetrachloroethene	127-18-4	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Tetrachloroethene	127-18-4	ug/L	10/14/2022	<1				<1			<1				<1
Tetrachloroethene	127-18-4	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
Tetrachloroethene	127-18-4	ug/L	10/16/2023	<1				<1			<1				<1
Tetrachloroethene	127-18-4	ug/L	4/29/2024	<1				<1			<1	<1			<1
Tetrachloroethene	127-18-4	ug/L	10/9/2024					<1.00							
Tetrachloroethene	127-18-4	ug/L	10/10/2024	<1.00											<1.00
Tetrachloroethene	127-18-4	ug/L	10/11/2024								<1.00				
Tetrachloroethene	127-18-4	ug/L	4/23/2025							<1.00					
Tetrachloroethene	127-18-4	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Tetrachloroethene	127-18-4	ug/L	4/28/2025												<1.00
Tetrachloroethene	127-18-4	ug/L	4/30/2025									<1.00			
Tetrachloroethene	127-18-4	ug/L	5/5/2025											<1.00	
Tetrachloroethene	127-18-4	ug/L	5/6/2025	<1.00	<1.00	<1.00									
Tetrachloroethene	127-18-4	ug/L	5/7/2025								<1.00				
Tetrachloroethene	127-18-4	ug/L	10/20/2025	<1.00											
Tetrachloroethene	127-18-4	ug/L	10/21/2025					<1.00							
Tetrachloroethene	127-18-4	ug/L	10/23/2025								<1.00				
Tetrachloroethene	127-18-4	ug/L	5/4/2026	<1.00				<1.00				<1.00			
Tetrachloroethene	127-18-4	ug/L	5/6/2026								<1.00				
Tetrachloroethene	127-18-4	ug/L	5/12/2026												<1.00
Thallium	7440-28-0	mg/L	2/27/2008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	5/12/2008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	7/13/2008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	9/14/2008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	11/17/2008	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	4/14/2009	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002				
Thallium	7440-28-0	mg/L	7/7/2009										<0.002	<0.002	
Thallium	7440-28-0	mg/L	9/2/2009										<0.002	<0.002	
Thallium	7440-28-0	mg/L	10/25/2009	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002		<0.002	<0.002	

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Thallium	7440-28-0	mg/L	1/2/2010										<0.002	<0.002	
Thallium	7440-28-0	mg/L	3/3/2010										<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	5/10/2010	<0.0004	<0.0004	<0.0004	0.00059		<0.0004	<0.0004	<0.0004			<0.0004	<0.0004
Thallium	7440-28-0	mg/L	7/8/2010												<0.002
Thallium	7440-28-0	mg/L	9/13/2010												<0.002
Thallium	7440-28-0	mg/L	11/1/2010	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002			<0.002	<0.002	
Thallium	7440-28-0	mg/L	4/4/2011				<0.002								<0.002
Thallium	7440-28-0	mg/L	10/13/2011		<0.002	<0.002	<0.002		<0.002	<0.002			<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	12/5/2011								<0.002				
Thallium	7440-28-0	mg/L	4/11/2012	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	6/25/2012								<0.002				
Thallium	7440-28-0	mg/L	8/1/2012								<0.002	<0.002			
Thallium	7440-28-0	mg/L	10/11/2012	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	12/13/2012								<0.002	<0.002			
Thallium	7440-28-0	mg/L	3/30/2013	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	10/7/2013	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	6/2/2014	0.0007J; <0.002	<0.002	<0.002	<0.002		<0.002	<0.002	0.00253	<0.002	0.000652J	<0.002	<0.002
Thallium	7440-28-0	mg/L	10/15/2014	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	4/6/2015	<0.001	<0.001	<0.001	<0.001			<0.001	0.000135J	<0.001	<0.001	<0.001	0.000044J
Thallium	7440-28-0	mg/L	10/5/2015	<0.001	<0.001	<0.001	<0.001			<0.001	0.000344J	<0.001	0.000036J	<0.001	0.000054J; 0.000061J
Thallium	7440-28-0	mg/L	4/4/2016	<0.001	<0.001	<0.001	<0.001		0.000026J	0.00006J	0.000131J	<0.001	0.000034J	<0.001	0.000036J
Thallium	7440-28-0	mg/L	10/17/2016	<0.001	<0.001	<0.001	<0.001		0.000032J	0.000034J; 0.000032J	0.000122J	<0.001	<0.001	0.000026J	0.000036J
Thallium	7440-28-0	mg/L	4/17/2017	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	0.000103J	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/11/2017	<0.001	0.000224J	<0.001	<0.001		<0.001	<0.001	0.00084J	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	4/20/2018								<0.001				
Thallium	7440-28-0	mg/L	4/24/2018						<0.001	<0.001			<0.001		
Thallium	7440-28-0	mg/L	4/25/2018	<0.001	<0.001	<0.004	<0.001					<0.001		<0.001	<0.001
Thallium	7440-28-0	mg/L	10/16/2018	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	4/16/2019	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/1/2019	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	3/30/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/7/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	4/13/2021	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	0.0002J	<0.002	<0.002	<0.002	<0.002
Thallium	7440-28-0	mg/L	10/20/2021	0.0003J				<0.002			<0.002; 0.0002J				<0.002
Thallium	7440-28-0	mg/L	5/2/2022	<0.002				<0.002	<0.002		0.0002J	<0.002			<0.002
Thallium	7440-28-0	mg/L	10/14/2022	<0.002				<0.002			0.0003J; 0.0002J				<0.002
Thallium	7440-28-0	mg/L	5/1/2023	<0.001				<0.001			<0.001	<0.001			<0.001
Thallium	7440-28-0	mg/L	10/16/2023	<0.001				<0.001			<0.001				<0.001
Thallium	7440-28-0	mg/L	4/29/2024	<0.001				<0.001			<0.001	<0.001			<0.001
Thallium	7440-28-0	mg/L	10/9/2024					<0.00100							
Thallium	7440-28-0	mg/L	10/10/2024	<0.00100											<0.00100
Thallium	7440-28-0	mg/L	10/11/2024								<0.00100				
Thallium	7440-28-0	mg/L	4/23/2025							<0.00100					
Thallium	7440-28-0	mg/L	4/25/2025				<0.00100	<0.00100					<0.00100		
Thallium	7440-28-0	mg/L	4/28/2025												<0.00500
Thallium	7440-28-0	mg/L	4/30/2025									<0.00100			
Thallium	7440-28-0	mg/L	5/5/2025											<0.00100	
Thallium	7440-28-0	mg/L	5/6/2025	<0.00100	<0.00100	<0.00100									
Thallium	7440-28-0	mg/L	5/7/2025								<0.00100				
Thallium	7440-28-0	mg/L	10/20/2025	<0.00100											
Thallium	7440-28-0	mg/L	10/21/2025					<0.00100							
Thallium	7440-28-0	mg/L	10/23/2025								<0.00100				
Thallium	7440-28-0	mg/L	5/4/2026	<0.000400				<0.000400				<0.000400			
Thallium	7440-28-0	mg/L	5/6/2026								<0.000400				
Thallium	7440-28-0	mg/L	5/12/2026												<0.000400
Thionazin	297-97-2	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
Thionazin	297-97-2	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
Thionazin	297-97-2	ug/L	4/4/2011												<10
Thionazin	297-97-2	ug/L	10/15/2014										<10		
Thionazin	297-97-2	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
Thionazin	297-97-2	ug/L	4/4/2016												<10.3
Thionazin	297-97-2	ug/L	4/17/2017						<11						
Thionazin	297-97-2	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
Thionazin	297-97-2	ug/L	10/20/2021												<0.4
Thionazin	297-97-2	ug/L	5/2/2022						<0.4						
Thionazin	297-97-2	ug/L	4/23/2025							<10.4					
Thionazin	297-97-2	ug/L	4/25/2025				<10.4	<10.6					<10.2		
Thionazin	297-97-2	ug/L	5/5/2025											<10.0	
Thionazin	297-97-2	ug/L	5/6/2025	<10.4	<10.4	<10.4									
Thionazin	297-97-2	ug/L	5/7/2025								<10.6				
Thionazin	297-97-2	ug/L	10/21/2025					<10.4							
Tin	7440-31-5	mg/L	4/14/2009	<0.1	<0.1	<0.1	<0.1		0.106	<0.1	<0.1				
Tin	7440-31-5	mg/L	7/7/2009						<0.1						
Tin	7440-31-5	mg/L	9/2/2009						0.103						
Tin	7440-31-5	mg/L	10/25/2009						<0.1						
Tin	7440-31-5	mg/L	1/2/2010						<0.1						
Tin	7440-31-5	mg/L	5/10/2010	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1			<0.1	
Tin	7440-31-5	mg/L	4/4/2011												<0.1
Tin	7440-31-5	mg/L	10/13/2011						<0.1	<0.1					
Tin	7440-31-5	mg/L	4/11/2012						<0.1						
Tin	7440-31-5	mg/L	10/11/2012						<0.1			<0.1			
Tin	7440-31-5	mg/L	3/30/2013						<0.1			<0.1			
Tin	7440-31-5	mg/L	10/7/2013						0.587			0.136			
Tin	7440-31-5	mg/L	6/2/2014						<0.1						
Tin	7440-31-5	mg/L	10/15/2014						0.106				0.128		
Tin	7440-31-5	mg/L	4/6/2015									<0.005	<0.1		
Tin	7440-31-5	mg/L	6/10/2015										0.0489J		
Tin	7440-31-5	mg/L	8/10/2015										<0.005		

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Tin	7440-31-5	mg/L	9/14/2015										<0.005		
Tin	7440-31-5	mg/L	10/5/2015	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005		<0.005	<0.005	
Tin	7440-31-5	mg/L	4/4/2016										<0.005		<0.005
Tin	7440-31-5	mg/L	10/17/2016										<0.005		
Tin	7440-31-5	mg/L	4/17/2017						<0.005				<0.005		
Tin	7440-31-5	mg/L	10/11/2017						<0.005				<0.005		
Tin	7440-31-5	mg/L	4/24/2018						<0.005				<0.005		
Tin	7440-31-5	mg/L	10/16/2018						<0.005				<0.005		
Tin	7440-31-5	mg/L	4/16/2019						<0.005				<0.005		
Tin	7440-31-5	mg/L	10/1/2019						<0.005						
Tin	7440-31-5	mg/L	3/30/2020	<0.005	<0.005	<0.005	<0.005		0.0038J	<0.005	<0.005		<0.005	<0.005	
Tin	7440-31-5	mg/L	10/7/2020						<0.005						
Tin	7440-31-5	mg/L	4/13/2021						<0.02						
Tin	7440-31-5	mg/L	10/20/2021												<0.02
Tin	7440-31-5	mg/L	5/2/2022						<0.02						
Tin	7440-31-5	mg/L	4/23/2025							<0.00500					
Tin	7440-31-5	mg/L	4/25/2025				<0.00500	<0.00500					<0.00500		
Tin	7440-31-5	mg/L	5/5/2025											<0.00500	
Tin	7440-31-5	mg/L	5/6/2025	<0.00500	<0.00500	<0.00500									
Tin	7440-31-5	mg/L	5/7/2025								<0.00500				
Tin	7440-31-5	mg/L	10/21/2025					<0.00500							
Toluene	108-88-3	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Toluene	108-88-3	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Toluene	108-88-3	ug/L	7/7/2009										<1	<1	
Toluene	108-88-3	ug/L	9/2/2009										<1	<1	
Toluene	108-88-3	ug/L	10/25/2009	<1	<1	<1	<1		<1	<1	<1		<1	<1	
Toluene	108-88-3	ug/L	1/2/2010										<1	<1	
Toluene	108-88-3	ug/L	3/3/2010										<1	<1	<1
Toluene	108-88-3	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
Toluene	108-88-3	ug/L	7/8/2010												<1
Toluene	108-88-3	ug/L	9/13/2010												<1
Toluene	108-88-3	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Toluene	108-88-3	ug/L	4/4/2011												<1
Toluene	108-88-3	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Toluene	108-88-3	ug/L	12/5/2011								<1				
Toluene	108-88-3	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Toluene	108-88-3	ug/L	6/25/2012								<1				
Toluene	108-88-3	ug/L	8/1/2012								<1	<1			
Toluene	108-88-3	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	12/13/2012								<1	<1			
Toluene	108-88-3	ug/L	2/4/2013								<1	<1			
Toluene	108-88-3	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Toluene	108-88-3	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/15/2014	<1	<1; 0.168J	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	4/4/2016	<1	<1	<1	0.2J		<1	<1	<1	<1	<1	0.261J; <1	0.182J
Toluene	108-88-3	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/11/2017	<1	0.424J	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	4/20/2018								<1				
Toluene	108-88-3	ug/L	4/24/2018						<1	<1			<1		
Toluene	108-88-3	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
Toluene	108-88-3	ug/L	10/16/2018	<1	1.82	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/1/2019	<1	0.735J	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/7/2020	4.07	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/20/2021	<1				<1			<1				<1
Toluene	108-88-3	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Toluene	108-88-3	ug/L	10/14/2022	<1				<1			<1				<1
Toluene	108-88-3	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
Toluene	108-88-3	ug/L	10/16/2023	<1				<1			<1				<1
Toluene	108-88-3	ug/L	4/29/2024	<1				<1			<1	<1			<1
Toluene	108-88-3	ug/L	10/9/2024					2.31							
Toluene	108-88-3	ug/L	10/10/2024	<1.00											<1.00
Toluene	108-88-3	ug/L	10/11/2024								<1.00				
Toluene	108-88-3	ug/L	2/25/2025					<1.00							
Toluene	108-88-3	ug/L	4/23/2025							<1.00					
Toluene	108-88-3	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Toluene	108-88-3	ug/L	4/28/2025												<1.00
Toluene	108-88-3	ug/L	4/30/2025									<1.00			
Toluene	108-88-3	ug/L	5/5/2025											<1.00	
Toluene	108-88-3	ug/L	5/6/2025	<1.00	<1.00	<1.00									
Toluene	108-88-3	ug/L	5/7/2025								<1.00				
Toluene	108-88-3	ug/L	10/20/2025	<1.00											
Toluene	108-88-3	ug/L	10/21/2025					<1.00							
Toluene	108-88-3	ug/L	10/23/2025								<1.00				
Toluene	108-88-3	ug/L	5/4/2026	<1.00				<1.00				<1.00			
Toluene	108-88-3	ug/L	5/6/2026								<1.00				
Toluene	108-88-3	ug/L	5/12/2026												<1.00
Total Organic Carbon	7440-44-0	mg/L	4/28/2025												7.34

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Total Organic Carbon	7440-44-0	mg/L	5/12/2026												6.16
Total Organic Carbon	TOC	mg/L	4/6/2015	1.22	7.9	2.26	6.87	0.774J	5.4	5.78	0.7J	0.94J	8.2	5.8	2.66
Total Organic Carbon	TOC	mg/L	10/5/2015	1.32	11.8	2.08	8.45	0.582J	5.83	6.14	0.64J	0.96J	6.17	6.12	2.22
Total Organic Carbon	TOC	mg/L	4/4/2016	1.17	6.94	2.01	7.64	0.633J	5.47	6.01	0.599J	0.819J	7.47	8.37	2.16
Total Organic Carbon	TOC	mg/L	10/17/2016	1.59	12.6	1.7	6.47	0.75J	3.21	4.45	0.71J	0.834J	8.61	8.45	2.72
Total Organic Carbon	TOC	mg/L	5/2/2022												9.97
Total Organic Carbon	TOC	mg/L	5/1/2023												20.8
Total Organic Carbon	TOC	mg/L	4/29/2024												8.86
Total Suspended Solids	STL00161	mg/L	10/9/2024					1.88							
Total Suspended Solids	STL00161	mg/L	10/10/2024	42.0											49.0
Total Suspended Solids	STL00161	mg/L	10/11/2024								36.7				
Total Suspended Solids	STL00161	mg/L	2/25/2025					<1.88							
Total Suspended Solids	STL00161	mg/L	4/23/2025							3.13					
Total Suspended Solids	STL00161	mg/L	4/25/2025				30.0	<1.88					2.88		
Total Suspended Solids	STL00161	mg/L	4/28/2025												60.0
Total Suspended Solids	STL00161	mg/L	4/30/2025									3.63			
Total Suspended Solids	STL00161	mg/L	5/5/2025											37.0	
Total Suspended Solids	STL00161	mg/L	5/6/2025	53.0	4.25	43.0									
Total Suspended Solids	STL00161	mg/L	5/7/2025						7.38		332				
Total Suspended Solids	STL00161	mg/L	10/20/2025	40.0											
Total Suspended Solids	STL00161	mg/L	10/21/2025					<1.88							
Total Suspended Solids	STL00161	mg/L	10/23/2025								254				
Total Suspended Solids	STL00161	mg/L	5/4/2026	36.0				<1.88	1.38			<1.88			
Total Suspended Solids	STL00161	mg/L	5/5/2026		1.88	33.0	24.3			5.37			4.75	72.7	
Total Suspended Solids	STL00161	mg/L	5/6/2026								78.5				
Total Suspended Solids	STL00161	mg/L	5/12/2026												54.0
Total Suspended Solids	TSS	mg/L	6/2/2014	26.4	16	30	59	79.2	6.33	5.33	704	<5	6.67	<5	4.33J
Total Suspended Solids	TSS	mg/L	10/15/2014	45.3	1.5J; 2.38	213	45.5	9.12	9.4	8.33	642	5.88	2.75	<1.88	<1.88
Total Suspended Solids	TSS	mg/L	4/6/2015	17.7	4	30.5	41.3	<4.35	3	1.83J	26.6	<2.5	2J	<2.5	5.67
Total Suspended Solids	TSS	mg/L	8/10/2015										2		
Total Suspended Solids	TSS	mg/L	9/14/2015										<1.88		
Total Suspended Solids	TSS	mg/L	10/5/2015	28.6	4.38	34.8	60.4	2.13	3.38	4.25	2160	3.25	4.13	121	1.25J; <1.88
Total Suspended Solids	TSS	mg/L	4/4/2016	30.4	1.38J	24.5	38.7	<1.88	2.63	5.88	25.8	<1.88	8.5	0.75J; <1.88	1.13J
Total Suspended Solids	TSS	mg/L	10/11/2016								1730				
Total Suspended Solids	TSS	mg/L	10/17/2016	29	15.4	35	71.3	0.625J	6.25	5; 10	168	1.25J	4.13	1J	0.625J
Total Suspended Solids	TSS	mg/L	11/14/2016								289				
Total Suspended Solids	TSS	mg/L	4/17/2017	35; 35.4	10	66; 30.8	103	0.875J	13.8	9.38	41.5	3.75	11.9	6	2
Total Suspended Solids	TSS	mg/L	10/11/2017	29.6	5.75	28; 28.9	355	0.875J	3.13	6.63	2730	7.88	39.6	5.37	1.63J
Total Suspended Solids	TSS	mg/L	4/20/2018								28.5				
Total Suspended Solids	TSS	mg/L	4/24/2018					1.38J	4.75	4.38			21.9		
Total Suspended Solids	TSS	mg/L	4/25/2018	50.9	5.63	38.9	103					6.38		7	1.75J; 1.63J
Total Suspended Solids	TSS	mg/L	10/16/2018	33	12.5	36.3; 40.8	69.7	5.25	1.13J	16.2	71.3	197	39.5	1240	11.2
Total Suspended Solids	TSS	mg/L	4/16/2019	71; 62	7.88	41.3	58.9	0.75J	1.63J	2.5	53	26	65.1	375	19
Total Suspended Solids	TSS	mg/L	10/1/2019	23.9	13	27.5	70	2.13	2.38	5.25	40.7; 32.1	4.5	50	10.9	11
Total Suspended Solids	TSS	mg/L	3/30/2020	25.9	6	36	62	0.875J	2.75J	2.13	26	2.63	26J	10.5	19; 20
Total Suspended Solids	TSS	mg/L	10/7/2020	4	31.6	25	60	<1.88	1.63J	4.62	14.3	13	52	60.5; 22	1.38J
Total Suspended Solids	TSS	mg/L	4/13/2021	32	51	39	56	5	<2	2	15	3	59	244	21
Total Suspended Solids	TSS	mg/L	10/20/2021	38				3			53; 36				5
Total Suspended Solids	TSS	mg/L	5/2/2022	36; 40	<2	132	90	<2	5	6	136	61	59	23	33
Total Suspended Solids	TSS	mg/L	10/14/2022	41				2			221; 93				20
Total Suspended Solids	TSS	mg/L	5/1/2023	42	3.13	90	64	4.88; 1.25J	2.5	5.88	80	10	8.5	5.5	96
Total Suspended Solids	TSS	mg/L	10/16/2023	42				2.38			17.4; 12.9				60
Total Suspended Solids	TSS	mg/L	4/29/2024	34.5	2.75	53	52	48.4	4.13	5.37	63.5	61.3	2.25	7.13; 4.88	42.3
Toxaphene	8001-35-2	ug/L	4/14/2009	<2	<2	2.35	12.3		<2	<2	<2				
Toxaphene	8001-35-2	ug/L	7/7/2009			<2	<2								
Toxaphene	8001-35-2	ug/L	9/2/2009			<2	4.34								
Toxaphene	8001-35-2	ug/L	10/25/2009			<2	4.36								
Toxaphene	8001-35-2	ug/L	1/2/2010			<2	4.52								
Toxaphene	8001-35-2	ug/L	5/10/2010	<2	<2	<2	<2		<2	<2	<2			<2	
Toxaphene	8001-35-2	ug/L	11/1/2010			<2	<2								
Toxaphene	8001-35-2	ug/L	4/4/2011			<2	<2								<2
Toxaphene	8001-35-2	ug/L	10/13/2011				<2								
Toxaphene	8001-35-2	ug/L	4/11/2012			<2	<2								
Toxaphene	8001-35-2	ug/L	10/11/2012			<2	<2								
Toxaphene	8001-35-2	ug/L	3/30/2013			<2	<2					<2			
Toxaphene	8001-35-2	ug/L	10/7/2013									<2.02			
Toxaphene	8001-35-2	ug/L	6/2/2014			<2.08	<2								
Toxaphene	8001-35-2	ug/L	10/15/2014			<2	<2						<2		
Toxaphene	8001-35-2	ug/L	4/6/2015			<2	<2								
Toxaphene	8001-35-2	ug/L	10/5/2015	<2	<2.06	<2	<2			<2.02	<2.04		<2.38	<2	
Toxaphene	8001-35-2	ug/L	4/4/2016			<2	<2								<2.08
Toxaphene	8001-35-2	ug/L	10/17/2016			<2	<2.02								
Toxaphene	8001-35-2	ug/L	4/17/2017						<2.11						
Toxaphene	8001-35-2	ug/L	3/30/2020	<2.08	<2.11	<2.08	<2.08			<2.13	<2.06		<2.11	<2.11	
Toxaphene	8001-35-2	ug/L	10/20/2021												<0.2
Toxaphene	8001-35-2	ug/L	5/2/2022						<0.2						
Toxaphene	8001-35-2	ug/L	4/23/2025							<1.81					
Toxaphene	8001-35-2	ug/L	4/25/2025				<1.84	<1.93					<1.80		
Toxaphene	8001-35-2	ug/L	5/5/2025											<1.81	
Toxaphene	8001-35-2	ug/L	5/6/2025	<1.81	<1.80	<1.83									
Toxaphene	8001-35-2	ug/L	5/7/2025								<1.79				
Toxaphene	8001-35-2	ug/L	10/21/2025					<1.80							
Trichloroethene	79-01-6	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Trichloroethene	79-01-6	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Trichloroethene	79-01-6	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Trichloroethene	79-01-6	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Trichloroethene	79-01-6	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Trichloroethene	79-01-6	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Trichloroethene	79-01-6	ug/L	7/7/2009										<1	<1	
Trichloroethene	79-01-6	ug/L	9/2/2009										<1	<1	
Trichloroethene	79-01-6	ug/L	10/25/2009	<1	<1	<1	<1		<1	<1	<1		<1	<1	
Trichloroethene	79-01-6	ug/L	1/2/2010										<1	<1	
Trichloroethene	79-01-6	ug/L	3/3/2010										<1	<1	<1
Trichloroethene	79-01-6	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
Trichloroethene	79-01-6	ug/L	7/8/2010												<1
Trichloroethene	79-01-6	ug/L	9/13/2010												<1
Trichloroethene	79-01-6	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Trichloroethene	79-01-6	ug/L	4/4/2011												<1
Trichloroethene	79-01-6	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Trichloroethene	79-01-6	ug/L	12/5/2011								<1				
Trichloroethene	79-01-6	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Trichloroethene	79-01-6	ug/L	6/25/2012								<1				
Trichloroethene	79-01-6	ug/L	8/1/2012								<1	<1			
Trichloroethene	79-01-6	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	12/13/2012								<1	<1			
Trichloroethene	79-01-6	ug/L	2/4/2013								<1	<1			
Trichloroethene	79-01-6	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Trichloroethene	79-01-6	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/20/2018								<1				
Trichloroethene	79-01-6	ug/L	4/24/2018						<1	<1			<1		
Trichloroethene	79-01-6	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
Trichloroethene	79-01-6	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/20/2021	<1				<1			<1				0.4J
Trichloroethene	79-01-6	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Trichloroethene	79-01-6	ug/L	10/14/2022	<1				<1			<1				<1
Trichloroethene	79-01-6	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
Trichloroethene	79-01-6	ug/L	10/16/2023	<1				<1			<1				<1
Trichloroethene	79-01-6	ug/L	4/29/2024	<1				<1			<1	<1			<1
Trichloroethene	79-01-6	ug/L	10/9/2024					<1.00							
Trichloroethene	79-01-6	ug/L	10/10/2024	<1.00											<1.00
Trichloroethene	79-01-6	ug/L	10/11/2024								<1.00				
Trichloroethene	79-01-6	ug/L	4/23/2025							<1.00					
Trichloroethene	79-01-6	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Trichloroethene	79-01-6	ug/L	4/28/2025												<1.00
Trichloroethene	79-01-6	ug/L	4/30/2025									<1.00			
Trichloroethene	79-01-6	ug/L	5/5/2025											<1.00	
Trichloroethene	79-01-6	ug/L	5/6/2025	<1.00	<1.00	<1.00									
Trichloroethene	79-01-6	ug/L	5/7/2025								<1.00				
Trichloroethene	79-01-6	ug/L	10/20/2025	<1.00											
Trichloroethene	79-01-6	ug/L	10/21/2025					<1.00							
Trichloroethene	79-01-6	ug/L	10/23/2025								<1.00				
Trichloroethene	79-01-6	ug/L	5/4/2026	<1.00				<1.00				<1.00			
Trichloroethene	79-01-6	ug/L	5/6/2026								<1.00				
Trichloroethene	79-01-6	ug/L	5/12/2026												<1.00
Trichlorofluoromethane	75-69-4	ug/L	2/27/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	5/12/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	7/13/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	9/14/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	11/17/2008	<4	<4	<4	<4	<4	<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	4/14/2009	<4	<4	<4	<4		<4	<4	<4				
Trichlorofluoromethane	75-69-4	ug/L	7/7/2009										<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	9/2/2009										<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	10/25/2009	<4	<4	<4	<4		<4	<4	<4		<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	1/2/2010										<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	3/3/2010										<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	5/10/2010	<4	<4	<4	<4		<4	<4	<4			<4	<4
Trichlorofluoromethane	75-69-4	ug/L	7/8/2010												<4
Trichlorofluoromethane	75-69-4	ug/L	9/13/2010												<4
Trichlorofluoromethane	75-69-4	ug/L	11/1/2010	<4	<4	<4	<4		<4	<4			<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	4/4/2011												<4
Trichlorofluoromethane	75-69-4	ug/L	10/13/2011	<4	<4	<4	<4		<4	<4			<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	12/5/2011								<4				
Trichlorofluoromethane	75-69-4	ug/L	4/11/2012	<4	<4	<4	<4		<4	<4	<4		<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	6/25/2012								<4				
Trichlorofluoromethane	75-69-4	ug/L	8/1/2012								<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	10/11/2012	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	12/13/2012								<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	2/4/2013								<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	3/30/2013	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/7/2013		<4	<4			<4	<4	<4	<4	<4		<4
Trichlorofluoromethane	75-69-4	ug/L	6/2/2014	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/15/2014	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/6/2015	<4	<4	<4	<4			<4	<4	<4	<4	<4	<4

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Trichlorofluoromethane	75-69-4	ug/L	10/5/2015	<4	<4	<4	<4			<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/4/2016	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/17/2016	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/17/2017	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/11/2017	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/20/2018								<4				
Trichlorofluoromethane	75-69-4	ug/L	4/24/2018						<4	<4			<4		
Trichlorofluoromethane	75-69-4	ug/L	4/25/2018	<4	<4	<4	<4					<4		<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/16/2018	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/16/2019	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/1/2019	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	3/30/2020	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/7/2020	<4	<4	<4	<4		<4	<4	<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Trichlorofluoromethane	75-69-4	ug/L	10/20/2021	<1				<1			<1				<1
Trichlorofluoromethane	75-69-4	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Trichlorofluoromethane	75-69-4	ug/L	10/14/2022	<1				<1			<1				<1
Trichlorofluoromethane	75-69-4	ug/L	5/1/2023	<4				<4	<4		<4	<4		<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/16/2023	<4				<4			<4				<4
Trichlorofluoromethane	75-69-4	ug/L	4/29/2024	<4				<4			<4	<4			<4
Trichlorofluoromethane	75-69-4	ug/L	10/9/2024					<4.00							
Trichlorofluoromethane	75-69-4	ug/L	10/10/2024	<4.00											<4.00
Trichlorofluoromethane	75-69-4	ug/L	10/11/2024								<4.00				
Trichlorofluoromethane	75-69-4	ug/L	4/23/2025							<4.00					
Trichlorofluoromethane	75-69-4	ug/L	4/25/2025				<4.00	<4.00					<4.00		
Trichlorofluoromethane	75-69-4	ug/L	4/28/2025												<4.00
Trichlorofluoromethane	75-69-4	ug/L	4/30/2025									<4.00			
Trichlorofluoromethane	75-69-4	ug/L	5/5/2025											<4.00	
Trichlorofluoromethane	75-69-4	ug/L	5/6/2025	<4.00	<4.00	<4.00									
Trichlorofluoromethane	75-69-4	ug/L	5/7/2025								<4.00				
Trichlorofluoromethane	75-69-4	ug/L	10/20/2025	<4.00											
Trichlorofluoromethane	75-69-4	ug/L	10/21/2025					<4.00							
Trichlorofluoromethane	75-69-4	ug/L	10/23/2025								<4.00				
Trichlorofluoromethane	75-69-4	ug/L	5/4/2026	<4.00				<4.00				<4.00			
Trichlorofluoromethane	75-69-4	ug/L	5/6/2026								<4.00				
Trichlorofluoromethane	75-69-4	ug/L	5/12/2026												<4.00
Vanadium	7440-62-2	mg/L	2/27/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0642				
Vanadium	7440-62-2	mg/L	5/12/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	7/13/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	9/14/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	11/17/2008	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	4/14/2009	<0.05	<0.05	<0.05	0.0624		<0.05	<0.05	<0.05				
Vanadium	7440-62-2	mg/L	7/7/2009				<0.05						<0.05	<0.05	
Vanadium	7440-62-2	mg/L	9/2/2009				<0.05						<0.05	<0.05	
Vanadium	7440-62-2	mg/L	10/25/2009	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05		<0.05	<0.05	
Vanadium	7440-62-2	mg/L	1/2/2010				<0.05						<0.05	<0.05	
Vanadium	7440-62-2	mg/L	3/3/2010										<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	5/10/2010	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05			<0.05	<0.05
Vanadium	7440-62-2	mg/L	7/8/2010												<0.05
Vanadium	7440-62-2	mg/L	9/13/2010												<0.05
Vanadium	7440-62-2	mg/L	11/1/2010	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05			<0.05	<0.05	
Vanadium	7440-62-2	mg/L	4/4/2011				<0.05								<0.05
Vanadium	7440-62-2	mg/L	10/13/2011		<0.05	<0.05	<0.05		<0.05	<0.05			<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	12/5/2011								<0.05				
Vanadium	7440-62-2	mg/L	4/11/2012	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05		<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	6/25/2012								<0.05				
Vanadium	7440-62-2	mg/L	8/1/2012								<0.05	<0.05			
Vanadium	7440-62-2	mg/L	10/11/2012	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.129
Vanadium	7440-62-2	mg/L	12/13/2012								<0.05	<0.05			
Vanadium	7440-62-2	mg/L	3/30/2013	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	10/7/2013	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	6/2/2014	<0.05	<0.05	<0.05	<0.05		<0.05	<0.05	0.00343J	<0.05	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	10/15/2014	<0.05	0.00362J; 0.00379J	0.00376J	<0.05		<0.05	<0.05	0.00855J	0.00308J	<0.05	<0.05	<0.05
Vanadium	7440-62-2	mg/L	4/6/2015	<0.005	0.00174J	0.000472J	0.00101J			<0.005	0.000898J	0.00111J	<0.005	0.000584J	0.000489J
Vanadium	7440-62-2	mg/L	10/5/2015	<0.005	0.00355J	<0.005	0.00109J			<0.005	0.00623	0.00128J	<0.005	0.00232J	<0.005
Vanadium	7440-62-2	mg/L	4/4/2016	<0.005	0.000599J	<0.005	0.000947J		<0.005	<0.005	0.000663J	0.00109J	<0.005	0.000753J; 0.000799J	0.000373J
Vanadium	7440-62-2	mg/L	10/17/2016	<0.005	0.00299J	0.000277J	0.0011J		<0.005	<0.005; 0.000261J	0.000763J	0.00146J	0.000362J	0.00216J	<0.005
Vanadium	7440-62-2	mg/L	4/17/2017	<0.005	0.000949J	0.00085J; <0.005	0.0014J		<0.005	<0.005	<0.005	0.00131J	<0.005	0.00149J	<0.005
Vanadium	7440-62-2	mg/L	10/11/2017	<0.005	<0.005	<0.005	0.00729		<0.005	<0.005	0.00504	0.00169J	<0.005	0.001J	<0.005
Vanadium	7440-62-2	mg/L	4/20/2018								0.003J				
Vanadium	7440-62-2	mg/L	4/24/2018						<0.005	<0.005			<0.005		
Vanadium	7440-62-2	mg/L	4/25/2018	<0.005	0.00234J	<0.02	0.00247J					0.00149J		0.000698J	<0.005
Vanadium	7440-62-2	mg/L	10/16/2018	<0.005	0.00518	0.00303J; 0.00311J	0.00504		0.00354J	0.00398J	0.0117	0.0302	0.00348J	0.00421J	<0.005
Vanadium	7440-62-2	mg/L	4/16/2019	<0.005	<0.005	<0.005	0.00115J		<0.005	<0.005	<0.005	0.00179J	<0.005	0.00174J	<0.005
Vanadium	7440-62-2	mg/L	10/1/2019	<0.005	0.00125J	<0.005	0.00178J		<0.005	<0.005	0.00101J; 0.00087J	0.00183J	<0.005	0.00161J	<0.005
Vanadium	7440-62-2	mg/L	3/30/2020	<0.005	0.00119J	<0.005	0.00177J		<0.005	<0.005	0.00118J	0.00157J	<0.005	0.00203J	<0.005
Vanadium	7440-62-2	mg/L	10/7/2020	<0.005	<0.005	<0.005	0.00306J		<0.005	<0.005	<0.005	0.00275J	<0.005	0.00184J; 0.00183J	<0.005
Vanadium	7440-62-2	mg/L	4/13/2021	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Vanadium	7440-62-2	mg/L	10/20/2021	<0.02				<0.02			<0.02				<0.02
Vanadium	7440-62-2	mg/L	5/2/2022	<0.02				<0.02	<0.02		<0.02	<0.02			<0.02
Vanadium	7440-62-2	mg/L	10/14/2022	<0.02				<0.02			<0.02				<0.02
Vanadium	7440-62-2	mg/L	5/1/2023	<0.005				<0.005			<0.005	0.00271J			0.00176J
Vanadium	7440-62-2	mg/L	10/16/2023	<0.005				0.00124J			<0.005				<0.005
Vanadium	7440-62-2	mg/L	4/29/2024	<0.005				0.00176J			<0.005	0.00144J			<0.005
Vanadium	7440-62-2	mg/L	10/9/2024					0.00169J							
Vanadium	7440-62-2	mg/L	10/10/2024	<0.00500											<0.00500
Vanadium	7440-62-2	mg/L	10/11/2024								<0.00500				
Vanadium	7440-62-2	mg/L	4/23/2025							<0.00500					

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Vanadium	7440-62-2	mg/L	4/25/2025				<0.00500	<0.00500					<0.00500		
Vanadium	7440-62-2	mg/L	4/28/2025												<0.0250
Vanadium	7440-62-2	mg/L	4/30/2025									<0.00500			
Vanadium	7440-62-2	mg/L	5/5/2025											<0.00500	
Vanadium	7440-62-2	mg/L	5/6/2025	<0.00500	<0.00500	<0.00500									
Vanadium	7440-62-2	mg/L	5/7/2025								0.00545				
Vanadium	7440-62-2	mg/L	10/20/2025	<0.00500											
Vanadium	7440-62-2	mg/L	10/21/2025					<0.00500							
Vanadium	7440-62-2	mg/L	10/23/2025								0.00214				
Vanadium	7440-62-2	mg/L	5/4/2026	0.00104				0.00105				0.00120			
Vanadium	7440-62-2	mg/L	5/6/2026								0.00537				
Vanadium	7440-62-2	mg/L	5/12/2026												0.000767
Vinyl Acetate	108-05-4	ug/L	2/27/2008	<2	<2	<2	<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	5/12/2008	<2.5	<2.5	<2	<2.5	<2.5	<2	<2.5	<2.5				
Vinyl Acetate	108-05-4	ug/L	7/13/2008	<2	<2	<2	<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	9/14/2008	<2	<2	<2	<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	11/17/2008	<2	<2	<2	<2	<2	<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	4/14/2009	<2	<2	<2	<2		<2	<2	<2				
Vinyl Acetate	108-05-4	ug/L	7/7/2009										<2	<2	
Vinyl Acetate	108-05-4	ug/L	9/2/2009										<2	<2	
Vinyl Acetate	108-05-4	ug/L	10/25/2009	<2	<2	<2	<2		<2	<2	<2		<2	<2	
Vinyl Acetate	108-05-4	ug/L	1/2/2010										<2	<2	
Vinyl Acetate	108-05-4	ug/L	3/3/2010										<2	<2	<2
Vinyl Acetate	108-05-4	ug/L	5/10/2010	<2	<2	<2	<2		<2	<2	<2			<2	<2
Vinyl Acetate	108-05-4	ug/L	7/8/2010												<2
Vinyl Acetate	108-05-4	ug/L	9/13/2010												<2
Vinyl Acetate	108-05-4	ug/L	11/1/2010	<2	<2	<5	<5		<2	<2			<2	<2	
Vinyl Acetate	108-05-4	ug/L	4/4/2011												<2
Vinyl Acetate	108-05-4	ug/L	10/13/2011	<2	<50	<2	<10		<10	<10			<50	<10	<50
Vinyl Acetate	108-05-4	ug/L	12/5/2011								<2				
Vinyl Acetate	108-05-4	ug/L	4/11/2012	<20	<20	<20	<20		<20	<2	<20		<20	<20	<2
Vinyl Acetate	108-05-4	ug/L	6/25/2012								<2				
Vinyl Acetate	108-05-4	ug/L	8/1/2012								<4	<20			
Vinyl Acetate	108-05-4	ug/L	10/11/2012	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<2
Vinyl Acetate	108-05-4	ug/L	12/13/2012								<2	<2			
Vinyl Acetate	108-05-4	ug/L	2/4/2013								<2	<2			
Vinyl Acetate	108-05-4	ug/L	3/30/2013	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Vinyl Acetate	108-05-4	ug/L	10/7/2013		<2	<2			<2	<2	<2	<2	<2		<2
Vinyl Acetate	108-05-4	ug/L	6/2/2014	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Vinyl Acetate	108-05-4	ug/L	10/15/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/6/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/4/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/17/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/17/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/11/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/20/2018								<10				
Vinyl Acetate	108-05-4	ug/L	4/24/2018						<10	<10			<10		
Vinyl Acetate	108-05-4	ug/L	4/25/2018	<10	<10	<10	<10					<10		<10	<10
Vinyl Acetate	108-05-4	ug/L	10/16/2018	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/16/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/1/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	3/30/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/7/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	4/13/2021	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
Vinyl Acetate	108-05-4	ug/L	10/20/2021	<5				<5			<5				<5
Vinyl Acetate	108-05-4	ug/L	5/2/2022	<5				<5	<5		<5	<5			<5
Vinyl Acetate	108-05-4	ug/L	10/14/2022	<5				<5			<5				<5
Vinyl Acetate	108-05-4	ug/L	5/1/2023	<10				<10	<10		<10	<10		<10	<10
Vinyl Acetate	108-05-4	ug/L	10/16/2023	<10				<10			<10				<10
Vinyl Acetate	108-05-4	ug/L	4/29/2024	<10				<10			<10	<10			<10
Vinyl Chloride	75-01-4	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Vinyl Chloride	75-01-4	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Vinyl Chloride	75-01-4	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Vinyl Chloride	75-01-4	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Vinyl Chloride	75-01-4	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
Vinyl Chloride	75-01-4	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
Vinyl Chloride	75-01-4	ug/L	7/7/2009										<1	<1	
Vinyl Chloride	75-01-4	ug/L	9/2/2009										<1	<1	
Vinyl Chloride	75-01-4	ug/L	10/25/2009	<1	<1	<1	<1		<1	<1	<1		<1	<1	
Vinyl Chloride	75-01-4	ug/L	1/2/2010										<1	<1	
Vinyl Chloride	75-01-4	ug/L	3/3/2010										<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
Vinyl Chloride	75-01-4	ug/L	7/8/2010												<1
Vinyl Chloride	75-01-4	ug/L	9/13/2010												<1
Vinyl Chloride	75-01-4	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
Vinyl Chloride	75-01-4	ug/L	4/4/2011												<1
Vinyl Chloride	75-01-4	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	12/5/2011								<1				
Vinyl Chloride	75-01-4	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	6/25/2012								<1				
Vinyl Chloride	75-01-4	ug/L	8/1/2012								<1	<1			
Vinyl Chloride	75-01-4	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	12/13/2012								<1	<1			
Vinyl Chloride	75-01-4	ug/L	2/4/2013								<1	<1			
Vinyl Chloride	75-01-4	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
Vinyl Chloride	75-01-4	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Vinyl Chloride	75-01-4	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/6/2015	<1	<1	<1	0.202J			<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	0.102J	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/4/2016	<1	<1	0.2J	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/17/2016	<1	<1	0.12J	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/17/2017	<1	<1	0.422J; 0.371J	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/11/2017	<1	<1	0.433J; 0.485J	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/20/2018								<1				
Vinyl Chloride	75-01-4	ug/L	4/24/2018						<1	<1			<1		
Vinyl Chloride	75-01-4	ug/L	4/25/2018	<1	<1	0.317J	<1					<1		<1	<1
Vinyl Chloride	75-01-4	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/1/2019	<1	<1	0.448J	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	3/30/2020	<1	<1	0.385J	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/20/2021	<1				<1			<1				<1
Vinyl Chloride	75-01-4	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
Vinyl Chloride	75-01-4	ug/L	10/14/2022	<1				<1			<1				<1
Vinyl Chloride	75-01-4	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
Vinyl Chloride	75-01-4	ug/L	10/16/2023	<1				<1			<1				<1
Vinyl Chloride	75-01-4	ug/L	4/29/2024	<1				<1			<1	<1			<1
Vinyl acetate	108-05-4	ug/L	10/9/2024					<10.0							
Vinyl acetate	108-05-4	ug/L	10/10/2024	<10.0											<10.0
Vinyl acetate	108-05-4	ug/L	10/11/2024								<10.0				
Vinyl acetate	108-05-4	ug/L	4/23/2025							<10.0					
Vinyl acetate	108-05-4	ug/L	4/25/2025				<10.0	<10.0					<10.0		
Vinyl acetate	108-05-4	ug/L	4/28/2025												<10.0
Vinyl acetate	108-05-4	ug/L	4/30/2025									<10.0			
Vinyl acetate	108-05-4	ug/L	5/5/2025											<10.0	
Vinyl acetate	108-05-4	ug/L	5/6/2025	<10.0	<10.0	<10.0									
Vinyl acetate	108-05-4	ug/L	5/7/2025								<10.0				
Vinyl acetate	108-05-4	ug/L	10/20/2025	<10.0											
Vinyl acetate	108-05-4	ug/L	10/21/2025					<10.0							
Vinyl acetate	108-05-4	ug/L	10/23/2025								<10.0				
Vinyl acetate	108-05-4	ug/L	5/4/2026	<10.0				<10.0				<10.0			
Vinyl acetate	108-05-4	ug/L	5/6/2026								<10.0				
Vinyl acetate	108-05-4	ug/L	5/12/2026												<10.0
Vinyl chloride	75-01-4	ug/L	10/9/2024					<1.00							
Vinyl chloride	75-01-4	ug/L	10/10/2024	<1.00											<1.00
Vinyl chloride	75-01-4	ug/L	10/11/2024								<1.00				
Vinyl chloride	75-01-4	ug/L	4/23/2025							<1.00					
Vinyl chloride	75-01-4	ug/L	4/25/2025				<1.00	<1.00					<1.00		
Vinyl chloride	75-01-4	ug/L	4/28/2025												<1.00
Vinyl chloride	75-01-4	ug/L	4/30/2025									<1.00			
Vinyl chloride	75-01-4	ug/L	5/5/2025											<1.00	
Vinyl chloride	75-01-4	ug/L	5/6/2025	<1.00	<1.00	0.217									
Vinyl chloride	75-01-4	ug/L	5/7/2025								<1.00				
Vinyl chloride	75-01-4	ug/L	10/20/2025	<1.00											
Vinyl chloride	75-01-4	ug/L	10/21/2025					<1.00							
Vinyl chloride	75-01-4	ug/L	10/23/2025								<1.00				
Vinyl chloride	75-01-4	ug/L	5/4/2026	<1.00				<1.00				<1.00			
Vinyl chloride	75-01-4	ug/L	5/6/2026								<1.00				
Vinyl chloride	75-01-4	ug/L	5/12/2026												<1.00
Xylenes, Total	1330-20-7	ug/L	2/27/2008	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	5/12/2008	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	7/13/2008	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	9/14/2008	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	11/17/2008	<3	<3	<3	<3	<3	<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	4/14/2009	<3	<3	<3	<3		<3	<3	<3				
Xylenes, Total	1330-20-7	ug/L	7/7/2009										<3	<3	
Xylenes, Total	1330-20-7	ug/L	9/2/2009										<3	<3	
Xylenes, Total	1330-20-7	ug/L	10/25/2009	<6	<6	<6	<6		<6	<3	<6		<6	<6	
Xylenes, Total	1330-20-7	ug/L	1/2/2010										<3	<3	
Xylenes, Total	1330-20-7	ug/L	3/3/2010										<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	5/10/2010	<6	<12	<12	<12		<12	<12	<12			<12	<12
Xylenes, Total	1330-20-7	ug/L	7/8/2010												<3
Xylenes, Total	1330-20-7	ug/L	9/13/2010												<3
Xylenes, Total	1330-20-7	ug/L	11/1/2010	<3	<3	<3	<3		<3	<3			<3	<3	
Xylenes, Total	1330-20-7	ug/L	4/4/2011												<3
Xylenes, Total	1330-20-7	ug/L	10/13/2011	<3	<3	<3	<3		<3	<3			<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	12/5/2011								<3				
Xylenes, Total	1330-20-7	ug/L	4/11/2012	<3	<3	<3	<3		<3	<3	<3		<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	6/25/2012								<3				
Xylenes, Total	1330-20-7	ug/L	8/1/2012								<3	<3			
Xylenes, Total	1330-20-7	ug/L	10/11/2012	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	12/13/2012								<3	<3			
Xylenes, Total	1330-20-7	ug/L	2/4/2013								<3	<3			
Xylenes, Total	1330-20-7	ug/L	3/30/2013	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	10/7/2013		<3	<3			<3	<3	<3	<3	<3		<3
Xylenes, Total	1330-20-7	ug/L	6/2/2014	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	10/15/2014	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	4/6/2015	<3	<3	<3	<3			<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	10/5/2015	<3	<3	<3	<3			<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	4/4/2016	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	10/17/2016	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	4/17/2017	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	10/11/2017	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Xylenes, Total	1330-20-7	ug/L	4/20/2018								<3				
Xylenes, Total	1330-20-7	ug/L	4/24/2018						<3	<3			<3		
Xylenes, Total	1330-20-7	ug/L	4/25/2018	<3	<3	<3	<3					<3		<3	<3
Xylenes, Total	1330-20-7	ug/L	10/16/2018	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	4/16/2019	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	10/1/2019	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	3/30/2020	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	10/7/2020	<3	<3	<3	<3		<3	<3	<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	4/13/2021	<2	<2	<2	<2		<2	<2	<2	<2	<2	<2	<2
Xylenes, Total	1330-20-7	ug/L	10/20/2021	<2				<2			<2				<2
Xylenes, Total	1330-20-7	ug/L	5/2/2022	<2				<2	<2		<2	<2			<2
Xylenes, Total	1330-20-7	ug/L	10/14/2022	<2				<2			<2				<2
Xylenes, Total	1330-20-7	ug/L	5/1/2023	<3				<3	<3		<3	<3		<3	<3
Xylenes, Total	1330-20-7	ug/L	10/16/2023	<3				<3			<3				<3
Xylenes, Total	1330-20-7	ug/L	4/29/2024	<3				<3			<3	<3			<3
Xylenes, Total	1330-20-7	ug/L	10/9/2024					<3.00							
Xylenes, Total	1330-20-7	ug/L	10/10/2024	<3.00											<3.00
Xylenes, Total	1330-20-7	ug/L	10/11/2024								<3.00				
Xylenes, Total	1330-20-7	ug/L	4/23/2025							<3.00					
Xylenes, Total	1330-20-7	ug/L	4/25/2025				<3.00	<3.00					<3.00		
Xylenes, Total	1330-20-7	ug/L	4/28/2025												<3.00
Xylenes, Total	1330-20-7	ug/L	4/30/2025									<3.00			
Xylenes, Total	1330-20-7	ug/L	5/5/2025											<3.00	
Xylenes, Total	1330-20-7	ug/L	5/6/2025	<3.00	<3.00	<3.00									
Xylenes, Total	1330-20-7	ug/L	5/7/2025								<3.00				
Xylenes, Total	1330-20-7	ug/L	10/20/2025	<3.00											
Xylenes, Total	1330-20-7	ug/L	10/21/2025					<3.00							
Xylenes, Total	1330-20-7	ug/L	10/23/2025								<3.00				
Xylenes, Total	1330-20-7	ug/L	5/4/2026	<3.00				<3.00				<3.00			
Xylenes, Total	1330-20-7	ug/L	5/6/2026								<3.00				
Xylenes, Total	1330-20-7	ug/L	5/12/2026												<3.00
Zinc	7440-66-6	mg/L	2/27/2008	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.101				
Zinc	7440-66-6	mg/L	5/12/2008	<0.1	<0.1	0.167	<0.1	<0.1	<0.1	<0.1	<0.1				
Zinc	7440-66-6	mg/L	7/13/2008	<0.1	0.164	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1				
Zinc	7440-66-6	mg/L	9/14/2008	<0.1	<0.1	0.116	0.126	<0.1	<0.1	<0.1	<0.1				
Zinc	7440-66-6	mg/L	11/17/2008	<0.02	0.131	0.0671	0.0316	<0.02	0.0225	0.0289	<0.02				
Zinc	7440-66-6	mg/L	4/14/2009	<0.1	<0.1	<0.1	0.146		<0.1	<0.1	<0.1				
Zinc	7440-66-6	mg/L	7/7/2009				<0.1						<0.1	<0.1	
Zinc	7440-66-6	mg/L	9/2/2009				<0.1						<0.1	<0.1	
Zinc	7440-66-6	mg/L	10/25/2009	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1		<0.1	<0.1	
Zinc	7440-66-6	mg/L	1/2/2010				<0.1						<0.1	<0.1	
Zinc	7440-66-6	mg/L	3/3/2010										<0.1	<0.1	0.12
Zinc	7440-66-6	mg/L	5/10/2010	<0.02	0.0765	0.0224	0.0745		<0.02	0.0273	<0.02			<0.02	0.0306
Zinc	7440-66-6	mg/L	7/8/2010										<0.1		<0.1
Zinc	7440-66-6	mg/L	9/13/2010										<0.1		<0.1
Zinc	7440-66-6	mg/L	11/1/2010										<0.1	<0.1	
Zinc	7440-66-6	mg/L	1/10/2011										0.0708		
Zinc	7440-66-6	mg/L	4/4/2011										<0.1	<0.1	0.0819
Zinc	7440-66-6	mg/L	7/8/2011												<0.1
Zinc	7440-66-6	mg/L	8/11/2011												<0.1
Zinc	7440-66-6	mg/L	10/13/2011		0.0488	<0.02	<0.02		<0.02	<0.02			0.0262	<0.02	0.027
Zinc	7440-66-6	mg/L	12/5/2011								<0.02				<0.02
Zinc	7440-66-6	mg/L	4/11/2012	<0.02	0.041	0.0233	<0.02		<0.02	<0.02	0.0373		<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	6/25/2012								<0.02				
Zinc	7440-66-6	mg/L	8/1/2012								<0.02	<0.02			
Zinc	7440-66-6	mg/L	10/11/2012	<0.02	0.0409	<0.02	0.0539		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.196
Zinc	7440-66-6	mg/L	12/13/2012								0.0407	0.0208			
Zinc	7440-66-6	mg/L	3/30/2013	0.0458	0.111	0.0499	0.0505		0.0571	0.0391	0.032	<0.02	0.065	0.0328	0.0818
Zinc	7440-66-6	mg/L	10/7/2013	0.126; 0.124	0.0945	0.0968	0.258		0.129	0.134	0.161	0.0269	0.135	0.152	0.193
Zinc	7440-66-6	mg/L	6/2/2014	<0.02	<0.02	<0.04	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/15/2014	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	0.0326	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	4/6/2015	<0.01	0.0138	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	mg/L	10/5/2015	<0.01	0.0114	<0.01	<0.01			0.0085J	0.0335	<0.01	<0.01	<0.01	<0.01
Zinc	7440-66-6	mg/L	4/4/2016	<0.01	0.03	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	0.00755J; <0.01	0.0348
Zinc	7440-66-6	mg/L	10/17/2016	<0.01	0.0117	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	0.00594J	0.0171	<0.01
Zinc	7440-66-6	mg/L	4/17/2017	<0.02	0.0301	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/11/2017	<0.02	<0.02	<0.02	<0.02		0.0144J	<0.02	0.022	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	4/20/2018								<0.02				
Zinc	7440-66-6	mg/L	4/24/2018						<0.02	<0.02			<0.02		
Zinc	7440-66-6	mg/L	4/25/2018	<0.02	0.039	<0.08	<0.02					<0.02		<0.02	<0.02
Zinc	7440-66-6	mg/L	10/16/2018	<0.02	0.0408	<0.02	<0.02		<0.02	<0.02	0.0159J	0.0324	0.00825J	<0.02	<0.02
Zinc	7440-66-6	mg/L	4/16/2019	<0.02	0.0327	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/1/2019	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	3/30/2020	<0.02	0.0191J	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/7/2020	<0.02	0.0128J	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	4/13/2021	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/20/2021	<0.02				<0.02			<0.02				<0.02
Zinc	7440-66-6	mg/L	5/2/2022	<0.02				<0.02	<0.02		<0.02	<0.02			<0.02
Zinc	7440-66-6	mg/L	10/14/2022	<0.02				<0.02			<0.02				<0.02
Zinc	7440-66-6	mg/L	5/1/2023	<0.02				<0.02			<0.02	<0.02			<0.02
Zinc	7440-66-6	mg/L	10/16/2023	0.0102J				0.00681J			<0.02				0.0151J
Zinc	7440-66-6	mg/L	4/29/2024	<0.02				<0.02			<0.02	<0.02			<0.02
Zinc	7440-66-6	mg/L	10/9/2024					<0.0200							
Zinc	7440-66-6	mg/L	10/10/2024	<0.0200											<0.0200
Zinc	7440-66-6	mg/L	10/11/2024								<0.0200				
Zinc	7440-66-6	mg/L	4/23/2025							<0.0200					
Zinc	7440-66-6	mg/L	4/25/2025				<0.0200	<0.0200					<0.0200		
Zinc	7440-66-6	mg/L	4/28/2025												<0.100

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
Zinc	7440-66-6	mg/L	4/30/2025									<0.0200			
Zinc	7440-66-6	mg/L	5/5/2025											<0.0200	
Zinc	7440-66-6	mg/L	5/6/2025	<0.0200	0.0153	<0.0200									
Zinc	7440-66-6	mg/L	5/7/2025								<0.0200				
Zinc	7440-66-6	mg/L	10/20/2025	<0.0200											
Zinc	7440-66-6	mg/L	10/21/2025					<0.0200							
Zinc	7440-66-6	mg/L	10/23/2025								<0.0200				
Zinc	7440-66-6	mg/L	5/4/2026	<0.0200				<0.0200				<0.0200			
Zinc	7440-66-6	mg/L	5/6/2026								<0.0200				
Zinc	7440-66-6	mg/L	5/12/2026												0.00734
alpha-BHC	319-84-6	ug/L	4/23/2025							<0.0904					
alpha-BHC	319-84-6	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
alpha-BHC	319-84-6	ug/L	5/5/2025											<0.0904	
alpha-BHC	319-84-6	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
alpha-BHC	319-84-6	ug/L	5/7/2025								<0.0897				
alpha-BHC	319-84-6	ug/L	10/21/2025					<0.0900							
beta-BHC	319-85-7	ug/L	4/23/2025							<0.0904					
beta-BHC	319-85-7	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
beta-BHC	319-85-7	ug/L	5/5/2025											<0.0904	
beta-BHC	319-85-7	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
beta-BHC	319-85-7	ug/L	5/7/2025								<0.0897				
beta-BHC	319-85-7	ug/L	10/21/2025					<0.0900							
bis (2-chloroisopropyl) ether	108-60-1	ug/L	4/23/2025							<10.4					
bis (2-chloroisopropyl) ether	108-60-1	ug/L	4/25/2025				<10.4	<10.6					<10.2		
bis (2-chloroisopropyl) ether	108-60-1	ug/L	5/5/2025											<10.0	
bis (2-chloroisopropyl) ether	108-60-1	ug/L	5/6/2025	<10.4	<10.4	<10.4									
bis (2-chloroisopropyl) ether	108-60-1	ug/L	5/7/2025								<10.6				
bis (2-chloroisopropyl) ether	108-60-1	ug/L	10/21/2025					<10.4							
cis-1,2-Dichloroethene	156-59-2	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	7/7/2009										<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	9/2/2009										<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/2009	<1	<1	<1	<1		<1	<1	<1		<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	1/2/2010										<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2010										<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	7/8/2010												<1
cis-1,2-Dichloroethene	156-59-2	ug/L	9/13/2010												<1
cis-1,2-Dichloroethene	156-59-2	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2011												<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	12/5/2011								<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	6/25/2012								<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	8/1/2012								<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	12/13/2012								<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	2/4/2013								<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
cis-1,2-Dichloroethene	156-59-2	ug/L	6/2/2014	<1	<1	<1	0.344J		<1	<1	<1	<1	0.381J	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/5/2015	<1	<1	<1	0.203J			0.18J	<1	<1	0.712J	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	0.177J	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2016	<1	<1	0.34J	<1		<1	<1	<1	<1	0.341J	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2017	<1	<1	0.243J; <1	<1		<1	<1	<1	<1	0.224J	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/20/2018								<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/24/2018						<1	<1			0.292J		
cis-1,2-Dichloroethene	156-59-2	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/20/2021	<1				<1			<1				<1
cis-1,2-Dichloroethene	156-59-2	ug/L	5/2/2022	<1; 0.6J				<1	<1		<1	<1			<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/14/2022	<1				<1			<1				<1
cis-1,2-Dichloroethene	156-59-2	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2023	<1				<1			<1				<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2024	<1				<1			<1	<1			<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/9/2024					<1.00							
cis-1,2-Dichloroethene	156-59-2	ug/L	10/10/2024	<1.00											<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2024								<1.00				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/23/2025							<1.00					
cis-1,2-Dichloroethene	156-59-2	ug/L	4/25/2025				<1.00	<1.00					<1.00		
cis-1,2-Dichloroethene	156-59-2	ug/L	4/28/2025												<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025									<1.00			
cis-1,2-Dichloroethene	156-59-2	ug/L	5/5/2025											<1.00	
cis-1,2-Dichloroethene	156-59-2	ug/L	5/6/2025	<1.00	<1.00	<1.00									
cis-1,2-Dichloroethene	156-59-2	ug/L	5/7/2025								<1.00				
cis-1,2-Dichloroethene	156-59-2	ug/L	10/20/2025	<1.00											

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
cis-1,2-Dichloroethene	156-59-2	ug/L	10/21/2025					<1.00							
cis-1,2-Dichloroethene	156-59-2	ug/L	10/23/2025								<1.00				
cis-1,2-Dichloroethene	156-59-2	ug/L	5/4/2026	<1.00				<1.00				<1.00			
cis-1,2-Dichloroethene	156-59-2	ug/L	5/6/2026								<1.00				
cis-1,2-Dichloroethene	156-59-2	ug/L	5/12/2026												<1.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2009	<5	<5	<5	<5		<5	<5	<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/7/2009										<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	9/2/2009										<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/25/2009	<5	<5	<5	<5		<5	<5	<5		<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	1/2/2010										<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2010										<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/10/2010	<5	<5	<5	<5		<5	<5	<5			<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/8/2010												<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	9/13/2010												<10
cis-1,3-Dichloropropene	10061-01-5	ug/L	11/1/2010	<5	<5	<5	<5		<5	<5			<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/4/2011												<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/13/2011	<5	<5	<5	<5		<5	<5			<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	12/5/2011								<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012	<5	<5	<5	<5		<5	<5	<5		<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	6/25/2012								<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	8/1/2012								<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2012	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	12/13/2012								<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	2/4/2013								<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2013	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2013		<5	<5			<5	<5	<5	<5	<5		<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	6/2/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/15/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/6/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/5/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/4/2016	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2016	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/17/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/20/2018								<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/24/2018						<5	<5			<5		
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/25/2018	<5	<5	<5	<5					<5		<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2018	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/20/2021	<1				<1			<1				<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/14/2022	<1				<1			<1				<1
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/1/2023	<5				<5	<5		<5	<5		<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2023	<5				<5			<5				<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2024	<5				<5			<5	<5			<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/9/2024					<5.00							
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/10/2024	<5.00											<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2024								<5.00				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/23/2025							<5.00					
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/25/2025				<5.00	<5.00					<5.00		
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/28/2025												<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025									<5.00			
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/5/2025											<5.00	
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/6/2025	<5.00	<5.00	<5.00									
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/7/2025								<5.00				
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/20/2025	<5.00											
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/21/2025					<5.00							
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/23/2025								<5.00				
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/4/2026	<5.00				<5.00				<5.00			
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/6/2026								<5.00				
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/12/2026												<5.00
delta-BHC	319-86-8	ug/L	4/23/2025							<0.0904					
delta-BHC	319-86-8	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
delta-BHC	319-86-8	ug/L	5/5/2025											<0.0904	
delta-BHC	319-86-8	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
delta-BHC	319-86-8	ug/L	5/7/2025								<0.0897				
delta-BHC	319-86-8	ug/L	10/21/2025					<0.0900							
gamma-BHC (Lindane)	58-89-9	ug/L	4/23/2025							<0.0904					
gamma-BHC (Lindane)	58-89-9	ug/L	4/25/2025				<0.0921	<0.0964					<0.0902		
gamma-BHC (Lindane)	58-89-9	ug/L	5/5/2025											<0.0904	
gamma-BHC (Lindane)	58-89-9	ug/L	5/6/2025	<0.0904	<0.0900	<0.0916									
gamma-BHC (Lindane)	58-89-9	ug/L	5/7/2025								<0.0897				
gamma-BHC (Lindane)	58-89-9	ug/L	10/21/2025					<0.0900							
m/p-Cresol	T-34MP	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
m/p-Cresol	T-34MP	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
m/p-Cresol	T-34MP	ug/L	4/4/2011												<10
m/p-Cresol	T-34MP	ug/L	10/15/2014										<10		
m/p-Cresol	T-34MP	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
m/p-Cresol	T-34MP	ug/L	4/4/2016												<10.3

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
m/p-Cresol	T-34MP	ug/L	4/17/2017						<11						
m/p-Cresol	T-34MP	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
m/p-Cresol	T-34MP	ug/L	10/20/2021												<8
m/p-Cresol	T-34MP	ug/L	5/2/2022						<8						
o,o',o"-Triethylphosphorothioate	126-68-1	ug/L	4/23/2025							<10.4					
o,o',o"-Triethylphosphorothioate	126-68-1	ug/L	4/25/2025				<10.4	<10.6					<10.2		
o,o',o"-Triethylphosphorothioate	126-68-1	ug/L	5/5/2025											<10.0	
o,o',o"-Triethylphosphorothioate	126-68-1	ug/L	5/6/2025	<10.4	<10.4	<10.4									
o,o',o"-Triethylphosphorothioate	126-68-1	ug/L	5/7/2025								<10.6				
o,o',o"-Triethylphosphorothioate	126-68-1	ug/L	10/21/2025					<10.4							
o-Toluidine	95-53-4	ug/L	4/23/2025							<10.4					
o-Toluidine	95-53-4	ug/L	4/25/2025				<10.4	<10.6					<10.2		
o-Toluidine	95-53-4	ug/L	5/5/2025											<10.0	
o-Toluidine	95-53-4	ug/L	5/6/2025	<10.4	<10.4	<10.4									
o-Toluidine	95-53-4	ug/L	5/7/2025								<10.6				
o-Toluidine	95-53-4	ug/L	10/21/2025					<10.4							
p-Chloroaniline	106-47-8	ug/L	4/14/2009	<10	<10	<10	<10		<10	<20	<10				
p-Chloroaniline	106-47-8	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	
p-Chloroaniline	106-47-8	ug/L	4/4/2011												<10
p-Chloroaniline	106-47-8	ug/L	10/15/2014										<10		
p-Chloroaniline	106-47-8	ug/L	10/5/2015	<10	<10.3	<10	<10			<10.3	<10.8		<10.9	<10	
p-Chloroaniline	106-47-8	ug/L	4/4/2016												<10.3
p-Chloroaniline	106-47-8	ug/L	4/17/2017						<11						
p-Chloroaniline	106-47-8	ug/L	3/30/2020	<10.4	<10.4	<10.4	<10.2			<10.2	<10.3		<10.4	<10.4	
p-Chloroaniline	106-47-8	ug/L	10/20/2021												<8
p-Chloroaniline	106-47-8	ug/L	5/2/2022						<8						
p-Dimethylamino azobenzene	60-11-7	ug/L	4/23/2025							<10.4					
p-Dimethylamino azobenzene	60-11-7	ug/L	4/25/2025				<10.4	<10.6					<10.2		
p-Dimethylamino azobenzene	60-11-7	ug/L	5/5/2025											<10.0	
p-Dimethylamino azobenzene	60-11-7	ug/L	5/6/2025	<10.4	<10.4	<10.4									
p-Dimethylamino azobenzene	60-11-7	ug/L	5/7/2025								<10.6				
p-Dimethylamino azobenzene	60-11-7	ug/L	10/21/2025					<10.4							
trans-1,2-Dichloroethene	156-60-5	ug/L	2/27/2008	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2008	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	7/13/2008	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	9/14/2008	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	11/17/2008	<1	<1	<1	<1	<1	<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2009	<1	<1	<1	<1		<1	<1	<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	7/7/2009										<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	9/2/2009										<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/2009	<1	<1	<1	<1		<1	<1	<1		<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	1/2/2010										<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2010										<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	5/10/2010	<1	<1	<1	<1		<1	<1	<1			<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	7/8/2010												<1
trans-1,2-Dichloroethene	156-60-5	ug/L	9/13/2010												<1
trans-1,2-Dichloroethene	156-60-5	ug/L	11/1/2010	<1	<1	<1	<1		<1	<1			<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2011												<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/13/2011	<1	<1	<1	<1		<1	<1			<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	12/5/2011								<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012	<1	<1	<1	<1		<1	<1	<1		<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	6/25/2012								<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	8/1/2012								<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2012	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	12/13/2012								<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	2/4/2013								<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2013	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2013		<1	<1			<1	<1	<1	<1	<1		<1
trans-1,2-Dichloroethene	156-60-5	ug/L	6/2/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/15/2014	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/6/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/5/2015	<1	<1	<1	<1			<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2016	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/17/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2017	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/20/2018								<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/24/2018						<1	<1			<1		
trans-1,2-Dichloroethene	156-60-5	ug/L	4/25/2018	<1	<1	<1	<1					<1		<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2018	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2019	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2020	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/20/2021	<1				<1			<1				<1
trans-1,2-Dichloroethene	156-60-5	ug/L	5/2/2022	<1				<1	<1		<1	<1			<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/14/2022	<1				<1			<1				<1
trans-1,2-Dichloroethene	156-60-5	ug/L	5/1/2023	<1				<1	<1		<1	<1		<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2023	<1				<1			<1				<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2024	<1				<1			<1	<1			<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/9/2024					<1.00							
trans-1,2-Dichloroethene	156-60-5	ug/L	10/10/2024	<1.00											<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2024								<1.00				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/23/2025							<1.00					
trans-1,2-Dichloroethene	156-60-5	ug/L	4/25/2025				<1.00	<1.00					<1.00		
trans-1,2-Dichloroethene	156-60-5	ug/L	4/28/2025												<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025									<1.00			

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
trans-1,2-Dichloroethene	156-60-5	ug/L	5/5/2025											<1.00	
trans-1,2-Dichloroethene	156-60-5	ug/L	5/6/2025	<1.00	<1.00	<1.00									
trans-1,2-Dichloroethene	156-60-5	ug/L	5/7/2025								<1.00				
trans-1,2-Dichloroethene	156-60-5	ug/L	10/20/2025	<1.00											
trans-1,2-Dichloroethene	156-60-5	ug/L	10/21/2025					<1.00							
trans-1,2-Dichloroethene	156-60-5	ug/L	10/23/2025								<1.00				
trans-1,2-Dichloroethene	156-60-5	ug/L	5/4/2026	<1.00				<1.00				<1.00			
trans-1,2-Dichloroethene	156-60-5	ug/L	5/6/2026								<1.00				
trans-1,2-Dichloroethene	156-60-5	ug/L	5/12/2026												<1.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	2/27/2008	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2008	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/13/2008	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	9/14/2008	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	11/17/2008	<5	<5	<5	<5	<5	<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2009	<5	<5	<5	<5		<5	<5	<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/7/2009										<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	9/2/2009										<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/25/2009	<5	<5	<5	<5		<5	<10	<5		<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	1/2/2010										<10	<10	
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2010										<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/10/2010	<5	<5	<5	<5		<5	<5	<5			<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/8/2010												<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	9/13/2010												<10
trans-1,3-Dichloropropene	10061-02-6	ug/L	11/1/2010	<10	<10	<5	<5		<10	<10			<5	<10	
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/4/2011												<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/13/2011	<5	<5	<5	<5		<5	<5			<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	12/5/2011								<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012	<5	<5	<5	<5		<5	<5	<5		<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	6/25/2012								<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	8/1/2012								<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2012	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	12/13/2012								<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	2/4/2013								<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2013	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2013		<5	<5			<5	<5	<5	<5	<5		<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	6/2/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/15/2014	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/6/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/5/2015	<5	<5	<5	<5			<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/4/2016	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2016	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/17/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2017	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/20/2018								<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/24/2018						<5	<5			<5		
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/25/2018	<5	<5	<5	<5					<5		<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2018	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2019	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2020	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/13/2021	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/20/2021	<1				<1			<1				<1
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/2/2022	<1				<1	0.4J		<1	<1			<1
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/14/2022	<1				<1			<1				<1
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/1/2023	<5				<5	<5		<5	<5		<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2023	<5				<5			<5				<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2024	<5				<5			<5	<5			<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/9/2024					<5.00							
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/10/2024	<5.00											<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2024								<5.00				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/23/2025							<5.00					
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/25/2025				<5.00	<5.00					<5.00		
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/28/2025												<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025									<5.00			
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/5/2025											<5.00	
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/6/2025	<5.00	<5.00	<5.00									
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/7/2025								<5.00				
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/20/2025	<5.00											
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/21/2025					<5.00							
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/23/2025								<5.00				
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/4/2026	<5.00				<5.00				<5.00			
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/6/2026								<5.00				
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/12/2026												<5.00
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/27/2008	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/12/2008	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/13/2008	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/14/2008	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/17/2008	<10	<10	<10	<10	<10	<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/14/2009	<10	<10	<10	<10		<10	<10	<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/7/2009										<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/2/2009										<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/25/2009	<10	<10	<10	<10		<10	<10	<10		<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	1/2/2010										<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/3/2010										<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/10/2010	<10	<10	<10	<10		<10	<10	<10			<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/8/2010												<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/13/2010												<10

Table 9A
Analytical Data Summary - Series B HMSP Wells
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	MW-1B	MW-5B	MW-7B1	MW-8B	MW-10B	MW-12B	MW-14B	MW-31B	MW-39B	MW-208B	MW-210B	MW-211B
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	11/1/2010	<10	<10	<10	<10		<10	<10			<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/4/2011												<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/13/2011	<10	<10	<10	<10		<10	<10			<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/5/2011								<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/11/2012	<20	<20	<20	<20		<20	<10	<10		<20	<20	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/25/2012								<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/1/2012								<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/11/2012	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/13/2012								<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	2/4/2013								<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2013	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2013		<10	<10			<10	<10	<10	<10	<10		<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	6/2/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/15/2014	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/6/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/5/2015	<10	<10	<10	<10			<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/4/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/17/2016	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/17/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/11/2017	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/20/2018								<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/24/2018						<10	<10			<10		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/25/2018	<10	<10	<10	<10					<10		<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/16/2018	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/16/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/1/2019	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2020	<10	<10	<10	<10		<10	<10	<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/13/2021	<5	<5	<5	<5		<5	<5	<5	<5	<5	<5	<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/20/2021	<5				<5			<5				<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/2/2022	<5				<5	<5		<5	<5			<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/14/2022	<5				<5			<5				<5
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/1/2023	<10				<10	<10		<10	<10		<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/16/2023	<10				<10			<10				<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2024	<10				<10			<10	<10			<10
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/9/2024					<10.0							
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/10/2024	<10.0											<10.0
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/11/2024								<10.0				
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/23/2025							<10.0					
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/25/2025				<10.0	<10.0					<10.0		
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/28/2025												<10.0
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/30/2025									<10.0			
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/5/2025											<10.0	
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/6/2025	<10.0	<10.0	<10.0									
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/7/2025								<10.0				
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/20/2025	<10.0											
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/21/2025					<10.0							
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/23/2025								<10.0				
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/4/2026	<10.0				<10.0				<10.0			
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/6/2026								<10.0				
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/12/2026												<10.0

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/14/2009	<1	<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/7/2009		<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	9/2/2009		<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/25/2009	<2	<2	<2			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/3/2010	<2	<2	<2			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/10/2010	<4	<4	<4			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	7/8/2011		<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/11/2011		<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/13/2011		<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/11/2012		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/1/2012		<1	<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2012			<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/13/2012				<25		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2013	<1			<1		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/5/2015			<10			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/4/2016			<1			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/17/2016		<1				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/17/2017					<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2017		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/15/2018		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/26/2018		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2018		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/16/2019		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/1/2019		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/30/2020		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/7/2020		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/13/2021		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/20/2021		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/2/2022		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/1/2023		<1	<1	<1	<1	
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	8/1/2023			<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/16/2023		<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	12/20/2023						<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	3/20/2024						<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/29/2024		<1	<1	<1	<1	<1
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	2/25/2025						<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/4/2026						<1.00
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/4/2026		<1.00				
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/4/2026			<1.00			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/4/2026				<1.00		
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5/4/2026					<1.00	
1,1,1-Trichloroethane	71-55-6	ug/L	4/14/2009	<1	<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	7/7/2009		<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	9/2/2009		<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	10/25/2009	<1	<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	3/3/2010	<1	<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	5/10/2010	<4	<4	<4			
1,1,1-Trichloroethane	71-55-6	ug/L	7/8/2011		<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	8/11/2011		<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	10/13/2011		<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	4/11/2012		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	8/1/2012		<1	<1			
1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2012			<1			
1,1,1-Trichloroethane	71-55-6	ug/L	12/13/2012				<25		
1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2013	<1			<1		

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,1,1-Trichloroethane	71-55-6	ug/L	10/5/2015			<10			
1,1,1-Trichloroethane	71-55-6	ug/L	4/4/2016			<1			
1,1,1-Trichloroethane	71-55-6	ug/L	10/17/2016		<1				
1,1,1-Trichloroethane	71-55-6	ug/L	4/17/2017					<1	
1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2017		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	3/15/2018		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	4/26/2018		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2018		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	4/16/2019		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	10/1/2019		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	3/30/2020		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	10/7/2020		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	4/13/2021		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	10/20/2021		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	5/2/2022		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	5/1/2023		<1	<1	<1	<1	
1,1,1-Trichloroethane	71-55-6	ug/L	8/1/2023			<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/16/2023		<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	12/20/2023						<1
1,1,1-Trichloroethane	71-55-6	ug/L	3/20/2024						<1
1,1,1-Trichloroethane	71-55-6	ug/L	4/29/2024		<1	<1	<1	<1	<1
1,1,1-Trichloroethane	71-55-6	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	2/25/2025						<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	5/4/2026						<1.00
1,1,1-Trichloroethane	71-55-6	ug/L	5/4/2026		<1.00				
1,1,1-Trichloroethane	71-55-6	ug/L	5/4/2026			<1.00			
1,1,1-Trichloroethane	71-55-6	ug/L	5/4/2026				<1.00		
1,1,1-Trichloroethane	71-55-6	ug/L	5/4/2026					<1.00	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/14/2009	<1	<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/7/2009		<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	9/2/2009		<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/25/2009	<2	<2	<2			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/3/2010	<2	<2	<2			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/10/2010	<1	<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	7/8/2011		<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/11/2011		<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/13/2011		<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/11/2012		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/1/2012		<1	<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2012			<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/13/2012				<25		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2013	<1			<1		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/5/2015			<10			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/4/2016			<1			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/17/2016		<1				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/17/2017					<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2017		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/15/2018		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/26/2018		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2018		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/16/2019		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/1/2019		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/30/2020		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/7/2020		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/13/2021		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/20/2021		<1	<1	<1	<1	

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/2/2022		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/1/2023		<1	<1	<1	<1	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	8/1/2023			<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/16/2023		<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	12/20/2023						<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	3/20/2024						<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/29/2024		<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	2/25/2025						<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/4/2026						<1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/4/2026		<1.00				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/4/2026			<1.00			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/4/2026				<1.00		
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5/4/2026					<1.00	
1,1,2-Trichloroethane	79-00-5	ug/L	4/14/2009	<1	<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	7/7/2009		<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	9/2/2009		<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	10/25/2009	<2	<2	<2			
1,1,2-Trichloroethane	79-00-5	ug/L	3/3/2010	<1	<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	5/10/2010	<1	<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	7/8/2011		<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	8/11/2011		<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	10/13/2011		<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	4/11/2012		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	8/1/2012		<1	<1			
1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2012			<1			
1,1,2-Trichloroethane	79-00-5	ug/L	12/13/2012				<25		
1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2013	<1			<1		
1,1,2-Trichloroethane	79-00-5	ug/L	10/5/2015			<10			
1,1,2-Trichloroethane	79-00-5	ug/L	4/4/2016			<1			
1,1,2-Trichloroethane	79-00-5	ug/L	10/17/2016		<1				
1,1,2-Trichloroethane	79-00-5	ug/L	4/17/2017					<1	
1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2017		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	3/15/2018		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	4/26/2018		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2018		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	4/16/2019		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	10/1/2019		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	3/30/2020		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	10/7/2020		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	4/13/2021		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	10/20/2021		<1	0.5J	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	5/2/2022		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	5/1/2023		<1	<1	<1	<1	
1,1,2-Trichloroethane	79-00-5	ug/L	8/1/2023			<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/16/2023		<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	12/20/2023						<1
1,1,2-Trichloroethane	79-00-5	ug/L	3/20/2024						<1
1,1,2-Trichloroethane	79-00-5	ug/L	4/29/2024		<1	<1	<1	<1	<1
1,1,2-Trichloroethane	79-00-5	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	2/25/2025						<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	5/4/2026						<1.00
1,1,2-Trichloroethane	79-00-5	ug/L	5/4/2026		<1.00				
1,1,2-Trichloroethane	79-00-5	ug/L	5/4/2026			<1.00			

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,1,2-Trichloroethane	79-00-5	ug/L	5/4/2026				<1.00		
1,1,2-Trichloroethane	79-00-5	ug/L	5/4/2026					<1.00	
1,1-Dichloroethane	75-34-3	ug/L	4/14/2009	<1	<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	7/7/2009		<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	9/2/2009		<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	10/25/2009	<1	<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	3/3/2010	<1	<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	5/10/2010	<1	<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	7/8/2011		<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	8/11/2011		<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	10/13/2011		<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	4/11/2012		<1	<1	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	8/1/2012		<1	<1			
1,1-Dichloroethane	75-34-3	ug/L	10/11/2012			<1			
1,1-Dichloroethane	75-34-3	ug/L	12/13/2012				<25		
1,1-Dichloroethane	75-34-3	ug/L	3/30/2013	<1			<1		
1,1-Dichloroethane	75-34-3	ug/L	10/5/2015			<10			
1,1-Dichloroethane	75-34-3	ug/L	4/4/2016			<1			
1,1-Dichloroethane	75-34-3	ug/L	10/17/2016		<1				
1,1-Dichloroethane	75-34-3	ug/L	4/17/2017					<1	
1,1-Dichloroethane	75-34-3	ug/L	10/11/2017		<1	0.337J	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	3/15/2018		<1	0.405J	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	4/26/2018		<1	<1	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	10/16/2018		<1	<1	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	4/16/2019		<1	0.43J	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	10/1/2019		<1	0.508J	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	3/30/2020		<1	0.483J	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	10/7/2020		<1	<1	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	4/13/2021		<1	<1	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	10/20/2021		<1	<1	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	5/2/2022		<1	<1	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	5/1/2023		<1	0.3J	<1	<1	
1,1-Dichloroethane	75-34-3	ug/L	8/1/2023			<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/16/2023		<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	12/20/2023						<1
1,1-Dichloroethane	75-34-3	ug/L	3/20/2024						<1
1,1-Dichloroethane	75-34-3	ug/L	4/29/2024		<1	<1	<1	<1	<1
1,1-Dichloroethane	75-34-3	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	75-34-3	ug/L	2/25/2025						<1.00
1,1-Dichloroethane	75-34-3	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	75-34-3	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	75-34-3	ug/L	5/4/2026						<1.00
1,1-Dichloroethane	75-34-3	ug/L	5/4/2026		<1.00				
1,1-Dichloroethane	75-34-3	ug/L	5/4/2026			<1.00			
1,1-Dichloroethane	75-34-3	ug/L	5/4/2026				<1.00		
1,1-Dichloroethane	75-34-3	ug/L	5/4/2026					<1.00	
1,1-Dichloroethene	75-35-4	ug/L	4/14/2009	<2	<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	7/7/2009		<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	9/2/2009		<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	10/25/2009	<2	<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	3/3/2010	<2	<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	5/10/2010	<2	<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	7/8/2011		<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	8/11/2011		<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	10/13/2011		<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	4/11/2012		<2	<2	<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	8/1/2012		<2	<2			
1,1-Dichloroethene	75-35-4	ug/L	10/11/2012			<2			

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,1-Dichloroethene	75-35-4	ug/L	12/13/2012				<50		
1,1-Dichloroethene	75-35-4	ug/L	3/30/2013	<2			<2		
1,1-Dichloroethene	75-35-4	ug/L	10/5/2015			<20			
1,1-Dichloroethene	75-35-4	ug/L	4/4/2016			<2			
1,1-Dichloroethene	75-35-4	ug/L	10/17/2016		<2				
1,1-Dichloroethene	75-35-4	ug/L	4/17/2017					<2	
1,1-Dichloroethene	75-35-4	ug/L	10/11/2017		<2	<2	<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	3/15/2018		<2	<2	<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	4/26/2018		<2	<2	<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	10/16/2018		<2	<2	<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	4/16/2019		<2	<2	<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	10/1/2019		<2	<2	<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	3/30/2020		<2	<2	<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	10/7/2020		<2	<2	<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	4/13/2021		<1	<1	<1	<1	
1,1-Dichloroethene	75-35-4	ug/L	10/20/2021		<1	<1	<1	<1	
1,1-Dichloroethene	75-35-4	ug/L	5/2/2022		<1	<1	<1	<1	
1,1-Dichloroethene	75-35-4	ug/L	5/1/2023		<2	<2	<2	<2	
1,1-Dichloroethene	75-35-4	ug/L	8/1/2023			<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/16/2023		<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	12/20/2023						<2
1,1-Dichloroethene	75-35-4	ug/L	3/20/2024						<2
1,1-Dichloroethene	75-35-4	ug/L	4/29/2024		<2	<2	<2	<2	<2
1,1-Dichloroethene	75-35-4	ug/L	10/11/2024		<2.00	<2.00	<2.00	<2.00	<2.00
1,1-Dichloroethene	75-35-4	ug/L	2/25/2025						<2.00
1,1-Dichloroethene	75-35-4	ug/L	4/30/2025		<2.00	<2.00	<2.00	<2.00	<2.00
1,1-Dichloroethene	75-35-4	ug/L	10/22/2025		<2.00	<2.00	<2.00	<2.00	<2.00
1,1-Dichloroethene	75-35-4	ug/L	5/4/2026						<2.00
1,1-Dichloroethene	75-35-4	ug/L	5/4/2026		<2.00				
1,1-Dichloroethene	75-35-4	ug/L	5/4/2026			<2.00			
1,1-Dichloroethene	75-35-4	ug/L	5/4/2026				<2.00		
1,1-Dichloroethene	75-35-4	ug/L	5/4/2026					<2.00	
1,1-Dichloropropene	563-58-6	ug/L	5/10/2010	<1	<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	4/14/2009	<1	<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	7/7/2009		<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	9/2/2009		<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	10/25/2009	<2	<2	<2			
1,2,3-Trichloropropane	96-18-4	ug/L	3/3/2010	<2	<2	<2			
1,2,3-Trichloropropane	96-18-4	ug/L	5/10/2010	<1	<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	7/8/2011		<2	<2			
1,2,3-Trichloropropane	96-18-4	ug/L	8/11/2011		<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	10/13/2011		<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	4/11/2012		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	8/1/2012		<1	<1			
1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2012			<1			
1,2,3-Trichloropropane	96-18-4	ug/L	12/13/2012				<25		
1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2013	<1			<1		
1,2,3-Trichloropropane	96-18-4	ug/L	10/5/2015			<10			
1,2,3-Trichloropropane	96-18-4	ug/L	4/4/2016			<1			
1,2,3-Trichloropropane	96-18-4	ug/L	10/17/2016		<1				
1,2,3-Trichloropropane	96-18-4	ug/L	4/17/2017					<1	
1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2017		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	3/15/2018		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	4/26/2018		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2018		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	4/16/2019		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	10/1/2019		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	3/30/2020		<1	<1	<1	<1	

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,2,3-Trichloropropane	96-18-4	ug/L	10/7/2020		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	4/13/2021		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	10/20/2021		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	5/2/2022		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	5/1/2023		<1	<1	<1	<1	
1,2,3-Trichloropropane	96-18-4	ug/L	8/1/2023			<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/16/2023		<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	12/20/2023						<1
1,2,3-Trichloropropane	96-18-4	ug/L	3/20/2024						<1
1,2,3-Trichloropropane	96-18-4	ug/L	4/29/2024		<1	<1	<1	<1	<1
1,2,3-Trichloropropane	96-18-4	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	2/25/2025						<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	5/4/2026						<1.00
1,2,3-Trichloropropane	96-18-4	ug/L	5/4/2026		<1.00				
1,2,3-Trichloropropane	96-18-4	ug/L	5/4/2026			<1.00			
1,2,3-Trichloropropane	96-18-4	ug/L	5/4/2026				<1.00		
1,2,3-Trichloropropane	96-18-4	ug/L	5/4/2026					<1.00	
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	5/10/2010	<10	<10	<10			
1,2,4-Trichlorobenzene	120-82-1	ug/L	5/10/2010	<10	<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/14/2009	<10	<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/7/2009		<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	9/2/2009		<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/25/2009	<10	<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/3/2010	<10	<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/10/2010	<10	<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	7/8/2011		<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/11/2011		<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/13/2011		<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/11/2012		<10	<10	<10	<10	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/1/2012		<10	<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2012			<10			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/13/2012				<250		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2013	<10			<10		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/5/2015			<5			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/4/2016			<0.5			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/17/2016		<0.5				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/17/2017					<0.5	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2017		<0.5	<0.5	<0.5	<0.5	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/15/2018		<0.5	<0.5	<0.5	<0.5	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/26/2018		<0.5	<0.5	<0.5	<0.5	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/16/2018		<1.2	<1.2	<1.2	<1.2	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/16/2019		<1.2	<1.2	<1.2	<1.2	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/1/2019		<1.2	<1.2	<1.2	<1.2	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/30/2020		<1.2	<1.2	<1.2	<1.2	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/7/2020		<1.2	<1.2	<1.2	<1.2	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/13/2021		<0.02	<0.02	<0.02	<0.02	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/20/2021		<0.02	<0.02	<0.02	<0.02	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/2/2022		<0.02	<0.02	<0.02	<0.02	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/1/2023		<1.2	<1.2	<1.2	<1.2	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	8/1/2023			<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/16/2023		<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	12/20/2023						<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	3/20/2024						<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/29/2024		<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/11/2024		<1.20	<1.20	<1.20	<1.20	<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	2/25/2025						<1.20

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	4/30/2025		<1.20	<1.20	<1.20	<1.20	<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	10/22/2025		<1.20	<1.20	<1.20	<1.20	<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/4/2026						<1.20
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/4/2026		<1.20				
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/4/2026			<1.20			
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/4/2026				<1.20		
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	5/4/2026					<1.20	
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/11/2024		<0.340	<0.340	<0.340	<0.340	<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	2/25/2025						<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	4/30/2025		<0.340	<0.340	<0.340	<0.340	<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	10/22/2025		<0.340	<0.340	<0.340	<0.340	<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/4/2026						<0.340
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/4/2026		<0.340				
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/4/2026			<0.340			
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/4/2026				<0.340		
1,2-Dibromoethane (EDB)	106-93-4	ug/L	5/4/2026					<0.340	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/14/2009	<10	<10	<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/7/2009		<10	<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	9/2/2009		<10	<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/25/2009	<10	<10	<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/3/2010	<10	<10	<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/10/2010	<10	<10	<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	7/8/2011		<10	<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/11/2011		<10	<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/13/2011		<10	<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/11/2012		<10	<10	<10	<10	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/1/2012		<10	<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/11/2012			<10			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/13/2012				<250		
1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2013	<10			<10		
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/5/2015			<1.3			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/4/2016			<0.13			
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/17/2016		<0.13				
1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/17/2017					<0.13	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/11/2017		<0.13	<0.13	<0.13	<0.13	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/15/2018		<0.13	<0.13	<0.13	<0.13	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/26/2018		<0.13	<0.13	<0.13	<0.13	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/16/2018		<0.34	<0.34	<0.34	<0.34	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/16/2019		<0.34	<0.34	<0.34	<0.34	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/1/2019		<0.34	<0.34	<0.34	<0.34	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/30/2020		<0.34	<0.34	<0.34	<0.34	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/7/2020		<0.34	<0.34	<0.34	<0.34	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/13/2021		<0.02	<0.02	<0.02	<0.02	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/20/2021		<0.02	<0.02	<0.02	<0.02	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/2/2022		<0.02	<0.02	<0.02	<0.02	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	5/1/2023		<0.34	<0.34	<0.34	<0.34	
1,2-Dibromoethane [EDB]	106-93-4	ug/L	8/1/2023			<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane [EDB]	106-93-4	ug/L	10/16/2023		<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dibromoethane [EDB]	106-93-4	ug/L	12/20/2023						<0.34
1,2-Dibromoethane [EDB]	106-93-4	ug/L	3/20/2024						<0.34
1,2-Dibromoethane [EDB]	106-93-4	ug/L	4/29/2024		<0.34	<0.34	<0.34	<0.34	<0.34
1,2-Dichlorobenzene	95-50-1	ug/L	4/14/2009	<1	<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	7/7/2009		<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	9/2/2009		<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	10/25/2009	<2	<2	<2			
1,2-Dichlorobenzene	95-50-1	ug/L	3/3/2010	<1	<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	5/10/2010	<1	<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	7/8/2011		<1	<1			

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,2-Dichlorobenzene	95-50-1	ug/L	8/11/2011		<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	10/13/2011		<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	4/11/2012		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	8/1/2012		<1	<1			
1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2012			<1			
1,2-Dichlorobenzene	95-50-1	ug/L	12/13/2012				<25		
1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2013	<1			<1		
1,2-Dichlorobenzene	95-50-1	ug/L	10/5/2015			<10			
1,2-Dichlorobenzene	95-50-1	ug/L	4/4/2016			<1			
1,2-Dichlorobenzene	95-50-1	ug/L	10/17/2016		<1				
1,2-Dichlorobenzene	95-50-1	ug/L	4/17/2017					<1	
1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2017		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	3/15/2018		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	4/26/2018		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2018		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	4/16/2019		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	10/1/2019		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	3/30/2020		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	10/7/2020		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	4/13/2021		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	10/20/2021		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	5/2/2022		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	5/1/2023		<1	<1	<1	<1	
1,2-Dichlorobenzene	95-50-1	ug/L	8/1/2023			<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/16/2023		<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	12/20/2023						<1
1,2-Dichlorobenzene	95-50-1	ug/L	3/20/2024						<1
1,2-Dichlorobenzene	95-50-1	ug/L	4/29/2024		<1	<1	<1	<1	<1
1,2-Dichlorobenzene	95-50-1	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	2/25/2025						<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	5/4/2026						<1.00
1,2-Dichlorobenzene	95-50-1	ug/L	5/4/2026		<1.00				
1,2-Dichlorobenzene	95-50-1	ug/L	5/4/2026			<1.00			
1,2-Dichlorobenzene	95-50-1	ug/L	5/4/2026				<1.00		
1,2-Dichlorobenzene	95-50-1	ug/L	5/4/2026					<1.00	
1,2-Dichloroethane	107-06-2	ug/L	4/14/2009	<1	<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	7/7/2009		<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	9/2/2009		<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	10/25/2009	<2	<2	<2			
1,2-Dichloroethane	107-06-2	ug/L	3/3/2010	<1	<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	5/10/2010	<1	<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	7/8/2011		<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	8/11/2011		<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	10/13/2011		<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	4/11/2012		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	8/1/2012		<1	<1			
1,2-Dichloroethane	107-06-2	ug/L	10/11/2012			<1			
1,2-Dichloroethane	107-06-2	ug/L	12/13/2012				<25		
1,2-Dichloroethane	107-06-2	ug/L	3/30/2013	<1			<1		
1,2-Dichloroethane	107-06-2	ug/L	10/5/2015			<10			
1,2-Dichloroethane	107-06-2	ug/L	4/4/2016			<1			
1,2-Dichloroethane	107-06-2	ug/L	10/17/2016		<1				
1,2-Dichloroethane	107-06-2	ug/L	4/17/2017					<1	
1,2-Dichloroethane	107-06-2	ug/L	10/11/2017		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	3/15/2018		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	4/26/2018		<1	<1	<1	<1	

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,2-Dichloroethane	107-06-2	ug/L	10/16/2018		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	4/16/2019		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	10/1/2019		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	3/30/2020		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	10/7/2020		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	4/13/2021		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	10/20/2021		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	5/2/2022		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	5/1/2023		<1	<1	<1	<1	
1,2-Dichloroethane	107-06-2	ug/L	8/1/2023			<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/16/2023		<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	12/20/2023						<1
1,2-Dichloroethane	107-06-2	ug/L	3/20/2024						<1
1,2-Dichloroethane	107-06-2	ug/L	4/29/2024		<1	<1	<1	<1	<1
1,2-Dichloroethane	107-06-2	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	107-06-2	ug/L	2/25/2025						<1.00
1,2-Dichloroethane	107-06-2	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	107-06-2	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	107-06-2	ug/L	5/4/2026						<1.00
1,2-Dichloroethane	107-06-2	ug/L	5/4/2026		<1.00				
1,2-Dichloroethane	107-06-2	ug/L	5/4/2026			<1.00			
1,2-Dichloroethane	107-06-2	ug/L	5/4/2026				<1.00		
1,2-Dichloroethane	107-06-2	ug/L	5/4/2026					<1.00	
1,2-Dichloropropane	78-87-5	ug/L	4/14/2009	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	7/7/2009		<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	9/2/2009		<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	10/25/2009	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	3/3/2010	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	5/10/2010	<1	<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	7/8/2011		<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	8/11/2011		<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	10/13/2011		<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	4/11/2012		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	8/1/2012		<1	<1			
1,2-Dichloropropane	78-87-5	ug/L	10/11/2012			<1			
1,2-Dichloropropane	78-87-5	ug/L	12/13/2012				<25		
1,2-Dichloropropane	78-87-5	ug/L	3/30/2013	<1			<1		
1,2-Dichloropropane	78-87-5	ug/L	10/5/2015			<10			
1,2-Dichloropropane	78-87-5	ug/L	4/4/2016			<1			
1,2-Dichloropropane	78-87-5	ug/L	10/17/2016		<1				
1,2-Dichloropropane	78-87-5	ug/L	4/17/2017					<1	
1,2-Dichloropropane	78-87-5	ug/L	10/11/2017		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	3/15/2018		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	4/26/2018		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	10/16/2018		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	4/16/2019		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	10/1/2019		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	3/30/2020		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	10/7/2020		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	4/13/2021		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	10/20/2021		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	5/2/2022		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	5/1/2023		<1	<1	<1	<1	
1,2-Dichloropropane	78-87-5	ug/L	8/1/2023			<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	10/16/2023		<1	<1	<1	<1	<1
1,2-Dichloropropane	78-87-5	ug/L	12/20/2023						<1
1,2-Dichloropropane	78-87-5	ug/L	3/20/2024						<1
1,2-Dichloropropane	78-87-5	ug/L	4/29/2024		<1	<1	<1	<1	<1

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,2-Dichloropropane	78-87-5	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	78-87-5	ug/L	2/25/2025						<1.00
1,2-Dichloropropane	78-87-5	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	78-87-5	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloropropane	78-87-5	ug/L	5/4/2026						<1.00
1,2-Dichloropropane	78-87-5	ug/L	5/4/2026		<1.00				
1,2-Dichloropropane	78-87-5	ug/L	5/4/2026			<1.00			
1,2-Dichloropropane	78-87-5	ug/L	5/4/2026				<1.00		
1,2-Dichloropropane	78-87-5	ug/L	5/4/2026					<1.00	
1,3,5-Trinitrobenzene	99-35-4	ug/L	5/10/2010	<10	<10	<10			
1,3-Dichlorobenzene	541-73-1	ug/L	5/10/2010	<1	<1	<1			
1,3-Dichloropropane	142-28-9	ug/L	5/10/2010	<1	<1	<1			
1,3-Dinitrobenzene	99-65-0	ug/L	5/10/2010	<10	<10	<10			
1,4-Dichlorobenzene	106-46-7	ug/L	4/14/2009	<1	<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	7/7/2009		<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	9/2/2009		<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	10/25/2009	<2	<2	<2			
1,4-Dichlorobenzene	106-46-7	ug/L	3/3/2010	<1	<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	5/10/2010	<1	<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	7/8/2011		<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	8/11/2011		<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	10/13/2011		<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	4/11/2012		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	8/1/2012		<1	<1			
1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2012			<1			
1,4-Dichlorobenzene	106-46-7	ug/L	12/13/2012				<25		
1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2013	<1			<1		
1,4-Dichlorobenzene	106-46-7	ug/L	10/5/2015			<10			
1,4-Dichlorobenzene	106-46-7	ug/L	4/4/2016			<1			
1,4-Dichlorobenzene	106-46-7	ug/L	10/17/2016		<1				
1,4-Dichlorobenzene	106-46-7	ug/L	4/17/2017					<1	
1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2017		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	3/15/2018		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	4/26/2018		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2018		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	4/16/2019		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	10/1/2019		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	3/30/2020		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	10/7/2020		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	4/13/2021		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	10/20/2021		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	5/2/2022		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	5/1/2023		<1	<1	<1	<1	
1,4-Dichlorobenzene	106-46-7	ug/L	8/1/2023			<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/16/2023		<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	12/20/2023						<1
1,4-Dichlorobenzene	106-46-7	ug/L	3/20/2024						<1
1,4-Dichlorobenzene	106-46-7	ug/L	4/29/2024		<1	<1	<1	<1	<1
1,4-Dichlorobenzene	106-46-7	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	2/25/2025						<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	5/4/2026						<1.00
1,4-Dichlorobenzene	106-46-7	ug/L	5/4/2026		<1.00				
1,4-Dichlorobenzene	106-46-7	ug/L	5/4/2026			<1.00			
1,4-Dichlorobenzene	106-46-7	ug/L	5/4/2026				<1.00		
1,4-Dichlorobenzene	106-46-7	ug/L	5/4/2026					<1.00	
1,4-Naphthoquinone	130-15-4	ug/L	5/10/2010	<10	<10	<10			

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
1,4-Phenylenediamine	106-50-3	ug/L	5/10/2010	<10	<10	<10			
1-Naphthylamine	134-32-7	ug/L	5/10/2010	<10	<10	<10			
2,2-Dichloropropane	594-20-7	ug/L	5/10/2010	<4	<4	<4			
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	5/10/2010	<10	<10	<10			
2,4,5-T [2C]	93-76-5	ug/L	5/10/2010	<0.51	<0.5	<0.5			
2,4,5-TP [Silvex]	93-72-1	ug/L	5/10/2010	<0.51	<0.5	<0.5			
2,4,5-Trichlorophenol	95-95-4	ug/L	5/10/2010	<10	<10	<10			
2,4,6-Trichlorophenol	88-06-2	ug/L	5/10/2010	<10	<10	<10			
2,4-D [2C]	94-75-7	ug/L	5/10/2010	<1	<1	<1			
2,4-Dichlorophenol	120-83-2	ug/L	5/10/2010	<10	<10	<10			
2,4-Dimethylphenol	105-67-9	ug/L	5/10/2010	<10	<10	<10			
2,4-Dinitrophenol	51-28-5	ug/L	5/10/2010	<20	<20	<20			
2,4-Dinitrotoluene	121-14-2	ug/L	5/10/2010	<10	<10	<10			
2,6-Dichlorophenol	87-65-0	ug/L	5/10/2010	<10	<10	<10			
2,6-Dinitrotoluene	606-20-2	ug/L	5/10/2010	<10	<10	<10			
2-Acetylaminofluorene	53-96-3	ug/L	5/10/2010	<10	<10	<10			
2-Butanone	78-93-3	ug/L	4/14/2009	<10	<10	<10			
2-Butanone	78-93-3	ug/L	7/7/2009		<10	<10			
2-Butanone	78-93-3	ug/L	9/2/2009		<10	<10			
2-Butanone	78-93-3	ug/L	10/25/2009	<10	<10	<10			
2-Butanone	78-93-3	ug/L	3/3/2010	<10	<10	<10			
2-Butanone	78-93-3	ug/L	5/10/2010	<10	<10	<10			
2-Butanone	78-93-3	ug/L	7/8/2011		<10	<10			
2-Butanone	78-93-3	ug/L	8/11/2011		<10	<10			
2-Butanone	78-93-3	ug/L	10/13/2011		<10	<10			
2-Butanone	78-93-3	ug/L	4/11/2012		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	8/1/2012		<10	10.4			
2-Butanone	78-93-3	ug/L	10/11/2012			<10			
2-Butanone	78-93-3	ug/L	12/13/2012				<250		
2-Butanone	78-93-3	ug/L	3/30/2013	<10			<10		
2-Butanone	78-93-3	ug/L	10/5/2015			<100			
2-Butanone	78-93-3	ug/L	4/4/2016			<10			
2-Butanone	78-93-3	ug/L	10/17/2016		<10				
2-Butanone	78-93-3	ug/L	4/17/2017					<10	
2-Butanone	78-93-3	ug/L	10/11/2017		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	3/15/2018		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	4/26/2018		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	10/16/2018		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	4/16/2019		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	10/1/2019		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	3/30/2020		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	10/7/2020		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	4/13/2021		<5	<5	<5	<5	
2-Butanone	78-93-3	ug/L	10/20/2021		<5	<5	<5	<5	
2-Butanone	78-93-3	ug/L	5/2/2022		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	5/1/2023		<10	<10	<10	<10	
2-Butanone	78-93-3	ug/L	8/1/2023			<10	<10	<10	<10
2-Butanone	78-93-3	ug/L	10/16/2023		<10	<10	<10	<10	<10
2-Butanone	78-93-3	ug/L	12/20/2023						<10
2-Butanone	78-93-3	ug/L	3/20/2024						<10
2-Butanone	78-93-3	ug/L	4/29/2024		32.7	<10	<10	<10	8.99J
2-Butanone (MEK)	78-93-3	ug/L	10/11/2024		<10.0	<10.0	<10.0	<10.0	<10.0
2-Butanone (MEK)	78-93-3	ug/L	2/25/2025						<10.0
2-Butanone (MEK)	78-93-3	ug/L	4/30/2025		<10.0	<10.0	<10.0	<10.0	<10.0
2-Butanone (MEK)	78-93-3	ug/L	10/22/2025		<10.0	<10.0	<10.0	<10.0	<10.0
2-Butanone (MEK)	78-93-3	ug/L	5/4/2026						<10.0
2-Butanone (MEK)	78-93-3	ug/L	5/4/2026		<10.0				
2-Butanone (MEK)	78-93-3	ug/L	5/4/2026			<10.0			

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
2-Butanone (MEK)	78-93-3	ug/L	5/4/2026				<10.0		
2-Butanone (MEK)	78-93-3	ug/L	5/4/2026					<10.0	
2-Chloronaphthalene	91-58-7	ug/L	5/10/2010	<10	<10	<10			
2-Chlorophenol	95-57-8	ug/L	5/10/2010	<10	<10	<10			
2-Hexanone	591-78-6	ug/L	4/14/2009	<10	<10	<10			
2-Hexanone	591-78-6	ug/L	7/7/2009		<10	<10			
2-Hexanone	591-78-6	ug/L	9/2/2009		<10	<10			
2-Hexanone	591-78-6	ug/L	10/25/2009	<10	<10	<10			
2-Hexanone	591-78-6	ug/L	3/3/2010	<10	<10	<10			
2-Hexanone	591-78-6	ug/L	5/10/2010	<20	<20	<20			
2-Hexanone	591-78-6	ug/L	7/8/2011		<10	<10			
2-Hexanone	591-78-6	ug/L	8/11/2011		<10	<10			
2-Hexanone	591-78-6	ug/L	10/13/2011		<10	<10			
2-Hexanone	591-78-6	ug/L	4/11/2012		<10	<10	<10	<10	
2-Hexanone	591-78-6	ug/L	8/1/2012		<10	<10			
2-Hexanone	591-78-6	ug/L	10/11/2012			<10			
2-Hexanone	591-78-6	ug/L	12/13/2012				<250		
2-Hexanone	591-78-6	ug/L	3/30/2013	<10			<10		
2-Hexanone	591-78-6	ug/L	10/5/2015			<100			
2-Hexanone	591-78-6	ug/L	4/4/2016			<10			
2-Hexanone	591-78-6	ug/L	10/17/2016		<10				
2-Hexanone	591-78-6	ug/L	4/17/2017					<10	
2-Hexanone	591-78-6	ug/L	10/11/2017		<10	<10	<10	<10	
2-Hexanone	591-78-6	ug/L	3/15/2018		<10	<10	<10	<10	
2-Hexanone	591-78-6	ug/L	4/26/2018		<10	<10	<10	<10	
2-Hexanone	591-78-6	ug/L	10/16/2018		<10	<10	<10	<10	
2-Hexanone	591-78-6	ug/L	4/16/2019		<10	<10	<10	<10	
2-Hexanone	591-78-6	ug/L	10/1/2019		<10	<10	<10	<10	
2-Hexanone	591-78-6	ug/L	3/30/2020		<10	<10	<10	<10	
2-Hexanone	591-78-6	ug/L	10/7/2020		<10	<10	<10	<10	
2-Hexanone	591-78-6	ug/L	4/13/2021		<5	<5	<5	<5	
2-Hexanone	591-78-6	ug/L	10/20/2021		<5	<5	<5	<5	
2-Hexanone	591-78-6	ug/L	5/2/2022		<5	<5	<5	<5	
2-Hexanone	591-78-6	ug/L	5/1/2023		<10	<10	<10	<10	
2-Hexanone	591-78-6	ug/L	8/1/2023			<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/16/2023		<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	12/20/2023						<10
2-Hexanone	591-78-6	ug/L	3/20/2024						<10
2-Hexanone	591-78-6	ug/L	4/29/2024		<10	<10	<10	<10	<10
2-Hexanone	591-78-6	ug/L	10/11/2024		<10.0	<10.0	<10.0	<10.0	<10.0
2-Hexanone	591-78-6	ug/L	2/25/2025						<10.0
2-Hexanone	591-78-6	ug/L	4/30/2025		<10.0	<10.0	<10.0	<10.0	<10.0
2-Hexanone	591-78-6	ug/L	10/22/2025		<10.0	<10.0	<10.0	<10.0	<10.0
2-Hexanone	591-78-6	ug/L	5/4/2026						<10.0
2-Hexanone	591-78-6	ug/L	5/4/2026		<10.0				
2-Hexanone	591-78-6	ug/L	5/4/2026			<10.0			
2-Hexanone	591-78-6	ug/L	5/4/2026				<10.0		
2-Hexanone	591-78-6	ug/L	5/4/2026					<10.0	
2-Methylnaphthalene	91-57-6	ug/L	5/10/2010	<10	<10	<10			
2-Methylphenol	95-48-7	ug/L	5/10/2010	<10	<10	<10			
2-Naphthylamine	91-59-8	ug/L	5/10/2010	<10	<10	<10			
2-Nitroaniline	88-74-4	ug/L	5/10/2010	<10	<10	<10			
2-Nitrophenol	88-75-5	ug/L	5/10/2010	<10	<10	<10			
3,3-Dichlorobenzidine	91-94-1	ug/L	5/10/2010	<10	<10	<10			
3,3-Dimethylbenzidine	119-93-7	ug/L	5/10/2010	<10	<10	<10			
3-Methylcholanthrene	56-49-5	ug/L	5/10/2010	<10	<10	<10			
3-Nitroaniline	99-09-2	ug/L	5/10/2010	<10	<10	<10			
4,4`-DDD	72-54-8	ug/L	5/10/2010	<0.032	<0.032	<0.032			

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
4,4`-DDE	72-55-9	ug/L	5/10/2010	<0.032	<0.032	<0.032			
4,4`-DDT	50-29-3	ug/L	5/10/2010	<0.032	<0.032	<0.032			
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	5/10/2010	<10	<10	<10			
4-Aminobiphenyl	92-67-1	ug/L	5/10/2010	<10	<10	<10			
4-Bromophenyl phenyl ether	101-55-3	ug/L	5/10/2010	<10	<10	<10			
4-Chloro-3-methylphenol	59-50-7	ug/L	5/10/2010	<10	<10	<10			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	5/10/2010	<10	<10	<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	4/14/2009	<10	<10	<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	7/7/2009		<10	<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	9/2/2009		<10	<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	10/25/2009	<10	<10	<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	3/3/2010	<10	<10	<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	5/10/2010	<10	<10	<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	7/8/2011		<10	<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	8/11/2011		<10	<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	10/13/2011		<10	<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	4/11/2012		<10	<10	<10	<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	8/1/2012		<10	71.5			
4-Methyl-2-Pentanone	108-10-1	ug/L	10/11/2012			<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	12/13/2012				<250		
4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2013	<10			22.7		
4-Methyl-2-Pentanone	108-10-1	ug/L	10/5/2015			<100			
4-Methyl-2-Pentanone	108-10-1	ug/L	4/4/2016			<10			
4-Methyl-2-Pentanone	108-10-1	ug/L	10/17/2016		<10				
4-Methyl-2-Pentanone	108-10-1	ug/L	4/17/2017					<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	10/11/2017		<10	1.09J	<10	<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	3/15/2018		<10	<10	<10	<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	4/26/2018		<10	<10	<10	<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	10/16/2018		<10	<10	<10	<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	4/16/2019		<10	<10	<10	<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	10/1/2019		<10	<10	<10	<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	3/30/2020		<10	<10	<10	<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	10/7/2020		<10	<10	<10	<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	4/13/2021		<5	<5	<5	<5	
4-Methyl-2-Pentanone	108-10-1	ug/L	10/20/2021		<5	<5	<5	<5	
4-Methyl-2-Pentanone	108-10-1	ug/L	5/2/2022		1.5J	<5	1.4J	1.1J	
4-Methyl-2-Pentanone	108-10-1	ug/L	5/1/2023		<10	<10	<10	<10	
4-Methyl-2-Pentanone	108-10-1	ug/L	8/1/2023			<10	<10	<10	<10
4-Methyl-2-Pentanone	108-10-1	ug/L	10/16/2023		<10	<10	<10	<10	<10
4-Methyl-2-Pentanone	108-10-1	ug/L	12/20/2023						<10
4-Methyl-2-Pentanone	108-10-1	ug/L	3/20/2024						<10
4-Methyl-2-Pentanone	108-10-1	ug/L	4/29/2024		3.9J	<10	<10	<10	<10
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/11/2024		<10.0	<10.0	<10.0	<10.0	<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	2/25/2025						<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	4/30/2025		<10.0	<10.0	<10.0	<10.0	<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	10/22/2025		<10.0	<10.0	<10.0	<10.0	<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/4/2026						<10.0
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/4/2026		<10.0				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/4/2026			<10.0			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/4/2026				<10.0		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	5/4/2026					<10.0	
4-Nitroaniline	100-01-6	ug/L	5/10/2010	<10	<10	<10			
4-Nitrophenol	100-02-7	ug/L	5/10/2010	<10	<10	<10			
5-Nitro-o-toluidine	99-55-8	ug/L	5/10/2010	<10	<10	<10			
7,12-Dimethylbenz[a]anthracene	57-97-6	ug/L	5/10/2010	<10	<10	<10			
Acenaphthene	83-32-9	ug/L	5/10/2010	<10	<10	<10			
Acenaphthylene	208-96-8	ug/L	5/10/2010	<10	<10	<10			
Acetone	67-64-1	ug/L	4/14/2009	<10	<10	<10			

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Acetone	67-64-1	ug/L	7/7/2009		<10	<10			
Acetone	67-64-1	ug/L	9/2/2009		<10	<10			
Acetone	67-64-1	ug/L	10/25/2009	<10	<10	<10			
Acetone	67-64-1	ug/L	3/3/2010	<10	86.2	23.7			
Acetone	67-64-1	ug/L	5/10/2010	<10	<10	<10			
Acetone	67-64-1	ug/L	7/8/2011		<10	<10			
Acetone	67-64-1	ug/L	8/11/2011		<10	<10			
Acetone	67-64-1	ug/L	10/13/2011		<10	<10			
Acetone	67-64-1	ug/L	4/11/2012		<10	<10	<10	<10	
Acetone	67-64-1	ug/L	8/1/2012		<10	45			
Acetone	67-64-1	ug/L	10/11/2012			<10			
Acetone	67-64-1	ug/L	12/13/2012				<250		
Acetone	67-64-1	ug/L	3/30/2013	<10			<10		
Acetone	67-64-1	ug/L	10/5/2015			<100			
Acetone	67-64-1	ug/L	4/4/2016			<10			
Acetone	67-64-1	ug/L	10/17/2016		<10				
Acetone	67-64-1	ug/L	4/17/2017					1.97J	
Acetone	67-64-1	ug/L	10/11/2017		2.15J	<10	2.02J	<10	
Acetone	67-64-1	ug/L	3/15/2018		2.12J	6.11J	4.62J	4.9J	
Acetone	67-64-1	ug/L	4/26/2018		2.4J	10.3	2.94J	<10	
Acetone	67-64-1	ug/L	10/16/2018		3.63J	3.6J	<10	<10	
Acetone	67-64-1	ug/L	4/16/2019		3.21J	<10	<10	<10	
Acetone	67-64-1	ug/L	10/1/2019		<10	<10	<10	<10	
Acetone	67-64-1	ug/L	3/30/2020		<10	<10	<10	<10	
Acetone	67-64-1	ug/L	10/7/2020		<10	<10	<10	<10	
Acetone	67-64-1	ug/L	4/13/2021		<10	<10	<10	<10	
Acetone	67-64-1	ug/L	10/20/2021		<10	<10	<10	<10	
Acetone	67-64-1	ug/L	5/2/2022		<10	<10	<10	<10	
Acetone	67-64-1	ug/L	5/1/2023		<10	<10	9.3J	<10	
Acetone	67-64-1	ug/L	8/1/2023			<10	3.28J	<10	<10
Acetone	67-64-1	ug/L	10/16/2023		<10	<10	<10	<10	<10
Acetone	67-64-1	ug/L	12/20/2023						<10
Acetone	67-64-1	ug/L	3/20/2024						<10
Acetone	67-64-1	ug/L	4/29/2024		43.7	<10	3.51J	<10	13.6
Acetone	67-64-1	ug/L	6/17/2024						<10
Acetone	67-64-1	ug/L	10/11/2024		<10.0	<10.0	<10.0	<10.0	<10.0
Acetone	67-64-1	ug/L	2/25/2025						<10.0
Acetone	67-64-1	ug/L	4/30/2025		<10.0	<10.0	<10.0	<10.0	<10.0
Acetone	67-64-1	ug/L	10/22/2025		<10.0	<10.0	<10.0	<10.0	<10.0
Acetone	67-64-1	ug/L	5/4/2026						<10.0
Acetone	67-64-1	ug/L	5/4/2026		<10.0				
Acetone	67-64-1	ug/L	5/4/2026			<10.0			
Acetone	67-64-1	ug/L	5/4/2026				<10.0		
Acetone	67-64-1	ug/L	5/4/2026					<10.0	
Acetonitrile	75-05-8	mg/L	5/10/2010	<10	<10	<10			
Acetophenone	98-86-2	ug/L	5/10/2010	<10	<10	<10			
Acrolein	107-02-8	ug/L	5/10/2010	<10	<10	<10			
Acrylonitrile	107-13-1	ug/L	4/14/2009	<10	<10	<10			
Acrylonitrile	107-13-1	ug/L	7/7/2009		<10	<10			
Acrylonitrile	107-13-1	ug/L	9/2/2009		<10	<10			
Acrylonitrile	107-13-1	ug/L	10/25/2009	<10	<10	<10			
Acrylonitrile	107-13-1	ug/L	3/3/2010	<10	<10	<10			
Acrylonitrile	107-13-1	ug/L	5/10/2010	<10	<10	<10			
Acrylonitrile	107-13-1	ug/L	7/8/2011		<10	<10			
Acrylonitrile	107-13-1	ug/L	8/11/2011		<10	<10			
Acrylonitrile	107-13-1	ug/L	10/13/2011		<10	<10			
Acrylonitrile	107-13-1	ug/L	4/11/2012		<10	<10	<10	<10	
Acrylonitrile	107-13-1	ug/L	8/1/2012		<10	<10			

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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Acrylonitrile	107-13-1	ug/L	10/11/2012			<10			
Acrylonitrile	107-13-1	ug/L	12/13/2012				<250		
Acrylonitrile	107-13-1	ug/L	3/30/2013	<10			<10		
Acrylonitrile	107-13-1	ug/L	10/5/2015			<100			
Acrylonitrile	107-13-1	ug/L	4/4/2016			<10			
Acrylonitrile	107-13-1	ug/L	10/17/2016		<10				
Acrylonitrile	107-13-1	ug/L	4/17/2017					<5	
Acrylonitrile	107-13-1	ug/L	10/11/2017		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	3/15/2018		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	4/26/2018		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	10/16/2018		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	4/16/2019		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	10/1/2019		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	3/30/2020		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	10/7/2020		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	4/13/2021		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	10/20/2021		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	5/2/2022		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	5/1/2023		<5	<5	<5	<5	
Acrylonitrile	107-13-1	ug/L	8/1/2023			<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/16/2023		<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	12/20/2023						<5
Acrylonitrile	107-13-1	ug/L	3/20/2024						<5
Acrylonitrile	107-13-1	ug/L	4/29/2024		<5	<5	<5	<5	<5
Acrylonitrile	107-13-1	ug/L	10/11/2024		<5.00	<5.00	<5.00	<5.00	<5.00
Acrylonitrile	107-13-1	ug/L	2/25/2025						<5.00
Acrylonitrile	107-13-1	ug/L	4/30/2025		<5.00	<5.00	<5.00	<5.00	<5.00
Acrylonitrile	107-13-1	ug/L	10/22/2025		<5.00	<5.00	<5.00	<5.00	<5.00
Acrylonitrile	107-13-1	ug/L	5/4/2026						<5.00
Acrylonitrile	107-13-1	ug/L	5/4/2026		<5.00				
Acrylonitrile	107-13-1	ug/L	5/4/2026			<5.00			
Acrylonitrile	107-13-1	ug/L	5/4/2026				<5.00		
Acrylonitrile	107-13-1	ug/L	5/4/2026					<5.00	
Aldrin	309-00-2	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Allyl Chloride	107-05-1	ug/L	5/10/2010	<2	<2	<2			
Alpha-BHC	319-84-6	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Alpha-Chlordane	5103-71-9	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Anthracene	120-12-7	ug/L	5/10/2010	<10	<10	<10			
Antimony	7440-36-0	mg/L	4/14/2009	<0.006	<0.006	<0.006			
Antimony	7440-36-0	mg/L	7/7/2009		<0.006	<0.006			
Antimony	7440-36-0	mg/L	9/2/2009		<0.006	<0.006			
Antimony	7440-36-0	mg/L	10/25/2009	<0.006	<0.006	<0.006			
Antimony	7440-36-0	mg/L	3/3/2010	<0.006	<0.006	<0.006			
Antimony	7440-36-0	mg/L	5/10/2010	<0.002	<0.002	<0.002			
Antimony	7440-36-0	mg/L	7/8/2011		<0.006	<0.006			
Antimony	7440-36-0	mg/L	8/11/2011		<0.006	<0.006			
Antimony	7440-36-0	mg/L	10/13/2011		<0.006	<0.006			
Antimony	7440-36-0	mg/L	4/11/2012		<0.006	<0.006	<0.006	<0.006	
Antimony	7440-36-0	mg/L	8/1/2012		<0.006	<0.012			
Antimony	7440-36-0	mg/L	10/11/2012			<0.018			
Antimony	7440-36-0	mg/L	12/13/2012				<0.006		
Antimony	7440-36-0	mg/L	3/30/2013	<0.006			<0.006		
Antimony	7440-36-0	mg/L	10/5/2015			<0.001			
Antimony	7440-36-0	mg/L	4/4/2016			<0.001			
Antimony	7440-36-0	mg/L	10/17/2016		<0.001				
Antimony	7440-36-0	mg/L	4/17/2017					<0.001	
Antimony	7440-36-0	mg/L	10/11/2017		<0.001	0.000403J	0.000233J	0.000267J	
Antimony	7440-36-0	mg/L	3/15/2018		0.000239J	<0.001	<0.001	<0.001	

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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Antimony	7440-36-0	mg/L	4/26/2018		<0.001	<0.001	<0.001	<0.001	
Antimony	7440-36-0	mg/L	10/16/2018		<0.003	<0.003	<0.003	<0.003	
Antimony	7440-36-0	mg/L	4/16/2019		<0.001	<0.001	<0.001	<0.001	
Antimony	7440-36-0	mg/L	10/1/2019		<0.001	<0.001	<0.001	<0.001	
Antimony	7440-36-0	mg/L	3/30/2020		<0.001	<0.001	<0.001	<0.001	
Antimony	7440-36-0	mg/L	10/7/2020		<0.001	<0.001	<0.02	<0.001	
Antimony	7440-36-0	mg/L	4/13/2021		<0.002	<0.002	<0.002	<0.002	
Antimony	7440-36-0	mg/L	10/20/2021		<0.002	<0.002	<0.002	<0.002	
Antimony	7440-36-0	mg/L	5/2/2022		<0.002	<0.002	<0.002	<0.002	
Antimony	7440-36-0	mg/L	5/1/2023		<0.002	<0.002	<0.002	<0.002	
Antimony	7440-36-0	mg/L	10/16/2023		<0.002	<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	12/20/2023						<0.002
Antimony	7440-36-0	mg/L	3/20/2024						<0.002
Antimony	7440-36-0	mg/L	4/29/2024		<0.002	<0.002	<0.002	<0.002	<0.002
Antimony	7440-36-0	mg/L	10/11/2024		<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Antimony	7440-36-0	mg/L	2/25/2025						<0.00200
Antimony	7440-36-0	mg/L	4/30/2025		<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Antimony	7440-36-0	mg/L	10/22/2025		<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
Antimony	7440-36-0	mg/L	5/4/2026						<0.00100
Antimony	7440-36-0	mg/L	5/4/2026		<0.00100				
Antimony	7440-36-0	mg/L	5/4/2026			<0.00100			
Antimony	7440-36-0	mg/L	5/4/2026				<0.00100		
Antimony	7440-36-0	mg/L	5/4/2026					<0.00100	
Arsenic	7440-38-2	mg/L	4/14/2009	<0.001	0.0076	0.0016			
Arsenic	7440-38-2	mg/L	7/7/2009		0.0058	<0.001			
Arsenic	7440-38-2	mg/L	9/2/2009			0.0019			
Arsenic	7440-38-2	mg/L	10/25/2009	<0.001	0.0062	0.0017			
Arsenic	7440-38-2	mg/L	3/3/2010	<0.001	0.002	0.0014			
Arsenic	7440-38-2	mg/L	5/10/2010	0.0026	0.007	0.0044			
Arsenic	7440-38-2	mg/L	7/8/2010	0.0015		0.0025			
Arsenic	7440-38-2	mg/L	7/8/2011			0.0031			
Arsenic	7440-38-2	mg/L	8/11/2011		<0.001	0.0028			
Arsenic	7440-38-2	mg/L	10/13/2011		<0.001	0.00649			
Arsenic	7440-38-2	mg/L	4/11/2012		<0.001	0.00685	<0.001	<0.001	
Arsenic	7440-38-2	mg/L	8/1/2012		0.0102	0.0292			
Arsenic	7440-38-2	mg/L	10/11/2012			0.0122			
Arsenic	7440-38-2	mg/L	12/13/2012				0.0122		
Arsenic	7440-38-2	mg/L	3/30/2013	<0.001			0.00869		
Arsenic	7440-38-2	mg/L	10/5/2015			0.0768			
Arsenic	7440-38-2	mg/L	4/4/2016			<0.002			
Arsenic	7440-38-2	mg/L	10/17/2016		0.00312				
Arsenic	7440-38-2	mg/L	4/17/2017					0.00267	
Arsenic	7440-38-2	mg/L	10/11/2017		0.00619	0.0114	0.00241	0.00184J	
Arsenic	7440-38-2	mg/L	3/15/2018		0.00136J	0.00933	0.0135	0.00107J	
Arsenic	7440-38-2	mg/L	4/26/2018		0.000853J	0.00982	0.00772	<0.002	
Arsenic	7440-38-2	mg/L	10/16/2018		0.00302	0.0105	0.00939	0.00266	
Arsenic	7440-38-2	mg/L	4/16/2019		0.00107J	0.00363	0.0208	<0.002	
Arsenic	7440-38-2	mg/L	10/1/2019		<0.002	0.00462	0.0167	<0.002	
Arsenic	7440-38-2	mg/L	3/30/2020		0.00133J	0.0092	0.0128	<0.002	
Arsenic	7440-38-2	mg/L	10/7/2020		0.00351	0.0515	13.9	0.00168J	
Arsenic	7440-38-2	mg/L	4/13/2021		<0.004	0.0095	0.0097	<0.004	
Arsenic	7440-38-2	mg/L	10/20/2021		<0.004	<0.004	0.0164	<0.004	
Arsenic	7440-38-2	mg/L	5/2/2022		0.001J	0.0087	0.0205	0.0011J	
Arsenic	7440-38-2	mg/L	5/1/2023		<0.002	0.00123J	0.000614J	0.000658J	
Arsenic	7440-38-2	mg/L	10/16/2023		0.00109J	0.00563	0.00387	0.00168J	0.000702J
Arsenic	7440-38-2	mg/L	12/20/2023						0.00149J
Arsenic	7440-38-2	mg/L	3/20/2024						0.000918J
Arsenic	7440-38-2	mg/L	4/29/2024		0.00404	0.00396	0.015	<0.002	0.00362

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Arsenic	7440-38-2	mg/L	10/11/2024		0.00668	0.0126	0.0349	0.00208	<0.00200
Arsenic	7440-38-2	mg/L	2/25/2025						0.000998J
Arsenic	7440-38-2	mg/L	4/30/2025		0.00426	0.00960	0.0120	<0.00200	0.000797
Arsenic	7440-38-2	mg/L	10/22/2025		<0.00200	0.00107	0.000651	<0.00200	<0.00200
Arsenic	7440-38-2	mg/L	5/4/2026						0.000428
Arsenic	7440-38-2	mg/L	5/4/2026		0.000643				
Arsenic	7440-38-2	mg/L	5/4/2026			0.00102			
Arsenic	7440-38-2	mg/L	5/4/2026				0.00607		
Arsenic	7440-38-2	mg/L	5/4/2026					0.000237	
Barium	7440-39-3	mg/L	4/14/2009	0.137	0.31	0.16			
Barium	7440-39-3	mg/L	7/7/2009			0.157			
Barium	7440-39-3	mg/L	9/2/2009		0.294	0.172			
Barium	7440-39-3	mg/L	10/25/2009	0.133	0.247	0.159			
Barium	7440-39-3	mg/L	3/3/2010	0.126	0.1	0.114			
Barium	7440-39-3	mg/L	5/10/2010	0.171	0.234	0.159			
Barium	7440-39-3	mg/L	7/8/2010	0.177	0.244	0.153			
Barium	7440-39-3	mg/L	7/8/2011		0.285	0.129			
Barium	7440-39-3	mg/L	8/11/2011		0.309	0.147			
Barium	7440-39-3	mg/L	10/13/2011		0.277	0.133			
Barium	7440-39-3	mg/L	4/11/2012		0.303	0.168	0.0859	0.0421	
Barium	7440-39-3	mg/L	8/1/2012		0.662	2.65			
Barium	7440-39-3	mg/L	10/11/2012			0.148			
Barium	7440-39-3	mg/L	12/13/2012				0.472		
Barium	7440-39-3	mg/L	3/30/2013	0.103			0.226		
Barium	7440-39-3	mg/L	10/5/2015			1.22			
Barium	7440-39-3	mg/L	4/4/2016			0.162			
Barium	7440-39-3	mg/L	10/17/2016		0.212				
Barium	7440-39-3	mg/L	4/17/2017					0.194	
Barium	7440-39-3	mg/L	10/11/2017		0.23	0.198	0.0558	0.0391	
Barium	7440-39-3	mg/L	3/15/2018		0.147	0.131	0.0617	0.0229	
Barium	7440-39-3	mg/L	4/26/2018		0.193	0.155	0.0667	0.0234	
Barium	7440-39-3	mg/L	10/16/2018		0.271	0.204	0.117	0.0669	
Barium	7440-39-3	mg/L	4/16/2019		0.235	0.177	0.113	0.0286	
Barium	7440-39-3	mg/L	10/1/2019		0.151	0.127	0.0999	0.0252	
Barium	7440-39-3	mg/L	3/30/2020		0.276	0.166	0.0959	0.0286	
Barium	7440-39-3	mg/L	10/7/2020		1.67	0.24	35.3	0.0273	
Barium	7440-39-3	mg/L	4/13/2021		0.204	0.154	0.15	0.0296	
Barium	7440-39-3	mg/L	10/20/2021		0.0584	0.0286	0.163	0.0232	
Barium	7440-39-3	mg/L	5/2/2022		0.15	0.111	0.17	0.0208	
Barium	7440-39-3	mg/L	5/1/2023		0.27	0.173	0.0374	0.0379	
Barium	7440-39-3	mg/L	10/16/2023		0.189	0.145	0.261	0.0942	0.0868
Barium	7440-39-3	mg/L	12/20/2023						0.0901
Barium	7440-39-3	mg/L	3/20/2024						0.0966
Barium	7440-39-3	mg/L	4/29/2024		0.195	0.163	0.344	0.0821	0.163
Barium	7440-39-3	mg/L	10/11/2024		0.480	0.205	0.544	0.132	0.113
Barium	7440-39-3	mg/L	2/25/2025						0.123
Barium	7440-39-3	mg/L	4/30/2025		0.331	0.282	0.341	0.0782	0.119
Barium	7440-39-3	mg/L	10/22/2025		0.545	0.180	0.214	0.0918	0.109
Barium	7440-39-3	mg/L	5/4/2026						0.101
Barium	7440-39-3	mg/L	5/4/2026		0.231				
Barium	7440-39-3	mg/L	5/4/2026			0.131			
Barium	7440-39-3	mg/L	5/4/2026				0.297		
Barium	7440-39-3	mg/L	5/4/2026					0.0691	
Benzene	71-43-2	ug/L	4/14/2009	<0.5	<0.5	<0.5			
Benzene	71-43-2	ug/L	7/7/2009		<0.5	<0.5			
Benzene	71-43-2	ug/L	9/2/2009		0.64	0.71			
Benzene	71-43-2	ug/L	10/25/2009	<0.5	<0.5	<0.5			
Benzene	71-43-2	ug/L	3/3/2010	<0.5	<0.5	<0.5			

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Benzene	71-43-2	ug/L	5/10/2010	<0.5	<0.5	<0.5			
Benzene	71-43-2	ug/L	7/8/2011		<0.5	<0.5			
Benzene	71-43-2	ug/L	8/11/2011		<0.5	<0.5			
Benzene	71-43-2	ug/L	10/13/2011		<0.5	<0.5			
Benzene	71-43-2	ug/L	4/11/2012		<0.5	<0.5	<0.5	<0.5	
Benzene	71-43-2	ug/L	8/1/2012		<0.5	1.94			
Benzene	71-43-2	ug/L	10/11/2012			0.6			
Benzene	71-43-2	ug/L	12/13/2012				53.5		
Benzene	71-43-2	ug/L	3/30/2013	<0.5			14.1		
Benzene	71-43-2	ug/L	10/5/2015			1.53J			
Benzene	71-43-2	ug/L	4/4/2016			<0.5			
Benzene	71-43-2	ug/L	10/17/2016		<0.5				
Benzene	71-43-2	ug/L	4/17/2017					0.143J	
Benzene	71-43-2	ug/L	10/11/2017		<0.5	0.138J	0.209J	<0.5	
Benzene	71-43-2	ug/L	3/15/2018		<0.5	0.141J	0.306J	<0.5	
Benzene	71-43-2	ug/L	4/26/2018		<0.5	<0.5	0.191J	<0.5	
Benzene	71-43-2	ug/L	10/16/2018		<0.5	<0.5	<0.5	<0.5	
Benzene	71-43-2	ug/L	4/16/2019		<0.5	<0.5	<0.5	<0.5	
Benzene	71-43-2	ug/L	10/1/2019		<0.5	<0.5	<0.5	<0.5	
Benzene	71-43-2	ug/L	3/30/2020		<0.5	0.245J	<0.5	<0.5	
Benzene	71-43-2	ug/L	10/7/2020		<0.5	1.18	<0.5	<0.5	
Benzene	71-43-2	ug/L	4/13/2021		<1	2.4	<1	<1	
Benzene	71-43-2	ug/L	10/20/2021		<1	<1	<1	<1	
Benzene	71-43-2	ug/L	5/2/2022		<1	<1	<1	<1	
Benzene	71-43-2	ug/L	5/1/2023		<0.5	0.785	<0.5	<0.5	
Benzene	71-43-2	ug/L	8/1/2023			<0.5	0.564	<0.5	<0.5
Benzene	71-43-2	ug/L	10/16/2023		<0.5	<0.5	0.701	<0.5	<0.5
Benzene	71-43-2	ug/L	12/20/2023						<0.5
Benzene	71-43-2	ug/L	3/20/2024						<0.5
Benzene	71-43-2	ug/L	4/29/2024		0.231J	<0.5	0.297J	<0.5	<0.5
Benzene	71-43-2	ug/L	10/11/2024		<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	71-43-2	ug/L	2/25/2025						<0.500
Benzene	71-43-2	ug/L	4/30/2025		<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	71-43-2	ug/L	10/22/2025		<0.500	<0.500	<0.500	<0.500	<0.500
Benzene	71-43-2	ug/L	5/4/2026						<0.500
Benzene	71-43-2	ug/L	5/4/2026		<0.500				
Benzene	71-43-2	ug/L	5/4/2026			<0.500			
Benzene	71-43-2	ug/L	5/4/2026				<0.500		
Benzene	71-43-2	ug/L	5/4/2026					<0.500	
Benzo [k] fluoranthene	207-08-9	ug/L	5/10/2010	<10	<10	<10			
Benzo[a]anthracene	56-55-3	ug/L	5/10/2010	<10	<10	<10			
Benzo[a]pyrene	50-32-8	ug/L	5/10/2010	<10	<10	<10			
Benzo[b]fluoranthene	205-99-2	ug/L	5/10/2010	<10	<10	<10			
Benzo[g,h,i]perylene	191-24-2	ug/L	5/10/2010	<10	<10	<10			
Benzyl alcohol	100-51-6	ug/L	5/10/2010	<10	<10	<10			
Beryllium	7440-41-7	mg/L	4/14/2009	<0.001	<0.001	<0.001			
Beryllium	7440-41-7	mg/L	7/7/2009		<0.001	<0.001			
Beryllium	7440-41-7	mg/L	9/2/2009		<0.001	<0.001			
Beryllium	7440-41-7	mg/L	10/25/2009	<0.001	<0.001	<0.001			
Beryllium	7440-41-7	mg/L	3/3/2010	<0.001	<0.001	<0.001			
Beryllium	7440-41-7	mg/L	5/10/2010	<0.0004	<0.0004	<0.0004			
Beryllium	7440-41-7	mg/L	7/8/2011		<0.001	<0.001			
Beryllium	7440-41-7	mg/L	8/11/2011		<0.001	<0.001			
Beryllium	7440-41-7	mg/L	10/13/2011		<0.001	<0.001			
Beryllium	7440-41-7	mg/L	4/11/2012		<0.001	<0.001	<0.001	<0.001	
Beryllium	7440-41-7	mg/L	8/1/2012		<0.001	<0.001			
Beryllium	7440-41-7	mg/L	10/11/2012			<0.001			
Beryllium	7440-41-7	mg/L	12/13/2012				<0.001		

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Beryllium	7440-41-7	mg/L	3/30/2013	<0.001			0.00131		
Beryllium	7440-41-7	mg/L	10/5/2015			0.000552J			
Beryllium	7440-41-7	mg/L	4/4/2016			<0.001			
Beryllium	7440-41-7	mg/L	10/17/2016		<0.001				
Beryllium	7440-41-7	mg/L	4/17/2017					<0.001	
Beryllium	7440-41-7	mg/L	10/11/2017		<0.001	<0.001	<0.001	<0.001	
Beryllium	7440-41-7	mg/L	3/15/2018		<0.001	<0.001	<0.001	<0.001	
Beryllium	7440-41-7	mg/L	4/26/2018		<0.001	<0.001	<0.001	<0.004	
Beryllium	7440-41-7	mg/L	10/16/2018		<0.001	0.000538J	<0.001	<0.001	
Beryllium	7440-41-7	mg/L	4/16/2019		<0.001	<0.001	<0.001	<0.001	
Beryllium	7440-41-7	mg/L	10/1/2019		<0.001	<0.001	<0.001	<0.001	
Beryllium	7440-41-7	mg/L	3/30/2020		<0.001	<0.001	<0.001	<0.001	
Beryllium	7440-41-7	mg/L	10/7/2020		<0.001	<0.001	0.00806	<0.001	
Beryllium	7440-41-7	mg/L	4/13/2021		<0.004	<0.004	<0.004	<0.004	
Beryllium	7440-41-7	mg/L	10/20/2021		<0.004	<0.004	<0.004	<0.004	
Beryllium	7440-41-7	mg/L	5/2/2022		<0.004	<0.004	<0.004	<0.004	
Beryllium	7440-41-7	mg/L	5/1/2023		<0.001	<0.001	<0.001	<0.001	
Beryllium	7440-41-7	mg/L	10/16/2023		<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	12/20/2023						<0.001
Beryllium	7440-41-7	mg/L	3/20/2024						<0.001
Beryllium	7440-41-7	mg/L	4/29/2024		<0.001	<0.001	<0.001	<0.001	<0.001
Beryllium	7440-41-7	mg/L	10/11/2024		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Beryllium	7440-41-7	mg/L	2/25/2025						<0.00100
Beryllium	7440-41-7	mg/L	4/30/2025		0.000692	0.000930	<0.00100	<0.00100	<0.00100
Beryllium	7440-41-7	mg/L	10/22/2025		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Beryllium	7440-41-7	mg/L	5/4/2026						<0.000400
Beryllium	7440-41-7	mg/L	5/4/2026		<0.000400				
Beryllium	7440-41-7	mg/L	5/4/2026			<0.000400			
Beryllium	7440-41-7	mg/L	5/4/2026				<0.000400		
Beryllium	7440-41-7	mg/L	5/4/2026					<0.000400	
Beta-BHC	319-85-7	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Bicarbonate	BICARB	mg/L	3/15/2018		545	525	648	485	
Bis[2-chloroethoxy]methane	111-91-1	ug/L	5/10/2010	<10	<10	<10			
Bis[2-chloroethyl]ether	111-44-4	ug/L	5/10/2010	<10	<10	<10			
Bis[2-chloroisopropyl]ether	108-60-1	ug/L	5/10/2010	<10	<10	<10			
Bis[2-ethylhexyl]phthalate	117-81-7	ug/L	5/10/2010	<10	<10	<10			
Bromochloromethane	74-97-5	ug/L	4/14/2009	<5	<5	<5			
Bromochloromethane	74-97-5	ug/L	7/7/2009		<5	<5			
Bromochloromethane	74-97-5	ug/L	9/2/2009		<5	<5			
Bromochloromethane	74-97-5	ug/L	10/25/2009	<5	<5	<5			
Bromochloromethane	74-97-5	ug/L	3/3/2010	<5	<5	<5			
Bromochloromethane	74-97-5	ug/L	5/10/2010	<5	<5	<5			
Bromochloromethane	74-97-5	ug/L	7/8/2011		<5	<5			
Bromochloromethane	74-97-5	ug/L	8/11/2011		<5	<5			
Bromochloromethane	74-97-5	ug/L	10/13/2011		<5	<5			
Bromochloromethane	74-97-5	ug/L	4/11/2012		<5	<5	<5	<5	
Bromochloromethane	74-97-5	ug/L	8/1/2012		<5	<5			
Bromochloromethane	74-97-5	ug/L	10/11/2012			<5			
Bromochloromethane	74-97-5	ug/L	12/13/2012				<125		
Bromochloromethane	74-97-5	ug/L	3/30/2013	<5			<5		
Bromochloromethane	74-97-5	ug/L	10/5/2015			<50			
Bromochloromethane	74-97-5	ug/L	4/4/2016			<5			
Bromochloromethane	74-97-5	ug/L	10/17/2016		<5				
Bromochloromethane	74-97-5	ug/L	4/17/2017					<5	
Bromochloromethane	74-97-5	ug/L	10/11/2017		<5	<5	<5	<5	
Bromochloromethane	74-97-5	ug/L	3/15/2018		<5	<5	<5	<5	
Bromochloromethane	74-97-5	ug/L	4/26/2018		<5	<5	<5	<5	
Bromochloromethane	74-97-5	ug/L	10/16/2018		<5	<5	<5	<5	

Table 9B
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Bromochloromethane	74-97-5	ug/L	4/16/2019		<5	<5	<5	<5	
Bromochloromethane	74-97-5	ug/L	10/1/2019		<5	<5	<5	<5	
Bromochloromethane	74-97-5	ug/L	3/30/2020		<5	<5	<5	<5	
Bromochloromethane	74-97-5	ug/L	10/7/2020		<5	<5	<5	<5	
Bromochloromethane	74-97-5	ug/L	4/13/2021		<1	<1	<1	<1	
Bromochloromethane	74-97-5	ug/L	10/20/2021		<1	<1	<1	<1	
Bromochloromethane	74-97-5	ug/L	5/2/2022		<1	<1	<1	<1	
Bromochloromethane	74-97-5	ug/L	5/1/2023		<5	<5	<5	<5	
Bromochloromethane	74-97-5	ug/L	8/1/2023			<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/16/2023		<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	12/20/2023						<5
Bromochloromethane	74-97-5	ug/L	3/20/2024						<5
Bromochloromethane	74-97-5	ug/L	4/29/2024		<5	<5	<5	<5	<5
Bromochloromethane	74-97-5	ug/L	10/11/2024		<5.00	<5.00	<5.00	<5.00	<5.00
Bromochloromethane	74-97-5	ug/L	2/25/2025						<5.00
Bromochloromethane	74-97-5	ug/L	4/30/2025		<5.00	<5.00	<5.00	<5.00	<5.00
Bromochloromethane	74-97-5	ug/L	10/22/2025		<5.00	<5.00	<5.00	<5.00	<5.00
Bromochloromethane	74-97-5	ug/L	5/4/2026						<5.00
Bromochloromethane	74-97-5	ug/L	5/4/2026		<5.00				
Bromochloromethane	74-97-5	ug/L	5/4/2026			<5.00			
Bromochloromethane	74-97-5	ug/L	5/4/2026				<5.00		
Bromochloromethane	74-97-5	ug/L	5/4/2026					<5.00	
Bromodichloromethane	75-27-4	ug/L	4/14/2009	<1	<1	<1			
Bromodichloromethane	75-27-4	ug/L	7/7/2009		<1	<1			
Bromodichloromethane	75-27-4	ug/L	9/2/2009		<1	<1			
Bromodichloromethane	75-27-4	ug/L	10/25/2009	<2	<2	<2			
Bromodichloromethane	75-27-4	ug/L	3/3/2010	<1	<1	<1			
Bromodichloromethane	75-27-4	ug/L	5/10/2010	<4	<4	<4			
Bromodichloromethane	75-27-4	ug/L	7/8/2011		<1	<1			
Bromodichloromethane	75-27-4	ug/L	8/11/2011		<1	<1			
Bromodichloromethane	75-27-4	ug/L	10/13/2011		<1	<1			
Bromodichloromethane	75-27-4	ug/L	4/11/2012		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	8/1/2012		<1	<1			
Bromodichloromethane	75-27-4	ug/L	10/11/2012			<1			
Bromodichloromethane	75-27-4	ug/L	12/13/2012				<25		
Bromodichloromethane	75-27-4	ug/L	3/30/2013	<1			<1		
Bromodichloromethane	75-27-4	ug/L	10/5/2015			<10			
Bromodichloromethane	75-27-4	ug/L	4/4/2016			<1			
Bromodichloromethane	75-27-4	ug/L	10/17/2016		<1				
Bromodichloromethane	75-27-4	ug/L	4/17/2017					<1	
Bromodichloromethane	75-27-4	ug/L	10/11/2017		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	3/15/2018		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	4/26/2018		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	10/16/2018		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	4/16/2019		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	10/1/2019		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	3/30/2020		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	10/7/2020		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	4/13/2021		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	10/20/2021		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	5/2/2022		<1	<1	<1	<1	
Bromodichloromethane	75-27-4	ug/L	5/1/2023		<1	<1	1.96	2.02	
Bromodichloromethane	75-27-4	ug/L	8/1/2023			<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/16/2023		<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	12/20/2023						<1
Bromodichloromethane	75-27-4	ug/L	3/20/2024						<1
Bromodichloromethane	75-27-4	ug/L	4/29/2024		<1	<1	<1	<1	<1
Bromodichloromethane	75-27-4	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Bromodichloromethane	75-27-4	ug/L	2/25/2025						<1.00
Bromodichloromethane	75-27-4	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Bromodichloromethane	75-27-4	ug/L	10/22/2025		<1.00	<1.00	1.92	<1.00	<1.00
Bromodichloromethane	75-27-4	ug/L	5/4/2026						<1.00
Bromodichloromethane	75-27-4	ug/L	5/4/2026		<1.00				
Bromodichloromethane	75-27-4	ug/L	5/4/2026			<1.00			
Bromodichloromethane	75-27-4	ug/L	5/4/2026				<1.00		
Bromodichloromethane	75-27-4	ug/L	5/4/2026					<1.00	
Bromoform	75-25-2	ug/L	4/14/2009	<5	<5	<5			
Bromoform	75-25-2	ug/L	7/7/2009		<5	<5			
Bromoform	75-25-2	ug/L	9/2/2009		<5	<5			
Bromoform	75-25-2	ug/L	10/25/2009	<10	<10	<10			
Bromoform	75-25-2	ug/L	3/3/2010	<5	<5	<5			
Bromoform	75-25-2	ug/L	5/10/2010	<20	<20	<20			
Bromoform	75-25-2	ug/L	7/8/2011		<5	<5			
Bromoform	75-25-2	ug/L	8/11/2011		<5	<5			
Bromoform	75-25-2	ug/L	10/13/2011		<5	<5			
Bromoform	75-25-2	ug/L	4/11/2012		<5	<5	<5	<5	
Bromoform	75-25-2	ug/L	8/1/2012		<5	<5			
Bromoform	75-25-2	ug/L	10/11/2012			<5			
Bromoform	75-25-2	ug/L	12/13/2012				<125		
Bromoform	75-25-2	ug/L	3/30/2013	<5			<5		
Bromoform	75-25-2	ug/L	10/5/2015			<50			
Bromoform	75-25-2	ug/L	4/4/2016			<5			
Bromoform	75-25-2	ug/L	10/17/2016		<5				
Bromoform	75-25-2	ug/L	4/17/2017					<5	
Bromoform	75-25-2	ug/L	10/11/2017		<5	<5	<5	<5	
Bromoform	75-25-2	ug/L	3/15/2018		<5	<5	<5	<5	
Bromoform	75-25-2	ug/L	4/26/2018		<5	<5	<5	<5	
Bromoform	75-25-2	ug/L	10/16/2018		<5	<5	<5	<5	
Bromoform	75-25-2	ug/L	4/16/2019		<5	<5	<5	<5	
Bromoform	75-25-2	ug/L	10/1/2019		<5	<5	<5	<5	
Bromoform	75-25-2	ug/L	3/30/2020		<5	<5	<5	<5	
Bromoform	75-25-2	ug/L	10/7/2020		<5	<5	<5	<5	
Bromoform	75-25-2	ug/L	4/13/2021		<1	<1	<1	<1	
Bromoform	75-25-2	ug/L	10/20/2021		<1	<1	<1	<1	
Bromoform	75-25-2	ug/L	5/2/2022		<1	<1	<1	<1	
Bromoform	75-25-2	ug/L	5/1/2023		<5	<5	<5	<5	
Bromoform	75-25-2	ug/L	8/1/2023			<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/16/2023		<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	12/20/2023						<5
Bromoform	75-25-2	ug/L	3/20/2024						<5
Bromoform	75-25-2	ug/L	4/29/2024		<5	<5	<5	<5	<5
Bromoform	75-25-2	ug/L	10/11/2024		<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	75-25-2	ug/L	2/25/2025						<5.00
Bromoform	75-25-2	ug/L	4/30/2025		<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	75-25-2	ug/L	10/22/2025		<5.00	<5.00	<5.00	<5.00	<5.00
Bromoform	75-25-2	ug/L	5/4/2026						<5.00
Bromoform	75-25-2	ug/L	5/4/2026		<5.00				
Bromoform	75-25-2	ug/L	5/4/2026			<5.00			
Bromoform	75-25-2	ug/L	5/4/2026				<5.00		
Bromoform	75-25-2	ug/L	5/4/2026					<5.00	
Bromomethane	74-83-9	ug/L	4/14/2009	<4	<4	<4			
Bromomethane	74-83-9	ug/L	7/7/2009		<4	<4			
Bromomethane	74-83-9	ug/L	9/2/2009		<4	<4			
Bromomethane	74-83-9	ug/L	10/25/2009	<4	<4	<4			
Bromomethane	74-83-9	ug/L	3/3/2010	<4	<4	<4			
Bromomethane	74-83-9	ug/L	5/10/2010	<4	<4	<4			

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Bromomethane	74-83-9	ug/L	7/8/2011		<4	<4			
Bromomethane	74-83-9	ug/L	8/11/2011		<4	<4			
Bromomethane	74-83-9	ug/L	10/13/2011		<20	<20			
Bromomethane	74-83-9	ug/L	4/11/2012		<4	<4	<4	<4	
Bromomethane	74-83-9	ug/L	8/1/2012		<4	<4			
Bromomethane	74-83-9	ug/L	10/11/2012			<4			
Bromomethane	74-83-9	ug/L	12/13/2012				<100		
Bromomethane	74-83-9	ug/L	3/30/2013	<4			<4		
Bromomethane	74-83-9	ug/L	10/5/2015			<40			
Bromomethane	74-83-9	ug/L	4/4/2016			<4			
Bromomethane	74-83-9	ug/L	10/17/2016		<4				
Bromomethane	74-83-9	ug/L	4/17/2017					<4	
Bromomethane	74-83-9	ug/L	10/11/2017		<4	<4	<4	<4	
Bromomethane	74-83-9	ug/L	3/15/2018		<4	0.331J	0.308J	0.29J	
Bromomethane	74-83-9	ug/L	4/26/2018		<4	<4	<4	<4	
Bromomethane	74-83-9	ug/L	10/16/2018		<4	<4	<4	<4	
Bromomethane	74-83-9	ug/L	4/16/2019		<4	<4	<4	<4	
Bromomethane	74-83-9	ug/L	10/1/2019		<4	<4	<4	<4	
Bromomethane	74-83-9	ug/L	3/30/2020		<4	<4	<4	<4	
Bromomethane	74-83-9	ug/L	10/7/2020		<4	<4	<4	<4	
Bromomethane	74-83-9	ug/L	4/13/2021		<1	<1	<1	<1	
Bromomethane	74-83-9	ug/L	10/20/2021		<1	<1	<1	<1	
Bromomethane	74-83-9	ug/L	5/2/2022		<1	<1	<1	<1	
Bromomethane	74-83-9	ug/L	5/1/2023		<4	<4	<4	<4	
Bromomethane	74-83-9	ug/L	8/1/2023			<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/16/2023		<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	12/20/2023						<4
Bromomethane	74-83-9	ug/L	3/20/2024						<4
Bromomethane	74-83-9	ug/L	4/29/2024		<4	<4	<4	<4	<4
Bromomethane	74-83-9	ug/L	10/11/2024		<4.00	<4.00	<4.00	<4.00	<4.00
Bromomethane	74-83-9	ug/L	2/25/2025						<4.00
Bromomethane	74-83-9	ug/L	4/30/2025		<4.00	<4.00	<4.00	<4.00	<4.00
Bromomethane	74-83-9	ug/L	10/22/2025		<4.00	<4.00	<4.00	<4.00	<4.00
Bromomethane	74-83-9	ug/L	5/4/2026						<4.00
Bromomethane	74-83-9	ug/L	5/4/2026		<4.00				
Bromomethane	74-83-9	ug/L	5/4/2026			<4.00			
Bromomethane	74-83-9	ug/L	5/4/2026				<4.00		
Bromomethane	74-83-9	ug/L	5/4/2026					<4.00	
Butyl benzyl phthalate	85-68-7	ug/L	5/10/2010	<10	<10	<10			
Cadmium	7440-43-9	mg/L	4/14/2009	<0.0025	<0.0025	<0.0025			
Cadmium	7440-43-9	mg/L	7/7/2009		<0.0025	<0.0025			
Cadmium	7440-43-9	mg/L	9/2/2009		<0.0025	<0.0025			
Cadmium	7440-43-9	mg/L	10/25/2009	<0.0025	<0.0025	<0.0025			
Cadmium	7440-43-9	mg/L	3/3/2010	<0.0025	<0.0025	<0.0025			
Cadmium	7440-43-9	mg/L	5/10/2010	<0.0004	<0.0004	<0.0004			
Cadmium	7440-43-9	mg/L	7/8/2011		<0.0025	<0.0025			
Cadmium	7440-43-9	mg/L	8/11/2011		<0.0025	<0.0025			
Cadmium	7440-43-9	mg/L	10/13/2011		<0.0005	<0.0005			
Cadmium	7440-43-9	mg/L	4/11/2012		<0.0005	<0.0005	<0.0005	<0.0005	
Cadmium	7440-43-9	mg/L	8/1/2012		<0.0005	<0.0005			
Cadmium	7440-43-9	mg/L	10/11/2012			<0.0005			
Cadmium	7440-43-9	mg/L	12/13/2012				<0.0005		
Cadmium	7440-43-9	mg/L	3/30/2013	<0.0005			0.00101		
Cadmium	7440-43-9	mg/L	10/5/2015			0.000276J			
Cadmium	7440-43-9	mg/L	4/4/2016			<0.0005			
Cadmium	7440-43-9	mg/L	10/17/2016		0.00005J				
Cadmium	7440-43-9	mg/L	4/17/2017					<0.0005	
Cadmium	7440-43-9	mg/L	10/11/2017		<0.0005	<0.0005	<0.0005	0.00022J	

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Cadmium	7440-43-9	mg/L	3/15/2018		<0.0005	<0.0005	<0.0005	0.000106J	
Cadmium	7440-43-9	mg/L	4/26/2018		<0.0005	<0.0005	<0.0005	<0.0005	
Cadmium	7440-43-9	mg/L	10/16/2018		<0.0005	<0.0005	<0.0005	<0.0005	
Cadmium	7440-43-9	mg/L	4/16/2019		<0.0005	<0.0005	<0.0005	<0.0005	
Cadmium	7440-43-9	mg/L	10/1/2019		<0.0001	<0.0001	<0.0001	<0.0001	
Cadmium	7440-43-9	mg/L	3/30/2020		<0.0001	<0.0001	<0.0001	<0.0001	
Cadmium	7440-43-9	mg/L	10/7/2020		<0.0001	<0.0001	0.00138	<0.0001	
Cadmium	7440-43-9	mg/L	4/13/2021		<0.0008	<0.0008	<0.0008	0.0002J	
Cadmium	7440-43-9	mg/L	10/20/2021		<0.0008	0.0001J	<0.0008	<0.0008	
Cadmium	7440-43-9	mg/L	5/2/2022		<0.0008	<0.0008	<0.0008	<0.0008	
Cadmium	7440-43-9	mg/L	5/1/2023		<0.0002	0.000288	<0.0002	<0.0002	
Cadmium	7440-43-9	mg/L	10/16/2023		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Cadmium	7440-43-9	mg/L	12/20/2023						<0.0002
Cadmium	7440-43-9	mg/L	3/20/2024						<0.0002
Cadmium	7440-43-9	mg/L	4/29/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Cadmium	7440-43-9	mg/L	10/11/2024		0.000134	<0.000200	<0.000200	0.000203	0.000100
Cadmium	7440-43-9	mg/L	2/25/2025						0.000269
Cadmium	7440-43-9	mg/L	4/30/2025		0.000178	0.000356	<0.000200	<0.000200	<0.000200
Cadmium	7440-43-9	mg/L	10/22/2025		<0.000200	<0.000200	<0.000200	0.000120	0.000113
Cadmium	7440-43-9	mg/L	5/4/2026						<0.000500
Cadmium	7440-43-9	mg/L	5/4/2026		<0.000500				
Cadmium	7440-43-9	mg/L	5/4/2026			<0.000500			
Cadmium	7440-43-9	mg/L	5/4/2026				<0.000500		
Cadmium	7440-43-9	mg/L	5/4/2026					<0.000500	
Calcium	7440-70-2	mg/L	3/15/2018		195	243	255	381	
Carbon Disulfide	75-15-0	ug/L	4/14/2009	<1	<1	<1			
Carbon Disulfide	75-15-0	ug/L	7/7/2009		<1	<1			
Carbon Disulfide	75-15-0	ug/L	9/2/2009		<1	<1			
Carbon Disulfide	75-15-0	ug/L	10/25/2009	<5	<5	<5			
Carbon Disulfide	75-15-0	ug/L	3/3/2010	<1	<1	<1			
Carbon Disulfide	75-15-0	ug/L	5/10/2010	<4	<4	<4			
Carbon Disulfide	75-15-0	ug/L	7/8/2011		<1	<1			
Carbon Disulfide	75-15-0	ug/L	8/11/2011		<1	<1			
Carbon Disulfide	75-15-0	ug/L	10/13/2011		<1	<1			
Carbon Disulfide	75-15-0	ug/L	4/11/2012		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	8/1/2012		<1	<1			
Carbon Disulfide	75-15-0	ug/L	10/11/2012			<1			
Carbon Disulfide	75-15-0	ug/L	12/13/2012				<25		
Carbon Disulfide	75-15-0	ug/L	3/30/2013	<1			6.23		
Carbon Disulfide	75-15-0	ug/L	10/5/2015			<10			
Carbon Disulfide	75-15-0	ug/L	4/4/2016			<1			
Carbon Disulfide	75-15-0	ug/L	10/17/2016		<1				
Carbon Disulfide	75-15-0	ug/L	4/17/2017					<1	
Carbon Disulfide	75-15-0	ug/L	10/11/2017		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	3/15/2018		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	4/26/2018		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	10/16/2018		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	4/16/2019		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	10/1/2019		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	3/30/2020		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	10/7/2020		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	4/13/2021		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	10/20/2021		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	5/2/2022		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	5/1/2023		<1	<1	<1	<1	
Carbon Disulfide	75-15-0	ug/L	8/1/2023			<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	10/16/2023		<1	<1	<1	<1	<1
Carbon Disulfide	75-15-0	ug/L	12/20/2023						<1

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Carbon Disulfide	75-15-0	ug/L	3/20/2024						<1
Carbon Disulfide	75-15-0	ug/L	4/29/2024		<1	<1	<1	<1	<1
Carbon Tetrachloride	56-23-5	ug/L	4/14/2009	<2	<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	7/7/2009		<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	9/2/2009		<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	10/25/2009	<2	<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	3/3/2010	<2	<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	5/10/2010	<4	<4	<4			
Carbon Tetrachloride	56-23-5	ug/L	7/8/2011		<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	8/11/2011		<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	10/13/2011		<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	4/11/2012		<2	<2	<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	8/1/2012		<2	<2			
Carbon Tetrachloride	56-23-5	ug/L	10/11/2012			<2			
Carbon Tetrachloride	56-23-5	ug/L	12/13/2012				<50		
Carbon Tetrachloride	56-23-5	ug/L	3/30/2013	<2			8.39		
Carbon Tetrachloride	56-23-5	ug/L	10/5/2015			<20			
Carbon Tetrachloride	56-23-5	ug/L	4/4/2016			<2			
Carbon Tetrachloride	56-23-5	ug/L	10/17/2016		<2				
Carbon Tetrachloride	56-23-5	ug/L	4/17/2017					<2	
Carbon Tetrachloride	56-23-5	ug/L	10/11/2017		<2	<2	<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	3/15/2018		<2	<2	<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	4/26/2018		<2	<2	<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	10/16/2018		<2	<2	<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	4/16/2019		<2	<2	<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	10/1/2019		<2	<2	<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	3/30/2020		<2	<2	<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	10/7/2020		<2	<2	<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	4/13/2021		<1	<1	<1	<1	
Carbon Tetrachloride	56-23-5	ug/L	10/20/2021		<1	<1	<1	<1	
Carbon Tetrachloride	56-23-5	ug/L	5/2/2022		<1	<1	<1	<1	
Carbon Tetrachloride	56-23-5	ug/L	5/1/2023		<2	<2	<2	<2	
Carbon Tetrachloride	56-23-5	ug/L	8/1/2023			<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	10/16/2023		<2	<2	<2	<2	<2
Carbon Tetrachloride	56-23-5	ug/L	12/20/2023						<2
Carbon Tetrachloride	56-23-5	ug/L	3/20/2024						<2
Carbon Tetrachloride	56-23-5	ug/L	4/29/2024		<2	<2	<2	<2	<2
Carbon disulfide	75-15-0	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
Carbon disulfide	75-15-0	ug/L	2/25/2025						<1.00
Carbon disulfide	75-15-0	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Carbon disulfide	75-15-0	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Carbon disulfide	75-15-0	ug/L	5/4/2026						<1.00
Carbon disulfide	75-15-0	ug/L	5/4/2026		<1.00				
Carbon disulfide	75-15-0	ug/L	5/4/2026			<1.00			
Carbon disulfide	75-15-0	ug/L	5/4/2026				<1.00		
Carbon disulfide	75-15-0	ug/L	5/4/2026					<1.00	
Carbon tetrachloride	56-23-5	ug/L	10/11/2024		<2.00	<2.00	<2.00	<2.00	<2.00
Carbon tetrachloride	56-23-5	ug/L	2/25/2025						<2.00
Carbon tetrachloride	56-23-5	ug/L	4/30/2025		<2.00	<2.00	<2.00	<2.00	<2.00
Carbon tetrachloride	56-23-5	ug/L	10/22/2025		<2.00	<2.00	<2.00	<2.00	<2.00
Carbon tetrachloride	56-23-5	ug/L	5/4/2026						<2.00
Carbon tetrachloride	56-23-5	ug/L	5/4/2026		<2.00				
Carbon tetrachloride	56-23-5	ug/L	5/4/2026			<2.00			
Carbon tetrachloride	56-23-5	ug/L	5/4/2026				<2.00		
Carbon tetrachloride	56-23-5	ug/L	5/4/2026					<2.00	
Carbonate	CARB	mg/L	3/15/2018		<5	<5	<5	<5	
Chlordane	57-74-9	ug/L	5/10/2010	<2	<2	<2			
Chloride	16887-00-6	mg/L	3/15/2018		12.6	22.9	16.7	14.8	

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Chlorobenzene	108-90-7	ug/L	4/14/2009	<1	<1	<1			
Chlorobenzene	108-90-7	ug/L	7/7/2009		<1	<1			
Chlorobenzene	108-90-7	ug/L	9/2/2009		<1	<1			
Chlorobenzene	108-90-7	ug/L	10/25/2009	<2	<2	<2			
Chlorobenzene	108-90-7	ug/L	3/3/2010	<1	<1	<1			
Chlorobenzene	108-90-7	ug/L	5/10/2010	<1	<1	<1			
Chlorobenzene	108-90-7	ug/L	7/8/2011		<1	<1			
Chlorobenzene	108-90-7	ug/L	8/11/2011		<1	<1			
Chlorobenzene	108-90-7	ug/L	10/13/2011		<1	<1			
Chlorobenzene	108-90-7	ug/L	4/11/2012		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	8/1/2012		<1	<1			
Chlorobenzene	108-90-7	ug/L	10/11/2012			<1			
Chlorobenzene	108-90-7	ug/L	12/13/2012				<25		
Chlorobenzene	108-90-7	ug/L	3/30/2013	<1			<1		
Chlorobenzene	108-90-7	ug/L	10/5/2015			<10			
Chlorobenzene	108-90-7	ug/L	4/4/2016			<1			
Chlorobenzene	108-90-7	ug/L	10/17/2016		<1				
Chlorobenzene	108-90-7	ug/L	4/17/2017					<1	
Chlorobenzene	108-90-7	ug/L	10/11/2017		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	3/15/2018		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	4/26/2018		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	10/16/2018		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	4/16/2019		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	10/1/2019		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	3/30/2020		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	10/7/2020		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	4/13/2021		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	10/20/2021		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	5/2/2022		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	5/1/2023		<1	<1	<1	<1	
Chlorobenzene	108-90-7	ug/L	8/1/2023			<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/16/2023		<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	12/20/2023						<1
Chlorobenzene	108-90-7	ug/L	3/20/2024						<1
Chlorobenzene	108-90-7	ug/L	4/29/2024		<1	<1	<1	<1	<1
Chlorobenzene	108-90-7	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	108-90-7	ug/L	2/25/2025						<1.00
Chlorobenzene	108-90-7	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	108-90-7	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	108-90-7	ug/L	5/4/2026						<1.00
Chlorobenzene	108-90-7	ug/L	5/4/2026		<1.00				
Chlorobenzene	108-90-7	ug/L	5/4/2026			<1.00			
Chlorobenzene	108-90-7	ug/L	5/4/2026				<1.00		
Chlorobenzene	108-90-7	ug/L	5/4/2026					<1.00	
Chlorobenzilate	510-15-6	ug/L	5/10/2010	<10	<10	<10			
Chlorodibromomethane	124-48-1	ug/L	4/14/2009	<5	<5	<5			
Chlorodibromomethane	124-48-1	ug/L	7/7/2009		<5	<5			
Chlorodibromomethane	124-48-1	ug/L	9/2/2009		<5	<5			
Chlorodibromomethane	124-48-1	ug/L	10/25/2009	<5	<5	<5			
Chlorodibromomethane	124-48-1	ug/L	3/3/2010	<5	<5	<5			
Chlorodibromomethane	124-48-1	ug/L	5/10/2010	<5	<5	<5			
Chlorodibromomethane	124-48-1	ug/L	7/8/2011		<5	<5			
Chlorodibromomethane	124-48-1	ug/L	8/11/2011		<5	<5			
Chlorodibromomethane	124-48-1	ug/L	10/13/2011		<5	<5			
Chlorodibromomethane	124-48-1	ug/L	4/11/2012		<5	<5	<5	<5	
Chlorodibromomethane	124-48-1	ug/L	8/1/2012		<5	<5			
Chlorodibromomethane	124-48-1	ug/L	10/11/2012			<5			
Chlorodibromomethane	124-48-1	ug/L	12/13/2012				<125		

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Chlorodibromomethane	124-48-1	ug/L	3/30/2013	<5			<5		
Chlorodibromomethane	124-48-1	ug/L	10/5/2015			<50			
Chlorodibromomethane	124-48-1	ug/L	4/4/2016			<5			
Chlorodibromomethane	124-48-1	ug/L	10/17/2016		<5				
Chlorodibromomethane	124-48-1	ug/L	4/17/2017					<5	
Chlorodibromomethane	124-48-1	ug/L	10/11/2017		<5	<5	<5	<5	
Chlorodibromomethane	124-48-1	ug/L	3/15/2018		<5	<5	<5	<5	
Chlorodibromomethane	124-48-1	ug/L	4/26/2018		<5	<5	<5	<5	
Chlorodibromomethane	124-48-1	ug/L	10/16/2018		<5	<5	<5	<5	
Chlorodibromomethane	124-48-1	ug/L	4/16/2019		<5	<5	<5	<5	
Chlorodibromomethane	124-48-1	ug/L	10/1/2019		<5	<5	<5	<5	
Chlorodibromomethane	124-48-1	ug/L	3/30/2020		<5	<5	<5	<5	
Chlorodibromomethane	124-48-1	ug/L	10/7/2020		<5	<5	<5	<5	
Chlorodibromomethane	124-48-1	ug/L	4/13/2021		<1	<1	<1	<1	
Chlorodibromomethane	124-48-1	ug/L	10/20/2021		<1	<1	<1	<1	
Chlorodibromomethane	124-48-1	ug/L	5/2/2022		<1	<1	<1	<1	
Chlorodibromomethane	124-48-1	ug/L	5/1/2023		<5	<5	1.38J	<5	
Chlorodibromomethane	124-48-1	ug/L	8/1/2023			<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/16/2023		<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	12/20/2023						<5
Chlorodibromomethane	124-48-1	ug/L	3/20/2024						<5
Chlorodibromomethane	124-48-1	ug/L	4/29/2024		<5	<5	<5	<5	<5
Chlorodibromomethane	124-48-1	ug/L	10/11/2024		<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	124-48-1	ug/L	2/25/2025						<5.00
Chlorodibromomethane	124-48-1	ug/L	4/30/2025		<5.00	<5.00	<5.00	<5.00	<5.00
Chlorodibromomethane	124-48-1	ug/L	10/22/2025		<5.00	<5.00	1.04	<5.00	<5.00
Chlorodibromomethane	124-48-1	ug/L	5/4/2026						<5.00
Chlorodibromomethane	124-48-1	ug/L	5/4/2026		<5.00				
Chlorodibromomethane	124-48-1	ug/L	5/4/2026			<5.00			
Chlorodibromomethane	124-48-1	ug/L	5/4/2026				<5.00		
Chlorodibromomethane	124-48-1	ug/L	5/4/2026					<5.00	
Chloroethane	75-00-3	ug/L	4/14/2009	<4	<4	<4			
Chloroethane	75-00-3	ug/L	7/7/2009		<4	<4			
Chloroethane	75-00-3	ug/L	9/2/2009		<4	<4			
Chloroethane	75-00-3	ug/L	10/25/2009	<4	<4	<4			
Chloroethane	75-00-3	ug/L	3/3/2010	<4	<4	<4			
Chloroethane	75-00-3	ug/L	5/10/2010	<4	<4	<4			
Chloroethane	75-00-3	ug/L	7/8/2011		<4	<4			
Chloroethane	75-00-3	ug/L	8/11/2011		<4	<4			
Chloroethane	75-00-3	ug/L	10/13/2011		<4	<4			
Chloroethane	75-00-3	ug/L	4/11/2012		<4	<4	<4	<4	
Chloroethane	75-00-3	ug/L	8/1/2012		<4	<4			
Chloroethane	75-00-3	ug/L	10/11/2012			<4			
Chloroethane	75-00-3	ug/L	12/13/2012				<100		
Chloroethane	75-00-3	ug/L	3/30/2013	<4			<4		
Chloroethane	75-00-3	ug/L	10/5/2015			<40			
Chloroethane	75-00-3	ug/L	4/4/2016			<4			
Chloroethane	75-00-3	ug/L	10/17/2016		<4				
Chloroethane	75-00-3	ug/L	4/17/2017					<4	
Chloroethane	75-00-3	ug/L	10/11/2017		<4	<4	<4	<4	
Chloroethane	75-00-3	ug/L	3/15/2018		<4	<4	<4	<4	
Chloroethane	75-00-3	ug/L	4/26/2018		<4	<4	<4	<4	
Chloroethane	75-00-3	ug/L	10/16/2018		<4	<4	<4	<4	
Chloroethane	75-00-3	ug/L	4/16/2019		<4	<4	<4	<4	
Chloroethane	75-00-3	ug/L	10/1/2019		<4	<4	<4	<4	
Chloroethane	75-00-3	ug/L	3/30/2020		<4	<4	<4	<4	
Chloroethane	75-00-3	ug/L	10/7/2020		<4	<4	<4	<4	
Chloroethane	75-00-3	ug/L	4/13/2021		<1	<1	<1	<1	

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Chloroethane	75-00-3	ug/L	10/20/2021		<1	<1	<1	<1	
Chloroethane	75-00-3	ug/L	5/2/2022		<1	<1	<1	<1	
Chloroethane	75-00-3	ug/L	5/1/2023		<4	<4	<4	<4	
Chloroethane	75-00-3	ug/L	8/1/2023			<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/16/2023		<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	12/20/2023						<4
Chloroethane	75-00-3	ug/L	3/20/2024						<4
Chloroethane	75-00-3	ug/L	4/29/2024		<4	<4	<4	<4	<4
Chloroethane	75-00-3	ug/L	10/11/2024		<4.00	<4.00	<4.00	<4.00	<4.00
Chloroethane	75-00-3	ug/L	2/25/2025						<4.00
Chloroethane	75-00-3	ug/L	4/30/2025		<4.00	<4.00	<4.00	<4.00	<4.00
Chloroethane	75-00-3	ug/L	10/22/2025		<4.00	<4.00	<4.00	<4.00	<4.00
Chloroethane	75-00-3	ug/L	5/4/2026						<4.00
Chloroethane	75-00-3	ug/L	5/4/2026		<4.00				
Chloroethane	75-00-3	ug/L	5/4/2026			<4.00			
Chloroethane	75-00-3	ug/L	5/4/2026				<4.00		
Chloroethane	75-00-3	ug/L	5/4/2026					<4.00	
Chloroform	67-66-3	ug/L	4/14/2009	<1	<1	<1			
Chloroform	67-66-3	ug/L	7/7/2009		<1	<1			
Chloroform	67-66-3	ug/L	9/2/2009		<1	<1			
Chloroform	67-66-3	ug/L	10/25/2009	<2	<2	<2			
Chloroform	67-66-3	ug/L	3/3/2010	<1	<1	<1			
Chloroform	67-66-3	ug/L	5/10/2010	<1	<1	<1			
Chloroform	67-66-3	ug/L	7/8/2011		<1	<1			
Chloroform	67-66-3	ug/L	8/11/2011		<1	<1			
Chloroform	67-66-3	ug/L	10/13/2011		<1	<1			
Chloroform	67-66-3	ug/L	4/11/2012		<1	<1	<1	<1	
Chloroform	67-66-3	ug/L	8/1/2012		<1	<1			
Chloroform	67-66-3	ug/L	10/11/2012			<1			
Chloroform	67-66-3	ug/L	12/13/2012				<25		
Chloroform	67-66-3	ug/L	3/30/2013	<1			<1		
Chloroform	67-66-3	ug/L	10/5/2015			6.38J			
Chloroform	67-66-3	ug/L	4/4/2016			<1			
Chloroform	67-66-3	ug/L	10/17/2016		<1				
Chloroform	67-66-3	ug/L	4/17/2017					<1	
Chloroform	67-66-3	ug/L	10/11/2017		<1	<1	<1	<1	
Chloroform	67-66-3	ug/L	3/15/2018		<1	<1	<1	<1	
Chloroform	67-66-3	ug/L	4/26/2018		<1	<1	<1	<1	
Chloroform	67-66-3	ug/L	10/16/2018		<3	<3	<3	<3	
Chloroform	67-66-3	ug/L	4/16/2019		<3	<3	<3	<3	
Chloroform	67-66-3	ug/L	10/1/2019		<3	<3	<3	<3	
Chloroform	67-66-3	ug/L	3/30/2020		<3	<3	<3	<3	
Chloroform	67-66-3	ug/L	10/7/2020		<3	<3	<3	<3	
Chloroform	67-66-3	ug/L	4/13/2021		<1	<1	<1	<1	
Chloroform	67-66-3	ug/L	10/20/2021		<1	<1	<1	<1	
Chloroform	67-66-3	ug/L	5/2/2022		<1	<1	<1	<1	
Chloroform	67-66-3	ug/L	5/1/2023		<3	<3	6.75	8.17	
Chloroform	67-66-3	ug/L	8/1/2023			<3	<3	<3	<3
Chloroform	67-66-3	ug/L	10/16/2023		<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	12/20/2023						<3
Chloroform	67-66-3	ug/L	3/20/2024						<3
Chloroform	67-66-3	ug/L	4/29/2024		<3	<3	<3	<3	<3
Chloroform	67-66-3	ug/L	10/11/2024		<3.00	<3.00	<3.00	<3.00	<3.00
Chloroform	67-66-3	ug/L	2/25/2025						<3.00
Chloroform	67-66-3	ug/L	4/30/2025		<3.00	<3.00	<3.00	<3.00	<3.00
Chloroform	67-66-3	ug/L	10/22/2025		<3.00	2.79	5.89	<3.00	<3.00
Chloroform	67-66-3	ug/L	5/4/2026						<3.00
Chloroform	67-66-3	ug/L	5/4/2026		<3.00				

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Chloroform	67-66-3	ug/L	5/4/2026			<3.00			
Chloroform	67-66-3	ug/L	5/4/2026				<3.00		
Chloroform	67-66-3	ug/L	5/4/2026					<3.00	
Chloromethane	74-87-3	ug/L	4/14/2009	<3	<3	<3			
Chloromethane	74-87-3	ug/L	7/7/2009		<3	<3			
Chloromethane	74-87-3	ug/L	9/2/2009		<3	<3			
Chloromethane	74-87-3	ug/L	10/25/2009	<3	<3	<3			
Chloromethane	74-87-3	ug/L	3/3/2010	<3	<3	<3			
Chloromethane	74-87-3	ug/L	5/10/2010	<3	<3	<3			
Chloromethane	74-87-3	ug/L	7/8/2011		<3	<3			
Chloromethane	74-87-3	ug/L	8/11/2011		<3	<3			
Chloromethane	74-87-3	ug/L	10/13/2011		<3	<3			
Chloromethane	74-87-3	ug/L	4/11/2012		<3	<3	<3	<3	
Chloromethane	74-87-3	ug/L	8/1/2012		<3	<3			
Chloromethane	74-87-3	ug/L	10/11/2012			<3			
Chloromethane	74-87-3	ug/L	12/13/2012				<75		
Chloromethane	74-87-3	ug/L	3/30/2013	<3			<3		
Chloromethane	74-87-3	ug/L	10/5/2015			<30			
Chloromethane	74-87-3	ug/L	4/4/2016			<3			
Chloromethane	74-87-3	ug/L	10/17/2016		<3				
Chloromethane	74-87-3	ug/L	4/17/2017					<3	
Chloromethane	74-87-3	ug/L	10/11/2017		<3	0.677J	<3	<3	
Chloromethane	74-87-3	ug/L	3/15/2018		<3	<3	<3	<3	
Chloromethane	74-87-3	ug/L	4/26/2018		<3	<3	<3	<3	
Chloromethane	74-87-3	ug/L	10/16/2018		<3	<3	<3	<3	
Chloromethane	74-87-3	ug/L	4/16/2019		<3	<3	<3	<3	
Chloromethane	74-87-3	ug/L	10/1/2019		<3	<3	<3	<3	
Chloromethane	74-87-3	ug/L	3/30/2020		<3	<3	<3	<3	
Chloromethane	74-87-3	ug/L	10/7/2020		<3	<3	<3	<3	
Chloromethane	74-87-3	ug/L	4/13/2021		<1	<1	<1	<1	
Chloromethane	74-87-3	ug/L	10/20/2021		<1	<1	<1	<1	
Chloromethane	74-87-3	ug/L	5/2/2022		<1	<1	<1	<1	
Chloromethane	74-87-3	ug/L	5/1/2023		<3	<3	<3	<3	
Chloromethane	74-87-3	ug/L	8/1/2023			<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/16/2023		<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	12/20/2023						<3
Chloromethane	74-87-3	ug/L	3/20/2024						<3
Chloromethane	74-87-3	ug/L	4/29/2024		<3	<3	<3	<3	<3
Chloromethane	74-87-3	ug/L	10/11/2024		<3.00	<3.00	<3.00	<3.00	<3.00
Chloromethane	74-87-3	ug/L	2/25/2025						<3.00
Chloromethane	74-87-3	ug/L	4/30/2025		<3.00	<3.00	<3.00	<3.00	<3.00
Chloromethane	74-87-3	ug/L	10/22/2025		<3.00	<3.00	<3.00	<3.00	<3.00
Chloromethane	74-87-3	ug/L	5/4/2026						<3.00
Chloromethane	74-87-3	ug/L	5/4/2026		<3.00				
Chloromethane	74-87-3	ug/L	5/4/2026			<3.00			
Chloromethane	74-87-3	ug/L	5/4/2026				<3.00		
Chloromethane	74-87-3	ug/L	5/4/2026					<3.00	
Chloroprene	126-99-8	ug/L	5/10/2010	<1	<1	<1			
Chromium	7440-47-3	mg/L	4/14/2009	<0.1	<0.1	<0.1			
Chromium	7440-47-3	mg/L	7/7/2009		<0.1	<0.1			
Chromium	7440-47-3	mg/L	9/2/2009		<0.1	<0.1			
Chromium	7440-47-3	mg/L	10/25/2009	<0.1	<0.1	<0.1			
Chromium	7440-47-3	mg/L	3/3/2010	<0.1	<0.1	<0.1			
Chromium	7440-47-3	mg/L	5/10/2010	<0.02	<0.02	<0.02			
Chromium	7440-47-3	mg/L	7/8/2011		<0.1	<0.1			
Chromium	7440-47-3	mg/L	8/11/2011		<0.1	<0.1			
Chromium	7440-47-3	mg/L	10/13/2011		<0.02	<0.02			
Chromium	7440-47-3	mg/L	4/11/2012		<0.02	<0.02	<0.02	<0.02	

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Chromium	7440-47-3	mg/L	8/1/2012		<0.02	<0.02			
Chromium	7440-47-3	mg/L	10/11/2012			<0.02			
Chromium	7440-47-3	mg/L	12/13/2012				<0.02		
Chromium	7440-47-3	mg/L	3/30/2013	<0.02			<0.02		
Chromium	7440-47-3	mg/L	10/5/2015			<0.005			
Chromium	7440-47-3	mg/L	4/4/2016			<0.005			
Chromium	7440-47-3	mg/L	10/17/2016		<0.005				
Chromium	7440-47-3	mg/L	4/17/2017					<0.005	
Chromium	7440-47-3	mg/L	10/11/2017		<0.005	<0.005	<0.005	<0.005	
Chromium	7440-47-3	mg/L	3/15/2018		<0.005	<0.005	<0.005	<0.005	
Chromium	7440-47-3	mg/L	4/26/2018		0.0012J	<0.005	<0.005	<0.02	
Chromium	7440-47-3	mg/L	10/16/2018		0.0136	0.0162	0.00757	0.0066	
Chromium	7440-47-3	mg/L	4/16/2019		<0.005	<0.005	<0.005	<0.005	
Chromium	7440-47-3	mg/L	10/1/2019		<0.005	<0.005	<0.005	<0.005	
Chromium	7440-47-3	mg/L	3/30/2020		<0.005	<0.005	<0.005	<0.005	
Chromium	7440-47-3	mg/L	10/7/2020		<0.005	<0.005	0.0448	<0.005	
Chromium	7440-47-3	mg/L	4/13/2021		<0.008	<0.008	<0.008	<0.008	
Chromium	7440-47-3	mg/L	10/20/2021		<0.008	<0.008	<0.008	<0.008	
Chromium	7440-47-3	mg/L	5/2/2022		<0.008	<0.008	<0.008	<0.008	
Chromium	7440-47-3	mg/L	5/1/2023		<0.005	<0.005	<0.005	<0.005	
Chromium	7440-47-3	mg/L	10/16/2023		0.00364J	<0.005	<0.005	0.0055	<0.005
Chromium	7440-47-3	mg/L	12/20/2023						<0.005
Chromium	7440-47-3	mg/L	3/20/2024						<0.005
Chromium	7440-47-3	mg/L	4/29/2024		<0.005	<0.005	<0.005	<0.005	<0.005
Chromium	7440-47-3	mg/L	10/11/2024		0.0126	<0.00500	0.00361	0.00469	<0.00500
Chromium	7440-47-3	mg/L	2/25/2025						0.00286J
Chromium	7440-47-3	mg/L	4/30/2025		0.0134	0.0148	<0.00500	<0.00500	<0.00500
Chromium	7440-47-3	mg/L	10/22/2025		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Chromium	7440-47-3	mg/L	5/4/2026						<0.00500
Chromium	7440-47-3	mg/L	5/4/2026		<0.00500				
Chromium	7440-47-3	mg/L	5/4/2026			<0.00500			
Chromium	7440-47-3	mg/L	5/4/2026				<0.00500		
Chromium	7440-47-3	mg/L	5/4/2026					<0.00500	
Chrysene	218-01-9	ug/L	5/10/2010	<10	<10	<10			
Cobalt	7440-48-4	mg/L	4/14/2009	<0.02	<0.02	<0.02			
Cobalt	7440-48-4	mg/L	7/7/2009		<0.02	<0.02			
Cobalt	7440-48-4	mg/L	9/2/2009		<0.02	<0.02			
Cobalt	7440-48-4	mg/L	10/25/2009	<0.02	<0.02	<0.02			
Cobalt	7440-48-4	mg/L	3/3/2010	<0.02	<0.02	<0.02			
Cobalt	7440-48-4	mg/L	5/10/2010	0.00326	0.00693	0.00242			
Cobalt	7440-48-4	mg/L	7/8/2010	0.00351	0.00589	0.00159			
Cobalt	7440-48-4	mg/L	7/8/2011		0.0125	0.00419			
Cobalt	7440-48-4	mg/L	8/11/2011		0.00875	0.00489			
Cobalt	7440-48-4	mg/L	10/13/2011		0.00506	0.00351			
Cobalt	7440-48-4	mg/L	4/11/2012		0.00529	0.00451	0.00811	<0.02	
Cobalt	7440-48-4	mg/L	8/1/2012		0.00719	0.0309			
Cobalt	7440-48-4	mg/L	10/11/2012			0.00331			
Cobalt	7440-48-4	mg/L	12/13/2012				0.0394		
Cobalt	7440-48-4	mg/L	3/30/2013	0.00139			0.015		
Cobalt	7440-48-4	mg/L	10/5/2015			0.0528			
Cobalt	7440-48-4	mg/L	4/4/2016			0.00121			
Cobalt	7440-48-4	mg/L	10/17/2016		0.000907				
Cobalt	7440-48-4	mg/L	4/17/2017					0.00146	
Cobalt	7440-48-4	mg/L	10/11/2017		0.00393	0.00467	0.00741	0.00146	
Cobalt	7440-48-4	mg/L	3/15/2018		0.00129	0.00461	0.0032	0.000474J	
Cobalt	7440-48-4	mg/L	4/26/2018		0.000781	0.00424	0.00324	<0.002	
Cobalt	7440-48-4	mg/L	10/16/2018		0.00655	0.0076	0.00835	0.00208	
Cobalt	7440-48-4	mg/L	4/16/2019		0.00243	0.00219	0.00123	0.000931	

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Cobalt	7440-48-4	mg/L	10/1/2019		0.00469	0.00121	0.000816	0.000101J	
Cobalt	7440-48-4	mg/L	3/30/2020		0.00457	0.00305	0.000829	0.000123J	
Cobalt	7440-48-4	mg/L	10/7/2020		0.0182	0.00534	0.07	0.000139J	
Cobalt	7440-48-4	mg/L	4/13/2021		0.0015	0.0036	0.0007	0.0006	
Cobalt	7440-48-4	mg/L	10/20/2021		0.0033	0.0003J	0.0006	<0.0004	
Cobalt	7440-48-4	mg/L	5/2/2022		0.0006	0.0017	0.0011	0.0004	
Cobalt	7440-48-4	mg/L	5/1/2023		0.000625	0.00209	0.00069	0.000733	
Cobalt	7440-48-4	mg/L	10/16/2023		0.0012	0.00335	0.0106	0.00237	0.0012
Cobalt	7440-48-4	mg/L	12/20/2023						0.000658
Cobalt	7440-48-4	mg/L	3/20/2024						0.000881
Cobalt	7440-48-4	mg/L	4/29/2024		0.207	0.00239	0.00152	<0.0005	0.0633
Cobalt	7440-48-4	mg/L	10/11/2024		0.0179	0.00192	0.00456	0.00511	0.000769
Cobalt	7440-48-4	mg/L	2/25/2025						0.000711
Cobalt	7440-48-4	mg/L	4/30/2025		0.00990	0.0133	0.00104	0.000990	0.000324
Cobalt	7440-48-4	mg/L	10/22/2025		0.000281	0.00249	0.00107	0.00398	0.00372
Cobalt	7440-48-4	mg/L	2/17/2026					0.000310	
Cobalt	7440-48-4	mg/L	2/17/2026						0.000280
Cobalt	7440-48-4	mg/L	5/4/2026						0.000541
Cobalt	7440-48-4	mg/L	5/4/2026		0.00223				
Cobalt	7440-48-4	mg/L	5/4/2026			0.00336			
Cobalt	7440-48-4	mg/L	5/4/2026				<0.00100		
Cobalt	7440-48-4	mg/L	5/4/2026					0.000500	
Copper	7440-50-8	mg/L	4/14/2009	<0.025	<0.025	<0.025			
Copper	7440-50-8	mg/L	7/7/2009		<0.025	<0.025			
Copper	7440-50-8	mg/L	9/2/2009		<0.025	<0.025			
Copper	7440-50-8	mg/L	10/25/2009	<0.025	<0.025	<0.025			
Copper	7440-50-8	mg/L	3/3/2010	<0.025	<0.025	<0.025			
Copper	7440-50-8	mg/L	5/10/2010	<0.02	<0.02	<0.02			
Copper	7440-50-8	mg/L	7/8/2011		<0.025	<0.025			
Copper	7440-50-8	mg/L	8/11/2011		<0.025	<0.025			
Copper	7440-50-8	mg/L	10/13/2011		<0.02	<0.02			
Copper	7440-50-8	mg/L	4/11/2012		<0.02	<0.02	<0.02	<0.02	
Copper	7440-50-8	mg/L	8/1/2012		<0.02	<0.02			
Copper	7440-50-8	mg/L	10/11/2012			<0.02			
Copper	7440-50-8	mg/L	12/13/2012				<0.02		
Copper	7440-50-8	mg/L	3/30/2013	<0.02			<0.02		
Copper	7440-50-8	mg/L	10/5/2015			<0.002			
Copper	7440-50-8	mg/L	4/4/2016			<0.005			
Copper	7440-50-8	mg/L	10/17/2016		<0.005				
Copper	7440-50-8	mg/L	4/17/2017					<0.005	
Copper	7440-50-8	mg/L	10/11/2017		<0.005	<0.005	<0.005	<0.005	
Copper	7440-50-8	mg/L	3/15/2018		<0.005	<0.005	<0.005	<0.005	
Copper	7440-50-8	mg/L	4/26/2018		0.00171J	<0.005	<0.005	<0.02	
Copper	7440-50-8	mg/L	10/16/2018		0.00896	0.0112	0.00505	0.00498	
Copper	7440-50-8	mg/L	4/16/2019		<0.005	<0.005	<0.005	<0.005	
Copper	7440-50-8	mg/L	10/1/2019		<0.005	<0.005	<0.005	<0.005	
Copper	7440-50-8	mg/L	3/30/2020		<0.005	<0.005	<0.005	<0.005	
Copper	7440-50-8	mg/L	10/7/2020		<0.005	<0.005	0.053	<0.005	
Copper	7440-50-8	mg/L	4/13/2021		<0.004	<0.004	<0.004	<0.004	
Copper	7440-50-8	mg/L	10/20/2021		<0.004	<0.004	0.0052	<0.004	
Copper	7440-50-8	mg/L	5/2/2022		<0.004	<0.004	<0.004	<0.004	
Copper	7440-50-8	mg/L	5/1/2023		<0.005	<0.005	<0.005	<0.005	
Copper	7440-50-8	mg/L	10/16/2023		0.00299J	<0.005	<0.005	0.00395J	<0.005
Copper	7440-50-8	mg/L	12/20/2023						<0.005
Copper	7440-50-8	mg/L	3/20/2024						<0.005
Copper	7440-50-8	mg/L	4/29/2024		<0.005	<0.005	<0.005	<0.005	<0.005
Copper	7440-50-8	mg/L	10/11/2024		0.00956	<0.00500	0.00320	0.00458	<0.00500
Copper	7440-50-8	mg/L	2/25/2025						0.00980

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Copper	7440-50-8	mg/L	4/30/2025		0.0114	0.0179	<0.00500	<0.00500	<0.00500
Copper	7440-50-8	mg/L	10/22/2025		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Copper	7440-50-8	mg/L	5/4/2026						0.000650
Copper	7440-50-8	mg/L	5/4/2026		0.00111				
Copper	7440-50-8	mg/L	5/4/2026			<0.00200			
Copper	7440-50-8	mg/L	5/4/2026				<0.00200		
Copper	7440-50-8	mg/L	5/4/2026					0.000623	
Cyanide	57-12-5	mg/L	5/10/2010	<0.01	<0.01	<0.01			
Delta-BHC	319-86-8	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Di-n-butyl phthalate	84-74-2	ug/L	5/10/2010	<10	<10	<10			
Di-n-octyl phthalate	117-84-0	ug/L	5/10/2010	<10	<10	<10			
Diallate	2303-16-4	ug/L	5/10/2010	<10	<10	<10			
Dibenz [a,h] anthracene	53-70-3	ug/L	5/10/2010	<10	<10	<10			
Dibenzofuran	132-64-9	ug/L	5/10/2010	<10	<10	<10			
Dibromomethane	74-95-3	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
Dibromomethane	74-95-3	ug/L	2/25/2025						<1.00
Dibromomethane	74-95-3	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Dibromomethane	74-95-3	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Dibromomethane	74-95-3	ug/L	5/4/2026						<1.00
Dibromomethane	74-95-3	ug/L	5/4/2026		<1.00				
Dibromomethane	74-95-3	ug/L	5/4/2026			<1.00			
Dibromomethane	74-95-3	ug/L	5/4/2026				<1.00		
Dibromomethane	74-95-3	ug/L	5/4/2026					<1.00	
Dichlorodifluoromethane	75-71-8	ug/L	5/10/2010	<3	<3	<3			
Dichlorodifluoromethane	75-71-8	ug/L	2/25/2025						<3.00
Dieldrin	60-57-1	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Diethyl phthalate	84-66-2	ug/L	5/10/2010	<10	<10	<10			
Dimethoate	60-51-5	ug/L	5/10/2010	<10	<10	<10			
Dimethyl phthalate	131-11-3	ug/L	5/10/2010	<10	<10	<10			
Dimethylaminoazobenzene	60-11-7	ug/L	5/10/2010	<10	<10	<10			
Dinoseb	88-85-7	ug/L	5/10/2010	<10	<10	<10			
Diphenylamine	122-39-4	ug/L	5/10/2010	<10	<10	<10			
Disulfoton	298-04-4	ug/L	5/10/2010	<10	<10	<10			
Endosulfan I	959-98-8	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Endosulfan II	33213-65-9	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Endosulfan sulfate	1031-07-8	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Endrin	72-20-8	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Endrin aldehyde	7421-93-4	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Ethyl Methacrylate	97-63-2	ug/L	5/10/2010	<20	<20	<20			
Ethyl Methanesulfonate	62-50-0	ug/L	5/10/2010	<10	<10	<10			
Ethylbenzene	100-41-4	ug/L	4/14/2009	<1	<1	<1			
Ethylbenzene	100-41-4	ug/L	7/7/2009		<1	<1			
Ethylbenzene	100-41-4	ug/L	9/2/2009		<1	<1			
Ethylbenzene	100-41-4	ug/L	10/25/2009	<2	<2	<2			
Ethylbenzene	100-41-4	ug/L	3/3/2010	<1	<1	<1			
Ethylbenzene	100-41-4	ug/L	5/10/2010	<1	<1	<1			
Ethylbenzene	100-41-4	ug/L	7/8/2011		<1	<1			
Ethylbenzene	100-41-4	ug/L	8/11/2011		<1	<1			
Ethylbenzene	100-41-4	ug/L	10/13/2011		<1	<1			
Ethylbenzene	100-41-4	ug/L	4/11/2012		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	8/1/2012		<1	<1			
Ethylbenzene	100-41-4	ug/L	10/11/2012			<1			
Ethylbenzene	100-41-4	ug/L	12/13/2012				136		
Ethylbenzene	100-41-4	ug/L	3/30/2013	<1			34.8		
Ethylbenzene	100-41-4	ug/L	10/5/2015			15.7			
Ethylbenzene	100-41-4	ug/L	4/4/2016			<1			
Ethylbenzene	100-41-4	ug/L	10/17/2016		<1				
Ethylbenzene	100-41-4	ug/L	4/17/2017					<1	

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Ethylbenzene	100-41-4	ug/L	10/11/2017		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	3/15/2018		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	4/26/2018		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	10/16/2018		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	4/16/2019		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	10/1/2019		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	3/30/2020		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	10/7/2020		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	4/13/2021		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	10/20/2021		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	5/2/2022		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	5/1/2023		<1	<1	<1	<1	
Ethylbenzene	100-41-4	ug/L	8/1/2023			<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/16/2023		<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	12/20/2023						<1
Ethylbenzene	100-41-4	ug/L	3/20/2024						<1
Ethylbenzene	100-41-4	ug/L	4/29/2024		<1	<1	<1	<1	<1
Ethylbenzene	100-41-4	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	100-41-4	ug/L	2/25/2025						<1.00
Ethylbenzene	100-41-4	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	100-41-4	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Ethylbenzene	100-41-4	ug/L	5/4/2026						<1.00
Ethylbenzene	100-41-4	ug/L	5/4/2026		<1.00				
Ethylbenzene	100-41-4	ug/L	5/4/2026			<1.00			
Ethylbenzene	100-41-4	ug/L	5/4/2026				<1.00		
Ethylbenzene	100-41-4	ug/L	5/4/2026					<1.00	
Famphur	52-85-7	ug/L	5/10/2010	<20	<20	<20			
Fluoranthene	206-44-0	ug/L	5/10/2010	<10	<10	<10			
Fluorene	86-73-7	ug/L	5/10/2010	<10	<10	<10			
Gamma-BHC [Lindane]	58-89-9	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Gamma-Chlordane	5566-34-7	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Heptachlor	76-44-8	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Heptachlor Epoxide	1024-57-3	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Hexachlorobenzene	118-74-1	ug/L	5/10/2010	<10	<10	<10			
Hexachlorobutadiene	87-68-3	ug/L	5/10/2010	<10	<10	<10			
Hexachlorocyclopentadiene	77-47-4	ug/L	5/10/2010	<10	<10	<10			
Hexachloroethane	67-72-1	ug/L	5/10/2010	<10	<10	<10			
Hexachloropropene	1888-71-7	ug/L	5/10/2010	<10	<10	<10			
Indeno [1,2,3-cd] pyrene	193-39-5	ug/L	5/10/2010	<10	<10	<10			
Iodomethane	74-88-4	ug/L	4/14/2009	<10	<10	<10			
Iodomethane	74-88-4	ug/L	7/7/2009		<20	<10			
Iodomethane	74-88-4	ug/L	9/2/2009		<20	<20			
Iodomethane	74-88-4	ug/L	10/25/2009	<10	<10	<10			
Iodomethane	74-88-4	ug/L	3/3/2010	<10	<10	<10			
Iodomethane	74-88-4	ug/L	5/10/2010	<10	<10	<10			
Iodomethane	74-88-4	ug/L	7/8/2011		<10	<10			
Iodomethane	74-88-4	ug/L	8/11/2011		<10	<10			
Iodomethane	74-88-4	ug/L	10/13/2011		<20	<20			
Iodomethane	74-88-4	ug/L	4/11/2012		<10	<10	<10	<10	
Iodomethane	74-88-4	ug/L	8/1/2012		<10	<10			
Iodomethane	74-88-4	ug/L	10/11/2012			<10			
Iodomethane	74-88-4	ug/L	12/13/2012				<250		
Iodomethane	74-88-4	ug/L	3/30/2013	<10			<10		
Iodomethane	74-88-4	ug/L	10/5/2015			<100			
Iodomethane	74-88-4	ug/L	4/4/2016			<10			
Iodomethane	74-88-4	ug/L	10/17/2016		<10				
Iodomethane	74-88-4	ug/L	4/17/2017					<10	
Iodomethane	74-88-4	ug/L	10/11/2017		<10	<10	<10	<10	

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Iodomethane	74-88-4	ug/L	3/15/2018		<10	<10	<10	<10	
Iodomethane	74-88-4	ug/L	4/26/2018		<10	<10	<10	<10	
Iodomethane	74-88-4	ug/L	10/16/2018		<10	<10	<10	<10	
Iodomethane	74-88-4	ug/L	4/16/2019		<10	<10	<10	<10	
Iodomethane	74-88-4	ug/L	10/1/2019		<10	<10	<10	<10	
Iodomethane	74-88-4	ug/L	3/30/2020		<10	<10	<10	<10	
Iodomethane	74-88-4	ug/L	10/7/2020		<10	<10	<10	<10	
Iodomethane	74-88-4	ug/L	4/13/2021		<1	<1	<1	<1	
Iodomethane	74-88-4	ug/L	10/20/2021		<1	<1	<1	<1	
Iodomethane	74-88-4	ug/L	5/2/2022		<1	<1	<1	<1	
Iodomethane	74-88-4	ug/L	5/1/2023		<10	<10	<10	<10	
Iodomethane	74-88-4	ug/L	8/1/2023			<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/16/2023		<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	12/20/2023						<10
Iodomethane	74-88-4	ug/L	3/20/2024						<10
Iodomethane	74-88-4	ug/L	4/29/2024		<10	<10	<10	<10	<10
Iodomethane	74-88-4	ug/L	10/11/2024		<10.0	<10.0	<10.0	<10.0	<10.0
Iodomethane	74-88-4	ug/L	2/25/2025						<10.0
Iodomethane	74-88-4	ug/L	4/30/2025		<10.0	<10.0	<10.0	<10.0	<10.0
Iodomethane	74-88-4	ug/L	10/22/2025		<10.0	<10.0	<10.0	<10.0	<10.0
Iodomethane	74-88-4	ug/L	5/4/2026						<10.0
Iodomethane	74-88-4	ug/L	5/4/2026		<10.0				
Iodomethane	74-88-4	ug/L	5/4/2026			<10.0			
Iodomethane	74-88-4	ug/L	5/4/2026				<10.0		
Iodomethane	74-88-4	ug/L	5/4/2026					<10.0	
Isobutanol	78-83-1	mg/L	5/10/2010	<10	<10	<10			
Isodrin	465-73-6	ug/L	5/10/2010	<10	<10	<10			
Isophorone	78-59-1	ug/L	5/10/2010	<10	<10	<10			
Isosafrole	120-58-1	ug/L	5/10/2010	<10	<10	<10			
Kepone	143-50-0	ug/L	5/10/2010	<10	<10	<10			
Lead	7439-92-1	mg/L	4/14/2009	<0.005	<0.005	<0.005			
Lead	7439-92-1	mg/L	7/7/2009		<0.005	<0.005			
Lead	7439-92-1	mg/L	9/2/2009		<0.005	<0.005			
Lead	7439-92-1	mg/L	10/25/2009	<0.005	<0.005	<0.005			
Lead	7439-92-1	mg/L	3/3/2010	<0.005	<0.005	<0.005			
Lead	7439-92-1	mg/L	5/10/2010	0.0036	<0.002	<0.002			
Lead	7439-92-1	mg/L	7/8/2010	<0.005					
Lead	7439-92-1	mg/L	7/8/2011		<0.005	<0.005			
Lead	7439-92-1	mg/L	8/11/2011		<0.005	<0.005			
Lead	7439-92-1	mg/L	10/13/2011		<0.004	<0.004			
Lead	7439-92-1	mg/L	4/11/2012		<0.004	<0.004	<0.004	<0.004	
Lead	7439-92-1	mg/L	8/1/2012		<0.004	<0.004			
Lead	7439-92-1	mg/L	10/11/2012			<0.004			
Lead	7439-92-1	mg/L	12/13/2012				<0.004		
Lead	7439-92-1	mg/L	3/30/2013	<0.004			0.0181		
Lead	7439-92-1	mg/L	10/5/2015			0.000398J			
Lead	7439-92-1	mg/L	4/4/2016			<0.0005			
Lead	7439-92-1	mg/L	10/17/2016		<0.0005				
Lead	7439-92-1	mg/L	4/17/2017					<0.0005	
Lead	7439-92-1	mg/L	10/11/2017		0.000698	<0.0005	<0.0005	0.000645	
Lead	7439-92-1	mg/L	3/15/2018		0.00065	<0.0005	<0.0005	0.000411J	
Lead	7439-92-1	mg/L	4/26/2018		0.000529	<0.0005	<0.0005	<0.0005	
Lead	7439-92-1	mg/L	10/16/2018		0.00725	0.00754	0.00354	0.00281	
Lead	7439-92-1	mg/L	4/16/2019		0.000421J	<0.0005	<0.0005	<0.0005	
Lead	7439-92-1	mg/L	10/1/2019		<0.0005	0.000344J	<0.0005	<0.0005	
Lead	7439-92-1	mg/L	3/30/2020		<0.0005	<0.0005	<0.0005	<0.0005	
Lead	7439-92-1	mg/L	10/7/2020		0.000522	0.000575	0.0321	0.000206J	
Lead	7439-92-1	mg/L	4/13/2021		<0.004	<0.004	<0.004	<0.004	

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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Lead	7439-92-1	mg/L	10/20/2021		<0.004	<0.004	<0.004	<0.004	
Lead	7439-92-1	mg/L	5/2/2022		<0.004	<0.004	<0.004	<0.004	
Lead	7439-92-1	mg/L	5/1/2023		<0.0005	<0.0005	<0.0005	<0.0005	
Lead	7439-92-1	mg/L	10/16/2023		0.00122	<0.0005	<0.0005	0.00174	<0.0005
Lead	7439-92-1	mg/L	12/20/2023						<0.0005
Lead	7439-92-1	mg/L	3/20/2024						<0.0005
Lead	7439-92-1	mg/L	4/29/2024		0.000584	<0.0005	<0.0005	<0.0005	<0.0005
Lead	7439-92-1	mg/L	10/11/2024		0.00597	0.000334	0.00162	0.00269	<0.000500
Lead	7439-92-1	mg/L	2/25/2025						0.00148
Lead	7439-92-1	mg/L	4/30/2025		0.00711	0.0114	<0.000500	<0.000500	<0.000500
Lead	7439-92-1	mg/L	10/22/2025		<0.000500	<0.000500	<0.000500	<0.000500	<0.000500
Lead	7439-92-1	mg/L	5/4/2026						<0.000500
Lead	7439-92-1	mg/L	5/4/2026		<0.000500				
Lead	7439-92-1	mg/L	5/4/2026			<0.000500			
Lead	7439-92-1	mg/L	5/4/2026				<0.000500		
Lead	7439-92-1	mg/L	5/4/2026					<0.000500	
Magnesium	7439-95-4	mg/L	3/15/2018		76.7	84.6	86.2	119	
Mercury	7439-97-6	mg/L	5/10/2010	<0.0002	<0.0002	<0.0002			
Methacrylonitrile	126-98-7	ug/L	5/10/2010	<1	<1	<1			
Methapyrilene	91-80-5	ug/L	5/10/2010	<10	<10	<10			
Methoxychlor	72-43-5	ug/L	5/10/2010	<0.032	<0.032	<0.032			
Methyl Methacrylate	80-62-6	ug/L	5/10/2010	<5	<5	<5			
Methyl Methanesulfonate	66-27-3	ug/L	5/10/2010	<10	<10	<10			
Methylene Bromide	74-95-3	ug/L	4/14/2009	<1	<1	<1			
Methylene Bromide	74-95-3	ug/L	7/7/2009		<1	<1			
Methylene Bromide	74-95-3	ug/L	9/2/2009		<1	<1			
Methylene Bromide	74-95-3	ug/L	10/25/2009	<2	<2	<2			
Methylene Bromide	74-95-3	ug/L	3/3/2010	<1	<1	<1			
Methylene Bromide	74-95-3	ug/L	5/10/2010	<1	<1	<1			
Methylene Bromide	74-95-3	ug/L	7/8/2011		<1	<1			
Methylene Bromide	74-95-3	ug/L	8/11/2011		<1	<1			
Methylene Bromide	74-95-3	ug/L	10/13/2011		<1	<1			
Methylene Bromide	74-95-3	ug/L	4/11/2012		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	8/1/2012		<1	<1			
Methylene Bromide	74-95-3	ug/L	10/11/2012			<1			
Methylene Bromide	74-95-3	ug/L	12/13/2012				<25		
Methylene Bromide	74-95-3	ug/L	3/30/2013	<1			<1		
Methylene Bromide	74-95-3	ug/L	10/5/2015			<10			
Methylene Bromide	74-95-3	ug/L	4/4/2016			<1			
Methylene Bromide	74-95-3	ug/L	10/17/2016		<1				
Methylene Bromide	74-95-3	ug/L	4/17/2017					<1	
Methylene Bromide	74-95-3	ug/L	10/11/2017		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	3/15/2018		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	4/26/2018		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	10/16/2018		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	4/16/2019		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	10/1/2019		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	3/30/2020		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	10/7/2020		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	4/13/2021		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	10/20/2021		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	5/2/2022		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	5/1/2023		<1	<1	<1	<1	
Methylene Bromide	74-95-3	ug/L	8/1/2023			<1	<1	<1	<1
Methylene Bromide	74-95-3	ug/L	10/16/2023		<1	<1	<1	<1	<1
Methylene Bromide	74-95-3	ug/L	12/20/2023						<1
Methylene Bromide	74-95-3	ug/L	3/20/2024						<1
Methylene Bromide	74-95-3	ug/L	4/29/2024		<1	<1	<1	<1	<1

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Methylene Chloride	75-09-2	ug/L	4/14/2009	<5	<5	<5			
Methylene Chloride	75-09-2	ug/L	7/7/2009		<5	<5			
Methylene Chloride	75-09-2	ug/L	9/2/2009		<5	<5			
Methylene Chloride	75-09-2	ug/L	10/25/2009	<5	<5	<5			
Methylene Chloride	75-09-2	ug/L	3/3/2010	<5	<5	<5			
Methylene Chloride	75-09-2	ug/L	5/10/2010	<5	<5	<5			
Methylene Chloride	75-09-2	ug/L	7/8/2011		<5	<5			
Methylene Chloride	75-09-2	ug/L	8/11/2011		<5	<5			
Methylene Chloride	75-09-2	ug/L	10/13/2011		<5	<5			
Methylene Chloride	75-09-2	ug/L	4/11/2012		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	8/1/2012		<5	<5			
Methylene Chloride	75-09-2	ug/L	10/11/2012			<5			
Methylene Chloride	75-09-2	ug/L	12/13/2012				<125		
Methylene Chloride	75-09-2	ug/L	3/30/2013	<5			<5		
Methylene Chloride	75-09-2	ug/L	10/5/2015			25.5J			
Methylene Chloride	75-09-2	ug/L	4/4/2016			<5			
Methylene Chloride	75-09-2	ug/L	10/17/2016		0.462J				
Methylene Chloride	75-09-2	ug/L	4/17/2017					<5	
Methylene Chloride	75-09-2	ug/L	10/11/2017		0.247J	<5	0.241J	0.267J	
Methylene Chloride	75-09-2	ug/L	3/15/2018		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	4/26/2018		0.327J	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	10/16/2018		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	4/16/2019		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	10/1/2019		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	3/30/2020		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	10/7/2020		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	4/13/2021		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	10/20/2021		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	5/2/2022		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	5/1/2023		<5	<5	<5	<5	
Methylene Chloride	75-09-2	ug/L	8/1/2023			<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/16/2023		<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	12/20/2023						<5
Methylene Chloride	75-09-2	ug/L	3/20/2024						<5
Methylene Chloride	75-09-2	ug/L	4/29/2024		<5	<5	<5	<5	<5
Methylene Chloride	75-09-2	ug/L	10/11/2024		<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	75-09-2	ug/L	2/25/2025						<5.00
Methylene Chloride	75-09-2	ug/L	4/30/2025		<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	75-09-2	ug/L	10/22/2025		<5.00	<5.00	<5.00	<5.00	<5.00
Methylene Chloride	75-09-2	ug/L	5/4/2026						<5.00
Methylene Chloride	75-09-2	ug/L	5/4/2026		<5.00				
Methylene Chloride	75-09-2	ug/L	5/4/2026			<5.00			
Methylene Chloride	75-09-2	ug/L	5/4/2026				<5.00		
Methylene Chloride	75-09-2	ug/L	5/4/2026					<5.00	
N-Nitrosodi-n-butylamine	924-16-3	ug/L	5/10/2010	<10	<10	<10			
N-Nitrosodi-n-propylamine	621-64-7	ug/L	5/10/2010	<10	<10	<10			
N-Nitrosodiethylamine	55-18-5	ug/L	5/10/2010	<10	<10	<10			
N-Nitrosodimethylamine	62-75-9	ug/L	5/10/2010	<10	<10	<10			
N-Nitrosodiphenylamine	86-30-6	ug/L	5/10/2010	<10	<10	<10			
N-Nitrosomethylethalamine	10595-95-6	ug/L	5/10/2010	<10	<10	<10			
N-Nitrosopiperidine	100-75-4	ug/L	5/10/2010	<10	<10	<10			
N-Nitrosopyrrolidine	930-55-2	ug/L	5/10/2010	<10	<10	<10			
Naphthalene	91-20-3	ug/L	5/10/2010	<5	<5	<5			
Nickel	7440-02-0	mg/L	4/14/2009	0.01	0.011	<0.01			
Nickel	7440-02-0	mg/L	7/7/2009		0.011	<0.01			
Nickel	7440-02-0	mg/L	9/2/2009		0.014	<0.01			
Nickel	7440-02-0	mg/L	10/25/2009	<0.01	0.012	<0.01			
Nickel	7440-02-0	mg/L	3/3/2010	<0.01	<0.01	<0.01			

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Nickel	7440-02-0	mg/L	5/10/2010	<0.05	<0.05	<0.05			
Nickel	7440-02-0	mg/L	7/8/2011		0.011	0.012			
Nickel	7440-02-0	mg/L	8/11/2011		<0.01	0.013			
Nickel	7440-02-0	mg/L	10/13/2011		<0.05	<0.05			
Nickel	7440-02-0	mg/L	4/11/2012		<0.05	<0.05	<0.05	<0.05	
Nickel	7440-02-0	mg/L	8/1/2012		<0.05	0.0676			
Nickel	7440-02-0	mg/L	10/11/2012			<0.05			
Nickel	7440-02-0	mg/L	12/13/2012				0.183		
Nickel	7440-02-0	mg/L	3/30/2013	<0.05			<0.05		
Nickel	7440-02-0	mg/L	10/5/2015			0.094			
Nickel	7440-02-0	mg/L	4/4/2016			0.00319J			
Nickel	7440-02-0	mg/L	10/17/2016		0.00449J				
Nickel	7440-02-0	mg/L	4/17/2017					0.00483J	
Nickel	7440-02-0	mg/L	10/11/2017		0.00831	0.00944	0.00825	0.0275	
Nickel	7440-02-0	mg/L	3/15/2018		0.00436J	0.00904	0.00506	0.0114	
Nickel	7440-02-0	mg/L	4/26/2018		0.00489J	0.00679	0.00494J	<0.02	
Nickel	7440-02-0	mg/L	10/16/2018		0.0159	0.0196	0.0152	0.00913	
Nickel	7440-02-0	mg/L	4/16/2019		0.00631	0.00731	0.00257J	0.0134	
Nickel	7440-02-0	mg/L	10/1/2019		0.0256	0.0037J	0.00176J	0.00241J	
Nickel	7440-02-0	mg/L	3/30/2020		0.00402J	0.00861	0.00218J	0.00404J	
Nickel	7440-02-0	mg/L	10/7/2020		0.00682	0.00837	0.134	0.00403J	
Nickel	7440-02-0	mg/L	4/13/2021		0.002J	0.0066	0.0009J	0.014	
Nickel	7440-02-0	mg/L	10/20/2021		<0.004	0.0015J	0.0038J	0.0033J	
Nickel	7440-02-0	mg/L	5/2/2022		0.0029J	0.0042	0.002J	0.0023J	
Nickel	7440-02-0	mg/L	5/1/2023		<0.005	0.00893	0.00519	0.00545	
Nickel	7440-02-0	mg/L	10/16/2023		0.00405J	0.00438J	0.00871	0.0192	0.0136
Nickel	7440-02-0	mg/L	12/20/2023						0.00879
Nickel	7440-02-0	mg/L	3/20/2024						0.00488J
Nickel	7440-02-0	mg/L	4/29/2024		0.129	0.00269J	0.00511	0.0111	0.0483
Nickel	7440-02-0	mg/L	10/11/2024		0.0143	0.00250	0.00710	0.0336	0.0194
Nickel	7440-02-0	mg/L	2/25/2025						0.00421J
Nickel	7440-02-0	mg/L	4/30/2025		0.0140	0.0209	<0.00500	0.00475	0.00304
Nickel	7440-02-0	mg/L	10/22/2025		<0.00500	0.00371	0.00449	0.0247	0.0232
Nickel	7440-02-0	mg/L	5/4/2026						0.0102
Nickel	7440-02-0	mg/L	5/4/2026		0.00396				
Nickel	7440-02-0	mg/L	5/4/2026			0.00383			
Nickel	7440-02-0	mg/L	5/4/2026				0.00244		
Nickel	7440-02-0	mg/L	5/4/2026					0.0122	
Nitrobenzene	98-95-3	ug/L	5/10/2010	<10	<10	<10			
O,O,O-Triethyl Phosphorothioate	126-68-1	ug/L	5/10/2010	<10	<10	<10			
O-Toluidine	95-53-4	ug/L	5/10/2010	<10	<10	<10			
PCB-1016	12674-11-2	ug/L	5/10/2010	<0.8	<0.8	<0.8			
PCB-1221	11104-28-2	ug/L	5/10/2010	<0.8	<0.8	<0.8			
PCB-1232	11141-16-5	ug/L	5/10/2010	<0.8	<0.8	<0.8			
PCB-1242	53469-21-9	ug/L	5/10/2010	<0.8	<0.8	<0.8			
PCB-1248	12672-29-6	ug/L	5/10/2010	<0.8	<0.8	<0.8			
PCB-1254	11097-69-1	ug/L	5/10/2010	<0.8	<0.8	<0.8			
PCB-1260	11096-82-5	ug/L	5/10/2010	<0.8	<0.8	<0.8			
Parathion-Ethyl	56-38-2	ug/L	5/10/2010	<10	<10	<10			
Parathion-Methyl	298-00-0	ug/L	5/10/2010	<10	<10	<10			
Pentachlorobenzene	608-93-5	ug/L	5/10/2010	<10	<10	<10			
Pentachloronitrobenzene	82-68-8	ug/L	5/10/2010	<10	<10	<10			
Pentachlorophenol [2C]	87-86-5	ug/L	5/10/2010	<10	<10	<10			
Phenacetin	62-44-2	ug/L	5/10/2010	<10	<10	<10			
Phenanthrene	85-01-8	ug/L	5/10/2010	<10	<10	<10			
Phenol	108-95-2	ug/L	5/10/2010	<10	<10	<10			
Phorate	298-02-2	ug/L	5/10/2010	<10	<10	<10			
Potassium	7440-09-7	mg/L	3/15/2018		2.84	2	3.18	4.15	

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Pronamide	23950-58-5	ug/L	5/10/2010	<10	<10	<10			
Propionitrile	107-12-0	ug/L	5/10/2010	<10	<10	<10			
Pyrene	129-00-0	ug/L	5/10/2010	<10	<10	<10			
Safrole	94-59-7	ug/L	5/10/2010	<10	<10	<10			
Selenium	7782-49-2	mg/L	4/14/2009	<0.01	<0.01	<0.01			
Selenium	7782-49-2	mg/L	7/7/2009		<0.01	<0.01			
Selenium	7782-49-2	mg/L	9/2/2009		<0.01	<0.01			
Selenium	7782-49-2	mg/L	10/25/2009	<0.01	<0.01	<0.01			
Selenium	7782-49-2	mg/L	3/3/2010	<0.01	<0.01	<0.01			
Selenium	7782-49-2	mg/L	5/10/2010	0.0029	0.0029	0.002			
Selenium	7782-49-2	mg/L	7/8/2010	<0.01	<0.01	<0.01			
Selenium	7782-49-2	mg/L	7/8/2011		<0.01	<0.01			
Selenium	7782-49-2	mg/L	8/11/2011		<0.01	<0.01			
Selenium	7782-49-2	mg/L	10/13/2011		<0.005	<0.005			
Selenium	7782-49-2	mg/L	4/11/2012		<0.005	<0.005	<0.005	<0.005	
Selenium	7782-49-2	mg/L	8/1/2012		<0.005	<0.005			
Selenium	7782-49-2	mg/L	10/11/2012			<0.005			
Selenium	7782-49-2	mg/L	12/13/2012				<0.005		
Selenium	7782-49-2	mg/L	3/30/2013	<0.005			<0.005		
Selenium	7782-49-2	mg/L	10/5/2015			<0.005			
Selenium	7782-49-2	mg/L	4/4/2016			<0.005			
Selenium	7782-49-2	mg/L	10/17/2016		0.00103J				
Selenium	7782-49-2	mg/L	4/17/2017					<0.005	
Selenium	7782-49-2	mg/L	10/11/2017		<0.005	<0.005	<0.005	<0.005	
Selenium	7782-49-2	mg/L	3/15/2018		<0.005	<0.005	<0.005	<0.005	
Selenium	7782-49-2	mg/L	4/26/2018		0.00233J	<0.005	<0.005	0.00457J	
Selenium	7782-49-2	mg/L	10/16/2018		<0.0025	<0.0025	<0.0025	<0.0025	
Selenium	7782-49-2	mg/L	4/16/2019		<0.005	<0.005	<0.005	<0.005	
Selenium	7782-49-2	mg/L	10/1/2019		<0.005	<0.005	<0.005	<0.005	
Selenium	7782-49-2	mg/L	3/30/2020		<0.005	<0.005	<0.005	<0.005	
Selenium	7782-49-2	mg/L	10/7/2020		0.00221	0.00178	0.0311	0.00148J	
Selenium	7782-49-2	mg/L	4/13/2021		<0.004	<0.004	<0.004	<0.004	
Selenium	7782-49-2	mg/L	10/20/2021		<0.004	<0.004	<0.004	<0.004	
Selenium	7782-49-2	mg/L	5/2/2022		<0.004	<0.004	<0.004	<0.004	
Selenium	7782-49-2	mg/L	5/1/2023		<0.005	<0.005	0.00154J	<0.005	
Selenium	7782-49-2	mg/L	10/16/2023		<0.005	<0.005	<0.005	0.00148J	<0.005
Selenium	7782-49-2	mg/L	12/20/2023						0.0017J
Selenium	7782-49-2	mg/L	3/20/2024						<0.005
Selenium	7782-49-2	mg/L	4/29/2024		<0.005	<0.005	<0.005	<0.005	<0.005
Selenium	7782-49-2	mg/L	10/11/2024		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Selenium	7782-49-2	mg/L	2/25/2025						0.0171
Selenium	7782-49-2	mg/L	4/30/2025		<0.00500	0.00205	<0.00500	<0.00500	<0.00500
Selenium	7782-49-2	mg/L	10/22/2025		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Selenium	7782-49-2	mg/L	5/4/2026						<0.00250
Selenium	7782-49-2	mg/L	5/4/2026		<0.00250				
Selenium	7782-49-2	mg/L	5/4/2026			<0.00250			
Selenium	7782-49-2	mg/L	5/4/2026				<0.00250		
Selenium	7782-49-2	mg/L	5/4/2026					<0.00250	
Silver	7440-22-4	mg/L	4/14/2009	<0.01	<0.01	<0.01			
Silver	7440-22-4	mg/L	7/7/2009		<0.01	<0.01			
Silver	7440-22-4	mg/L	9/2/2009		<0.01	<0.01			
Silver	7440-22-4	mg/L	10/25/2009	<0.025	<0.025	<0.025			
Silver	7440-22-4	mg/L	3/3/2010	<0.025	<0.025	<0.025			
Silver	7440-22-4	mg/L	5/10/2010	<0.02	<0.02	<0.02			
Silver	7440-22-4	mg/L	7/8/2011		<0.025	<0.025			
Silver	7440-22-4	mg/L	8/11/2011		<0.025	<0.025			
Silver	7440-22-4	mg/L	10/13/2011		<0.02	<0.02			
Silver	7440-22-4	mg/L	4/11/2012		<0.02	<0.02	<0.02	<0.02	

Table 9B
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Silver	7440-22-4	mg/L	8/1/2012		<0.02	<0.02			
Silver	7440-22-4	mg/L	10/11/2012			<0.02			
Silver	7440-22-4	mg/L	12/13/2012				<0.02		
Silver	7440-22-4	mg/L	3/30/2013	<0.02			<0.02		
Silver	7440-22-4	mg/L	10/5/2015			<0.001			
Silver	7440-22-4	mg/L	4/4/2016			<0.001			
Silver	7440-22-4	mg/L	10/17/2016		<0.001				
Silver	7440-22-4	mg/L	4/17/2017					<0.001	
Silver	7440-22-4	mg/L	10/11/2017		<0.001	<0.001	<0.001	<0.001	
Silver	7440-22-4	mg/L	3/15/2018		<0.001	<0.001	<0.001	<0.001	
Silver	7440-22-4	mg/L	4/26/2018		0.00059J	<0.001	<0.001	<0.001	
Silver	7440-22-4	mg/L	10/16/2018		<0.0005	<0.0005	<0.0005	<0.0005	
Silver	7440-22-4	mg/L	4/16/2019		<0.001	<0.001	<0.001	<0.001	
Silver	7440-22-4	mg/L	10/1/2019		<0.001	<0.001	<0.001	<0.001	
Silver	7440-22-4	mg/L	3/30/2020		<0.001	<0.001	<0.001	<0.001	
Silver	7440-22-4	mg/L	10/7/2020		<0.001	<0.001	<0.02	<0.001	
Silver	7440-22-4	mg/L	4/13/2021		<0.004	<0.004	<0.004	<0.004	
Silver	7440-22-4	mg/L	10/20/2021		<0.004	<0.004	<0.004	<0.004	
Silver	7440-22-4	mg/L	5/2/2022		<0.004	<0.004	<0.004	<0.004	
Silver	7440-22-4	mg/L	5/1/2023		<0.001	<0.001	<0.001	<0.001	
Silver	7440-22-4	mg/L	10/16/2023		<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	12/20/2023						<0.001
Silver	7440-22-4	mg/L	3/20/2024						<0.001
Silver	7440-22-4	mg/L	4/29/2024		<0.001	<0.001	<0.001	<0.001	<0.001
Silver	7440-22-4	mg/L	10/11/2024		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Silver	7440-22-4	mg/L	2/25/2025						<0.00100
Silver	7440-22-4	mg/L	4/30/2025		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Silver	7440-22-4	mg/L	10/22/2025		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Silver	7440-22-4	mg/L	5/4/2026						<0.000500
Silver	7440-22-4	mg/L	5/4/2026		<0.000500				
Silver	7440-22-4	mg/L	5/4/2026			<0.000500			
Silver	7440-22-4	mg/L	5/4/2026				<0.000500		
Silver	7440-22-4	mg/L	5/4/2026					<0.000500	
Sodium	7440-23-5	mg/L	3/15/2018		29.5	22	23.9	29.9	
Styrene	100-42-5	ug/L	4/14/2009	<1	<1	<1			
Styrene	100-42-5	ug/L	7/7/2009		<1	<1			
Styrene	100-42-5	ug/L	9/2/2009		<1	<1			
Styrene	100-42-5	ug/L	10/25/2009	<2	<2	<2			
Styrene	100-42-5	ug/L	3/3/2010	<2	<2	<2			
Styrene	100-42-5	ug/L	5/10/2010	<4	<4	<4			
Styrene	100-42-5	ug/L	7/8/2011		<1	<1			
Styrene	100-42-5	ug/L	8/11/2011		<1	<1			
Styrene	100-42-5	ug/L	10/13/2011		<1	<1			
Styrene	100-42-5	ug/L	4/11/2012		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	8/1/2012		<1	<1			
Styrene	100-42-5	ug/L	10/11/2012			<1			
Styrene	100-42-5	ug/L	12/13/2012				35		
Styrene	100-42-5	ug/L	3/30/2013	<1			5.54		
Styrene	100-42-5	ug/L	10/5/2015			<10			
Styrene	100-42-5	ug/L	4/4/2016			<1			
Styrene	100-42-5	ug/L	10/17/2016		<1				
Styrene	100-42-5	ug/L	4/17/2017					<1	
Styrene	100-42-5	ug/L	10/11/2017		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	3/15/2018		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	4/26/2018		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	10/16/2018		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	4/16/2019		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	10/1/2019		<1	<1	<1	<1	

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Styrene	100-42-5	ug/L	3/30/2020		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	10/7/2020		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	4/13/2021		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	10/20/2021		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	5/2/2022		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	5/1/2023		<1	<1	<1	<1	
Styrene	100-42-5	ug/L	8/1/2023			<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/16/2023		<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	12/20/2023						<1
Styrene	100-42-5	ug/L	3/20/2024						<1
Styrene	100-42-5	ug/L	4/29/2024		<1	<1	<1	<1	<1
Styrene	100-42-5	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
Styrene	100-42-5	ug/L	2/25/2025						<1.00
Styrene	100-42-5	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Styrene	100-42-5	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Styrene	100-42-5	ug/L	5/4/2026						<1.00
Styrene	100-42-5	ug/L	5/4/2026		<1.00				
Styrene	100-42-5	ug/L	5/4/2026			<1.00			
Styrene	100-42-5	ug/L	5/4/2026				<1.00		
Styrene	100-42-5	ug/L	5/4/2026					<1.00	
Sulfate	14808-79-8	mg/L	3/15/2018		183	418	336	889	
Sulfide	18496-25-8	mg/L	5/10/2010	<1	<1	<1			
Tetrachloroethene	127-18-4	ug/L	4/14/2009	<1	<1	<1			
Tetrachloroethene	127-18-4	ug/L	7/7/2009		<1	<1			
Tetrachloroethene	127-18-4	ug/L	9/2/2009		<1	<1			
Tetrachloroethene	127-18-4	ug/L	10/25/2009	<1	<1	<1			
Tetrachloroethene	127-18-4	ug/L	3/3/2010	<2	<2	<2			
Tetrachloroethene	127-18-4	ug/L	5/10/2010	<1	<1	<1			
Tetrachloroethene	127-18-4	ug/L	7/8/2011		<1	<1			
Tetrachloroethene	127-18-4	ug/L	8/11/2011		<1	<1			
Tetrachloroethene	127-18-4	ug/L	10/13/2011		<1	<1			
Tetrachloroethene	127-18-4	ug/L	4/11/2012		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	8/1/2012		<1	<1			
Tetrachloroethene	127-18-4	ug/L	10/11/2012			<1			
Tetrachloroethene	127-18-4	ug/L	12/13/2012				<25		
Tetrachloroethene	127-18-4	ug/L	3/30/2013	<1			<1		
Tetrachloroethene	127-18-4	ug/L	10/5/2015			<10			
Tetrachloroethene	127-18-4	ug/L	4/4/2016			<1			
Tetrachloroethene	127-18-4	ug/L	10/17/2016		<1				
Tetrachloroethene	127-18-4	ug/L	4/17/2017					<1	
Tetrachloroethene	127-18-4	ug/L	10/11/2017		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	3/15/2018		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	4/26/2018		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	10/16/2018		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	4/16/2019		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	10/1/2019		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	3/30/2020		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	10/7/2020		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	4/13/2021		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	10/20/2021		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	5/2/2022		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	5/1/2023		<1	<1	<1	<1	
Tetrachloroethene	127-18-4	ug/L	8/1/2023			<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/16/2023		<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	12/20/2023						<1
Tetrachloroethene	127-18-4	ug/L	3/20/2024						<1
Tetrachloroethene	127-18-4	ug/L	4/29/2024		<1	<1	<1	<1	<1
Tetrachloroethene	127-18-4	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Tetrachloroethene	127-18-4	ug/L	2/25/2025						<1.00
Tetrachloroethene	127-18-4	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene	127-18-4	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene	127-18-4	ug/L	5/4/2026						<1.00
Tetrachloroethene	127-18-4	ug/L	5/4/2026		<1.00				
Tetrachloroethene	127-18-4	ug/L	5/4/2026			<1.00			
Tetrachloroethene	127-18-4	ug/L	5/4/2026				<1.00		
Tetrachloroethene	127-18-4	ug/L	5/4/2026					<1.00	
Thallium	7440-28-0	mg/L	4/14/2009	<0.002	<0.002	<0.002			
Thallium	7440-28-0	mg/L	7/7/2009		<0.002	<0.002			
Thallium	7440-28-0	mg/L	9/2/2009		<0.002	<0.002			
Thallium	7440-28-0	mg/L	10/25/2009	<0.002	<0.002	<0.002			
Thallium	7440-28-0	mg/L	3/3/2010	<0.002	<0.002	<0.002			
Thallium	7440-28-0	mg/L	5/10/2010	<0.0004	<0.0004	<0.0004			
Thallium	7440-28-0	mg/L	7/8/2011		<0.002	<0.002			
Thallium	7440-28-0	mg/L	8/11/2011		<0.002	<0.002			
Thallium	7440-28-0	mg/L	10/13/2011		<0.002	<0.002			
Thallium	7440-28-0	mg/L	4/11/2012		<0.002	<0.002	<0.002	<0.002	
Thallium	7440-28-0	mg/L	8/1/2012		<0.002	0.00251			
Thallium	7440-28-0	mg/L	10/11/2012			<0.002			
Thallium	7440-28-0	mg/L	12/13/2012				<0.002		
Thallium	7440-28-0	mg/L	3/30/2013	<0.002			<0.002		
Thallium	7440-28-0	mg/L	10/5/2015			0.000044J			
Thallium	7440-28-0	mg/L	4/4/2016			<0.001			
Thallium	7440-28-0	mg/L	10/17/2016		<0.001				
Thallium	7440-28-0	mg/L	4/17/2017					<0.001	
Thallium	7440-28-0	mg/L	10/11/2017		<0.001	<0.001	<0.001	<0.001	
Thallium	7440-28-0	mg/L	3/15/2018		<0.001	<0.001	<0.001	<0.001	
Thallium	7440-28-0	mg/L	4/26/2018		<0.001	<0.001	<0.001	<0.001	
Thallium	7440-28-0	mg/L	10/16/2018		<0.002	<0.002	<0.002	<0.002	
Thallium	7440-28-0	mg/L	4/16/2019		<0.001	<0.001	<0.001	<0.001	
Thallium	7440-28-0	mg/L	10/1/2019		<0.001	<0.001	<0.001	<0.001	
Thallium	7440-28-0	mg/L	3/30/2020		<0.001	<0.001	<0.001	<0.001	
Thallium	7440-28-0	mg/L	10/7/2020		<0.001	<0.001	<0.02	<0.001	
Thallium	7440-28-0	mg/L	4/13/2021		<0.002	<0.002	<0.002	<0.002	
Thallium	7440-28-0	mg/L	10/20/2021		0.0002J	0.0002J	<0.002	<0.002	
Thallium	7440-28-0	mg/L	5/2/2022		<0.002	<0.002	<0.002	<0.002	
Thallium	7440-28-0	mg/L	5/1/2023		<0.001	0.00052J	<0.001	<0.001	
Thallium	7440-28-0	mg/L	10/16/2023		<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	12/20/2023						<0.001
Thallium	7440-28-0	mg/L	3/20/2024						<0.001
Thallium	7440-28-0	mg/L	4/29/2024		<0.001	<0.001	<0.001	<0.001	<0.001
Thallium	7440-28-0	mg/L	10/11/2024		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Thallium	7440-28-0	mg/L	2/25/2025						<0.00100
Thallium	7440-28-0	mg/L	4/30/2025		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Thallium	7440-28-0	mg/L	10/22/2025		<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
Thallium	7440-28-0	mg/L	5/4/2026						<0.000400
Thallium	7440-28-0	mg/L	5/4/2026		<0.000400				
Thallium	7440-28-0	mg/L	5/4/2026			<0.000400			
Thallium	7440-28-0	mg/L	5/4/2026				<0.000400		
Thallium	7440-28-0	mg/L	5/4/2026					<0.000400	
Thionazin	297-97-2	ug/L	5/10/2010	<10	<10	<10			
Tin	7440-31-5	mg/L	5/10/2010	<0.1	<0.1	<0.1			
Toluene	108-88-3	ug/L	4/14/2009	<1	<1	<1			
Toluene	108-88-3	ug/L	7/7/2009		<1	<1			
Toluene	108-88-3	ug/L	9/2/2009		<1	<1			
Toluene	108-88-3	ug/L	10/25/2009	<1	<1	<1			
Toluene	108-88-3	ug/L	3/3/2010	<1	<1	<1			

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Toluene	108-88-3	ug/L	5/10/2010	<1	<1	<1			
Toluene	108-88-3	ug/L	7/8/2011		5.98	1.47			
Toluene	108-88-3	ug/L	8/11/2011		6.84	<1			
Toluene	108-88-3	ug/L	10/13/2011		1.12	<1			
Toluene	108-88-3	ug/L	4/11/2012		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	8/1/2012		12.7	1.21			
Toluene	108-88-3	ug/L	10/11/2012			<1			
Toluene	108-88-3	ug/L	12/13/2012				236		
Toluene	108-88-3	ug/L	3/30/2013	<1			65.5		
Toluene	108-88-3	ug/L	10/5/2015			21.7			
Toluene	108-88-3	ug/L	4/4/2016			<1			
Toluene	108-88-3	ug/L	10/17/2016		<1				
Toluene	108-88-3	ug/L	4/17/2017					<1	
Toluene	108-88-3	ug/L	10/11/2017		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	3/15/2018		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	4/26/2018		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	10/16/2018		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	4/16/2019		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	10/1/2019		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	3/30/2020		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	10/7/2020		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	4/13/2021		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	10/20/2021		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	5/2/2022		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	5/1/2023		<1	<1	<1	<1	
Toluene	108-88-3	ug/L	8/1/2023			<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/16/2023		<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	12/20/2023						<1
Toluene	108-88-3	ug/L	3/20/2024						<1
Toluene	108-88-3	ug/L	4/29/2024		<1	<1	<1	<1	<1
Toluene	108-88-3	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
Toluene	108-88-3	ug/L	2/25/2025						<1.00
Toluene	108-88-3	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Toluene	108-88-3	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Toluene	108-88-3	ug/L	5/4/2026						<1.00
Toluene	108-88-3	ug/L	5/4/2026		<1.00				
Toluene	108-88-3	ug/L	5/4/2026			<1.00			
Toluene	108-88-3	ug/L	5/4/2026				<1.00		
Toluene	108-88-3	ug/L	5/4/2026					<1.00	
Total Suspended Solids	STL00161	mg/L	10/11/2024		4570	83.0	158	566	<1.88
Total Suspended Solids	STL00161	mg/L	2/25/2025						<1.88
Total Suspended Solids	STL00161	mg/L	4/30/2025		2110	1170	70.0	3.25	2.13
Total Suspended Solids	STL00161	mg/L	10/22/2025		4.38	4.62	<1.88	<1.88	<1.88
Total Suspended Solids	STL00161	mg/L	2/17/2026					<5.00	
Total Suspended Solids	STL00161	mg/L	2/17/2026						<5.00
Total Suspended Solids	STL00161	mg/L	5/4/2026						<1.88
Total Suspended Solids	STL00161	mg/L	5/4/2026		8.60				
Total Suspended Solids	STL00161	mg/L	5/4/2026			3.63			
Total Suspended Solids	STL00161	mg/L	5/4/2026				35.0		
Total Suspended Solids	STL00161	mg/L	5/4/2026					<1.88	
Total Suspended Solids	TSS	mg/L	10/5/2015			180000			
Total Suspended Solids	TSS	mg/L	4/4/2016			1.25J			
Total Suspended Solids	TSS	mg/L	10/17/2016		0.75J				
Total Suspended Solids	TSS	mg/L	4/17/2017					7.67	
Total Suspended Solids	TSS	mg/L	10/11/2017		53.3	23.9	31.1	39.8	
Total Suspended Solids	TSS	mg/L	3/15/2018		60.8	31	42.3	15.8	
Total Suspended Solids	TSS	mg/L	4/26/2018		28.3	31.3	211	2.38	
Total Suspended Solids	TSS	mg/L	10/16/2018		208	342	175	122	

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Total Suspended Solids	TSS	mg/L	4/16/2019		7	4.33J	25	0.875J	
Total Suspended Solids	TSS	mg/L	10/1/2019		0.875J	7	21.5	0.75J	
Total Suspended Solids	TSS	mg/L	3/30/2020		4.25	13J	21	<1.88	
Total Suspended Solids	TSS	mg/L	10/7/2020		104	80	160	1.13J	
Total Suspended Solids	TSS	mg/L	4/13/2021		<2	25	29	5	
Total Suspended Solids	TSS	mg/L	10/20/2021		4	4	65	<1	
Total Suspended Solids	TSS	mg/L	5/2/2022		75	50	57	<2	
Total Suspended Solids	TSS	mg/L	5/1/2023		24.6	1.38J	11	4.62	
Total Suspended Solids	TSS	mg/L	10/16/2023		16	29	43	12.5	3.75
Total Suspended Solids	TSS	mg/L	12/20/2023						4.33J
Total Suspended Solids	TSS	mg/L	3/20/2024						4
Total Suspended Solids	TSS	mg/L	4/29/2024		31.3	12.9	58	<1.88	18.5
Toxaphene	8001-35-2	ug/L	5/10/2010	<2	<2	<2			
Trichloroethene	79-01-6	ug/L	4/14/2009	<1	<1	<1			
Trichloroethene	79-01-6	ug/L	7/7/2009		<1	<1			
Trichloroethene	79-01-6	ug/L	9/2/2009		<1	<1			
Trichloroethene	79-01-6	ug/L	10/25/2009	<1	<1	<1			
Trichloroethene	79-01-6	ug/L	3/3/2010	<1	<1	<1			
Trichloroethene	79-01-6	ug/L	5/10/2010	<1	<1	<1			
Trichloroethene	79-01-6	ug/L	7/8/2011		<1	<1			
Trichloroethene	79-01-6	ug/L	8/11/2011		<1	<1			
Trichloroethene	79-01-6	ug/L	10/13/2011		<1	<1			
Trichloroethene	79-01-6	ug/L	4/11/2012		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	8/1/2012		<1	<1			
Trichloroethene	79-01-6	ug/L	10/11/2012			<1			
Trichloroethene	79-01-6	ug/L	12/13/2012				<25		
Trichloroethene	79-01-6	ug/L	3/30/2013	<1			<1		
Trichloroethene	79-01-6	ug/L	10/5/2015			<10			
Trichloroethene	79-01-6	ug/L	4/4/2016			<1			
Trichloroethene	79-01-6	ug/L	10/17/2016		<1				
Trichloroethene	79-01-6	ug/L	4/17/2017					<1	
Trichloroethene	79-01-6	ug/L	10/11/2017		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	3/15/2018		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	4/26/2018		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	10/16/2018		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	4/16/2019		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	10/1/2019		0.443J	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	3/30/2020		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	10/7/2020		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	4/13/2021		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	10/20/2021		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	5/2/2022		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	5/1/2023		<1	<1	<1	<1	
Trichloroethene	79-01-6	ug/L	8/1/2023			<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/16/2023		<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	12/20/2023						<1
Trichloroethene	79-01-6	ug/L	3/20/2024						<1
Trichloroethene	79-01-6	ug/L	4/29/2024		<1	<1	<1	<1	<1
Trichloroethene	79-01-6	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene	79-01-6	ug/L	2/25/2025						<1.00
Trichloroethene	79-01-6	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene	79-01-6	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene	79-01-6	ug/L	5/4/2026						<1.00
Trichloroethene	79-01-6	ug/L	5/4/2026		<1.00				
Trichloroethene	79-01-6	ug/L	5/4/2026			<1.00			
Trichloroethene	79-01-6	ug/L	5/4/2026				<1.00		
Trichloroethene	79-01-6	ug/L	5/4/2026					<1.00	
Trichlorofluoromethane	75-69-4	ug/L	4/14/2009	<4	<4	<4			

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Trichlorofluoromethane	75-69-4	ug/L	7/7/2009		<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	9/2/2009		<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	10/25/2009	<4	<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	3/3/2010	<4	<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	5/10/2010	<4	<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	7/8/2011		<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	8/11/2011		<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	10/13/2011		<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	4/11/2012		<4	<4	<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	8/1/2012		<4	<4			
Trichlorofluoromethane	75-69-4	ug/L	10/11/2012			<4			
Trichlorofluoromethane	75-69-4	ug/L	12/13/2012				<100		
Trichlorofluoromethane	75-69-4	ug/L	3/30/2013	<4			<4		
Trichlorofluoromethane	75-69-4	ug/L	10/5/2015			<40			
Trichlorofluoromethane	75-69-4	ug/L	4/4/2016			<4			
Trichlorofluoromethane	75-69-4	ug/L	10/17/2016		<4				
Trichlorofluoromethane	75-69-4	ug/L	4/17/2017					<4	
Trichlorofluoromethane	75-69-4	ug/L	10/11/2017		<4	<4	<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	3/15/2018		<4	<4	<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	4/26/2018		<4	<4	<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	10/16/2018		<4	<4	<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	4/16/2019		<4	<4	<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	10/1/2019		<4	<4	<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	3/30/2020		<4	<4	<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	10/7/2020		<4	<4	<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	4/13/2021		<1	<1	<1	<1	
Trichlorofluoromethane	75-69-4	ug/L	10/20/2021		<1	<1	<1	<1	
Trichlorofluoromethane	75-69-4	ug/L	5/2/2022		<1	<1	<1	<1	
Trichlorofluoromethane	75-69-4	ug/L	5/1/2023		<4	<4	<4	<4	
Trichlorofluoromethane	75-69-4	ug/L	8/1/2023			<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/16/2023		<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	12/20/2023						<4
Trichlorofluoromethane	75-69-4	ug/L	3/20/2024						<4
Trichlorofluoromethane	75-69-4	ug/L	4/29/2024		<4	<4	<4	<4	<4
Trichlorofluoromethane	75-69-4	ug/L	10/11/2024		<4.00	<4.00	<4.00	<4.00	<4.00
Trichlorofluoromethane	75-69-4	ug/L	2/25/2025						<4.00
Trichlorofluoromethane	75-69-4	ug/L	4/30/2025		<4.00	<4.00	<4.00	<4.00	<4.00
Trichlorofluoromethane	75-69-4	ug/L	10/22/2025		<4.00	<4.00	<4.00	<4.00	<4.00
Trichlorofluoromethane	75-69-4	ug/L	5/4/2026						<4.00
Trichlorofluoromethane	75-69-4	ug/L	5/4/2026		<4.00				
Trichlorofluoromethane	75-69-4	ug/L	5/4/2026			<4.00			
Trichlorofluoromethane	75-69-4	ug/L	5/4/2026				<4.00		
Trichlorofluoromethane	75-69-4	ug/L	5/4/2026					<4.00	
Vanadium	7440-62-2	mg/L	4/14/2009	<0.05	<0.05	<0.05			
Vanadium	7440-62-2	mg/L	7/7/2009		<0.05	<0.05			
Vanadium	7440-62-2	mg/L	9/2/2009		<0.05	<0.05			
Vanadium	7440-62-2	mg/L	10/25/2009	<0.05	<0.05	<0.05			
Vanadium	7440-62-2	mg/L	3/3/2010	<0.05	<0.05	<0.05			
Vanadium	7440-62-2	mg/L	5/10/2010	<0.05	<0.05	<0.05			
Vanadium	7440-62-2	mg/L	7/8/2011		<0.05	<0.05			
Vanadium	7440-62-2	mg/L	8/11/2011		<0.05	<0.05			
Vanadium	7440-62-2	mg/L	10/13/2011		<0.05	<0.05			
Vanadium	7440-62-2	mg/L	4/11/2012		<0.05	<0.05	<0.05	<0.05	
Vanadium	7440-62-2	mg/L	8/1/2012		<0.05	<0.05			
Vanadium	7440-62-2	mg/L	10/11/2012			<0.05			
Vanadium	7440-62-2	mg/L	12/13/2012				<0.05		
Vanadium	7440-62-2	mg/L	3/30/2013	<0.05			<0.05		
Vanadium	7440-62-2	mg/L	10/5/2015			0.000598J			

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Vanadium	7440-62-2	mg/L	4/4/2016			<0.005			
Vanadium	7440-62-2	mg/L	10/17/2016		<0.005				
Vanadium	7440-62-2	mg/L	4/17/2017					<0.005	
Vanadium	7440-62-2	mg/L	10/11/2017		0.00114J	<0.005	<0.005	0.00142J	
Vanadium	7440-62-2	mg/L	3/15/2018		0.0015J	<0.005	<0.005	<0.005	
Vanadium	7440-62-2	mg/L	4/26/2018		0.00195J	<0.005	<0.005	<0.02	
Vanadium	7440-62-2	mg/L	10/16/2018		0.0213	0.0244	0.0128	0.0144	
Vanadium	7440-62-2	mg/L	4/16/2019		<0.005	<0.005	<0.005	<0.005	
Vanadium	7440-62-2	mg/L	10/1/2019		<0.005	<0.005	<0.005	<0.005	
Vanadium	7440-62-2	mg/L	3/30/2020		<0.005	<0.005	<0.005	<0.005	
Vanadium	7440-62-2	mg/L	10/7/2020		<0.005	0.00129	0.128	<0.005	
Vanadium	7440-62-2	mg/L	4/13/2021		<0.02	<0.02	<0.02	<0.02	
Vanadium	7440-62-2	mg/L	10/20/2021		<0.02	<0.02	<0.02	<0.02	
Vanadium	7440-62-2	mg/L	5/2/2022		<0.02	<0.02	<0.02	<0.02	
Vanadium	7440-62-2	mg/L	5/1/2023		<0.005	<0.005	<0.005	<0.005	
Vanadium	7440-62-2	mg/L	10/16/2023		0.00595	<0.005	<0.005	0.00899	<0.005
Vanadium	7440-62-2	mg/L	12/20/2023						<0.005
Vanadium	7440-62-2	mg/L	3/20/2024						<0.005
Vanadium	7440-62-2	mg/L	4/29/2024		<0.005	<0.005	<0.005	<0.005	<0.005
Vanadium	7440-62-2	mg/L	10/11/2024		0.0210	0.00121	0.00703	0.00827	<0.00500
Vanadium	7440-62-2	mg/L	2/25/2025						0.00339J
Vanadium	7440-62-2	mg/L	4/30/2025		0.0220	0.0258	<0.00500	<0.00500	<0.00500
Vanadium	7440-62-2	mg/L	10/22/2025		<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
Vanadium	7440-62-2	mg/L	5/4/2026						0.000112
Vanadium	7440-62-2	mg/L	5/4/2026		0.0000990				
Vanadium	7440-62-2	mg/L	5/4/2026			<0.000270			
Vanadium	7440-62-2	mg/L	5/4/2026				0.000244		
Vanadium	7440-62-2	mg/L	5/4/2026					0.000145	
Vinyl Acetate	108-05-4	ug/L	4/14/2009	<2	<2	<2			
Vinyl Acetate	108-05-4	ug/L	7/7/2009		<2	<2			
Vinyl Acetate	108-05-4	ug/L	9/2/2009		<2	<2			
Vinyl Acetate	108-05-4	ug/L	10/25/2009	<2	<2	<2			
Vinyl Acetate	108-05-4	ug/L	3/3/2010	<2	<2	<2			
Vinyl Acetate	108-05-4	ug/L	5/10/2010	<2	<2	<2			
Vinyl Acetate	108-05-4	ug/L	7/8/2011		<2	<2			
Vinyl Acetate	108-05-4	ug/L	8/11/2011		<2	<2			
Vinyl Acetate	108-05-4	ug/L	10/13/2011		<2	<2			
Vinyl Acetate	108-05-4	ug/L	4/11/2012		<20	<20	<20	<20	
Vinyl Acetate	108-05-4	ug/L	8/1/2012		<4	<4			
Vinyl Acetate	108-05-4	ug/L	10/11/2012			<10			
Vinyl Acetate	108-05-4	ug/L	12/13/2012				<50		
Vinyl Acetate	108-05-4	ug/L	3/30/2013	<2			<2		
Vinyl Acetate	108-05-4	ug/L	10/5/2015			<100			
Vinyl Acetate	108-05-4	ug/L	4/4/2016			<10			
Vinyl Acetate	108-05-4	ug/L	10/17/2016		<10				
Vinyl Acetate	108-05-4	ug/L	4/17/2017					<10	
Vinyl Acetate	108-05-4	ug/L	10/11/2017		<10	<10	<10	<10	
Vinyl Acetate	108-05-4	ug/L	3/15/2018		<10	<10	<10	<10	
Vinyl Acetate	108-05-4	ug/L	4/26/2018		<10	<10	<10	<10	
Vinyl Acetate	108-05-4	ug/L	10/16/2018		<10	<10	<10	<10	
Vinyl Acetate	108-05-4	ug/L	4/16/2019		<10	<10	<10	<10	
Vinyl Acetate	108-05-4	ug/L	10/1/2019		<10	<10	<10	<10	
Vinyl Acetate	108-05-4	ug/L	3/30/2020		<10	<10	<10	<10	
Vinyl Acetate	108-05-4	ug/L	10/7/2020		<10	<10	<10	<10	
Vinyl Acetate	108-05-4	ug/L	4/13/2021		<5	<5	<5	<5	
Vinyl Acetate	108-05-4	ug/L	10/20/2021		<5	<5	<5	<5	
Vinyl Acetate	108-05-4	ug/L	5/2/2022		<5	<5	<5	<5	
Vinyl Acetate	108-05-4	ug/L	5/1/2023		<10	<10	<10	<10	

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Vinyl Acetate	108-05-4	ug/L	8/1/2023			<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	10/16/2023		<10	<10	<10	<10	<10
Vinyl Acetate	108-05-4	ug/L	12/20/2023						<10
Vinyl Acetate	108-05-4	ug/L	3/20/2024						<10
Vinyl Acetate	108-05-4	ug/L	4/29/2024		<10	<10	<10	<10	<10
Vinyl Chloride	75-01-4	ug/L	4/14/2009	<1	<1	<1			
Vinyl Chloride	75-01-4	ug/L	7/7/2009		<1	<1			
Vinyl Chloride	75-01-4	ug/L	9/2/2009		<1	<1			
Vinyl Chloride	75-01-4	ug/L	10/25/2009	<1	<1	<1			
Vinyl Chloride	75-01-4	ug/L	3/3/2010	<1	<1	<1			
Vinyl Chloride	75-01-4	ug/L	5/10/2010	<1	<1	<1			
Vinyl Chloride	75-01-4	ug/L	7/8/2011		<1	<1			
Vinyl Chloride	75-01-4	ug/L	8/11/2011		<1	<1			
Vinyl Chloride	75-01-4	ug/L	10/13/2011		<1	<1			
Vinyl Chloride	75-01-4	ug/L	4/11/2012		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	8/1/2012		<1	<1			
Vinyl Chloride	75-01-4	ug/L	10/11/2012			<1			
Vinyl Chloride	75-01-4	ug/L	12/13/2012				<25		
Vinyl Chloride	75-01-4	ug/L	3/30/2013	<1			<1		
Vinyl Chloride	75-01-4	ug/L	10/5/2015			<10			
Vinyl Chloride	75-01-4	ug/L	4/4/2016			<1			
Vinyl Chloride	75-01-4	ug/L	10/17/2016		<1				
Vinyl Chloride	75-01-4	ug/L	4/17/2017					<1	
Vinyl Chloride	75-01-4	ug/L	10/11/2017		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	3/15/2018		<1	<1	0.185J	<1	
Vinyl Chloride	75-01-4	ug/L	4/26/2018		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	10/16/2018		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	4/16/2019		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	10/1/2019		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	3/30/2020		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	10/7/2020		<1	0.233	<1	<1	
Vinyl Chloride	75-01-4	ug/L	4/13/2021		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	10/20/2021		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	5/2/2022		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	5/1/2023		<1	<1	<1	<1	
Vinyl Chloride	75-01-4	ug/L	8/1/2023			<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	10/16/2023		<1	<1	<1	<1	<1
Vinyl Chloride	75-01-4	ug/L	12/20/2023						<1
Vinyl Chloride	75-01-4	ug/L	3/20/2024						<1
Vinyl Chloride	75-01-4	ug/L	4/29/2024		<1	<1	<1	<1	<1
Vinyl acetate	108-05-4	ug/L	10/11/2024		<10.0	<10.0	<10.0	<10.0	<10.0
Vinyl acetate	108-05-4	ug/L	2/25/2025						<10.0
Vinyl acetate	108-05-4	ug/L	4/30/2025		<10.0	<10.0	<10.0	<10.0	<10.0
Vinyl acetate	108-05-4	ug/L	10/22/2025		<10.0	<10.0	<10.0	<10.0	<10.0
Vinyl acetate	108-05-4	ug/L	5/4/2026						<10.0
Vinyl acetate	108-05-4	ug/L	5/4/2026		<10.0				
Vinyl acetate	108-05-4	ug/L	5/4/2026			<10.0			
Vinyl acetate	108-05-4	ug/L	5/4/2026				<10.0		
Vinyl acetate	108-05-4	ug/L	5/4/2026					<10.0	
Vinyl chloride	75-01-4	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
Vinyl chloride	75-01-4	ug/L	2/25/2025						<1.00
Vinyl chloride	75-01-4	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Vinyl chloride	75-01-4	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
Vinyl chloride	75-01-4	ug/L	5/4/2026						<1.00
Vinyl chloride	75-01-4	ug/L	5/4/2026		<1.00				
Vinyl chloride	75-01-4	ug/L	5/4/2026			<1.00			
Vinyl chloride	75-01-4	ug/L	5/4/2026				<1.00		
Vinyl chloride	75-01-4	ug/L	5/4/2026					<1.00	

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Xylenes	1330-20-7	ug/L	4/14/2009	<3	<3	<3			
Xylenes	1330-20-7	ug/L	7/7/2009		<3	<3			
Xylenes	1330-20-7	ug/L	9/2/2009		<3	<3			
Xylenes	1330-20-7	ug/L	10/25/2009	<6	<6	<6			
Xylenes	1330-20-7	ug/L	3/3/2010	<3	<3	<3			
Xylenes	1330-20-7	ug/L	5/10/2010	<12	<12	<12			
Xylenes	1330-20-7	ug/L	7/8/2011		<3	<3			
Xylenes	1330-20-7	ug/L	8/11/2011		<3	<3			
Xylenes	1330-20-7	ug/L	10/13/2011		<3	<3			
Xylenes	1330-20-7	ug/L	4/11/2012		<3	<3	<3	<3	
Xylenes	1330-20-7	ug/L	8/1/2012		<3	5.57			
Xylenes	1330-20-7	ug/L	10/11/2012			<3			
Xylenes	1330-20-7	ug/L	12/13/2012				350		
Xylenes	1330-20-7	ug/L	3/30/2013	<3			67.1		
Xylenes	1330-20-7	ug/L	10/5/2015			34.5			
Xylenes	1330-20-7	ug/L	4/4/2016			<3			
Xylenes	1330-20-7	ug/L	10/17/2016		<3				
Xylenes	1330-20-7	ug/L	4/17/2017					<3	
Xylenes	1330-20-7	ug/L	10/11/2017		<3	<3	<3	<3	
Xylenes	1330-20-7	ug/L	3/15/2018		<3	<3	<3	<3	
Xylenes	1330-20-7	ug/L	4/26/2018		<3	<3	<3	<3	
Xylenes	1330-20-7	ug/L	10/16/2018		<3	<3	<3	<3	
Xylenes	1330-20-7	ug/L	4/16/2019		<3	<3	<3	<3	
Xylenes	1330-20-7	ug/L	10/1/2019		<3	<3	<3	<3	
Xylenes	1330-20-7	ug/L	3/30/2020		<3	<3	<3	<3	
Xylenes	1330-20-7	ug/L	10/7/2020		<3	<3	0.555	0.484J	
Xylenes	1330-20-7	ug/L	4/13/2021		<2	<2	<2	<2	
Xylenes	1330-20-7	ug/L	10/20/2021		<2	<2	<2	<2	
Xylenes	1330-20-7	ug/L	5/2/2022		<2	<2	<2	<2	
Xylenes	1330-20-7	ug/L	5/1/2023		<3	<3	<3	<3	
Xylenes	1330-20-7	ug/L	8/1/2023			<3	<3	<3	<3
Xylenes	1330-20-7	ug/L	10/16/2023		<3	<3	<3	<3	<3
Xylenes	1330-20-7	ug/L	12/20/2023						<3
Xylenes	1330-20-7	ug/L	3/20/2024						<3
Xylenes	1330-20-7	ug/L	4/29/2024		<3	<3	<3	<3	<3
Xylenes, Total	1330-20-7	ug/L	10/11/2024		<3.00	<3.00	<3.00	<3.00	<3.00
Xylenes, Total	1330-20-7	ug/L	2/25/2025						<3.00
Xylenes, Total	1330-20-7	ug/L	4/30/2025		<3.00	<3.00	<3.00	<3.00	<3.00
Xylenes, Total	1330-20-7	ug/L	10/22/2025		<3.00	<3.00	<3.00	<3.00	<3.00
Xylenes, Total	1330-20-7	ug/L	5/4/2026						<3.00
Xylenes, Total	1330-20-7	ug/L	5/4/2026		<3.00				
Xylenes, Total	1330-20-7	ug/L	5/4/2026			<3.00			
Xylenes, Total	1330-20-7	ug/L	5/4/2026				<3.00		
Xylenes, Total	1330-20-7	ug/L	5/4/2026					<3.00	
Zinc	7440-66-6	mg/L	4/14/2009	<0.1	<0.1	<0.1			
Zinc	7440-66-6	mg/L	7/7/2009		<0.1	<0.1			
Zinc	7440-66-6	mg/L	9/2/2009		<0.1	<0.1			
Zinc	7440-66-6	mg/L	10/25/2009	<0.1	<0.1	<0.1			
Zinc	7440-66-6	mg/L	3/3/2010	<0.1	<0.1	<0.1			
Zinc	7440-66-6	mg/L	5/10/2010	0.0287	0.0253	0.022			
Zinc	7440-66-6	mg/L	7/8/2010	<0.1	<0.1	<0.1			
Zinc	7440-66-6	mg/L	7/8/2011		<0.1	<0.1			
Zinc	7440-66-6	mg/L	8/11/2011		<0.1				
Zinc	7440-66-6	mg/L	10/13/2011		<0.02	<0.02			
Zinc	7440-66-6	mg/L	4/11/2012		<0.02	<0.02	<0.02	<0.02	
Zinc	7440-66-6	mg/L	8/1/2012		0.0335	<0.02			
Zinc	7440-66-6	mg/L	10/11/2012			<0.02			
Zinc	7440-66-6	mg/L	12/13/2012				0.258		

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Iowa City Sanitary Landfill
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
Zinc	7440-66-6	mg/L	3/30/2013	0.0567			0.861		
Zinc	7440-66-6	mg/L	10/5/2015			0.0822			
Zinc	7440-66-6	mg/L	4/4/2016			<0.01			
Zinc	7440-66-6	mg/L	10/17/2016		<0.01				
Zinc	7440-66-6	mg/L	4/17/2017					<0.02	
Zinc	7440-66-6	mg/L	10/11/2017		<0.02	<0.02	<0.02	0.0128J	
Zinc	7440-66-6	mg/L	3/15/2018		<0.02	<0.02	<0.02	<0.02	
Zinc	7440-66-6	mg/L	4/26/2018		<0.02	<0.02	<0.02	<0.08	
Zinc	7440-66-6	mg/L	10/16/2018		0.0315	0.0307	0.0174J	0.0131J	
Zinc	7440-66-6	mg/L	4/16/2019		<0.02	<0.02	<0.02	<0.02	
Zinc	7440-66-6	mg/L	10/1/2019		<0.02	<0.02	<0.02	<0.02	
Zinc	7440-66-6	mg/L	3/30/2020		<0.02	<0.02	<0.02	<0.02	
Zinc	7440-66-6	mg/L	10/7/2020		<0.02	<0.02	0.419	<0.02	
Zinc	7440-66-6	mg/L	4/13/2021		<0.02	<0.02	<0.02	<0.02	
Zinc	7440-66-6	mg/L	10/20/2021		<0.02	<0.02	<0.02	<0.02	
Zinc	7440-66-6	mg/L	5/2/2022		<0.02	<0.02	<0.02	<0.02	
Zinc	7440-66-6	mg/L	5/1/2023		<0.02	0.0104J	<0.02	<0.02	
Zinc	7440-66-6	mg/L	10/16/2023		0.00788J	0.00794J	<0.02	0.014J	<0.02
Zinc	7440-66-6	mg/L	12/20/2023						<0.02
Zinc	7440-66-6	mg/L	3/20/2024						<0.02
Zinc	7440-66-6	mg/L	4/29/2024		<0.02	<0.02	<0.02	<0.02	<0.02
Zinc	7440-66-6	mg/L	10/11/2024		0.0291	<0.0200	0.0115J	0.0172J	<0.0200
Zinc	7440-66-6	mg/L	2/25/2025						0.0186J
Zinc	7440-66-6	mg/L	4/30/2025		0.0304	0.0413	<0.0200	<0.0200	<0.0200
Zinc	7440-66-6	mg/L	10/22/2025		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Zinc	7440-66-6	mg/L	5/4/2026						<0.0200
Zinc	7440-66-6	mg/L	5/4/2026		<0.0200				
Zinc	7440-66-6	mg/L	5/4/2026			<0.0200			
Zinc	7440-66-6	mg/L	5/4/2026				<0.0200		
Zinc	7440-66-6	mg/L	5/4/2026					<0.0200	
cis-1,2-Dichloroethene	156-59-2	ug/L	4/14/2009	<1	<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	7/7/2009		<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	9/2/2009		<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	10/25/2009	<1	<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	3/3/2010	<1	<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	5/10/2010	<1	<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	7/8/2011		<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	8/11/2011		<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	10/13/2011		<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	4/11/2012		<1	<1	<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	8/1/2012		<1	<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2012			<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	12/13/2012				<25		
cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2013	<1			<1		
cis-1,2-Dichloroethene	156-59-2	ug/L	10/5/2015			<10			
cis-1,2-Dichloroethene	156-59-2	ug/L	4/4/2016			<1			
cis-1,2-Dichloroethene	156-59-2	ug/L	10/17/2016		<1				
cis-1,2-Dichloroethene	156-59-2	ug/L	4/17/2017					<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2017		<1	<1	0.142J	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	3/15/2018		<1	<1	0.229J	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	4/26/2018		<1	<1	<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2018		<1	<1	<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	4/16/2019		<1	<1	<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	10/1/2019		<1	<1	<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	3/30/2020		<1	<1	<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	10/7/2020		<1	<1	<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	4/13/2021		<1	<1	<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	10/20/2021		<1	<1	<1	<1	

Table 9B
Analytical Data Summary - Groundwater Underdrains
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
cis-1,2-Dichloroethene	156-59-2	ug/L	5/2/2022		<1	<1	<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	5/1/2023		<1	<1	<1	<1	
cis-1,2-Dichloroethene	156-59-2	ug/L	8/1/2023			<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/16/2023		<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	12/20/2023						<1
cis-1,2-Dichloroethene	156-59-2	ug/L	3/20/2024						<1
cis-1,2-Dichloroethene	156-59-2	ug/L	4/29/2024		<1	<1	<1	<1	<1
cis-1,2-Dichloroethene	156-59-2	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	2/25/2025						<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	5/4/2026						<1.00
cis-1,2-Dichloroethene	156-59-2	ug/L	5/4/2026		<1.00				
cis-1,2-Dichloroethene	156-59-2	ug/L	5/4/2026			<1.00			
cis-1,2-Dichloroethene	156-59-2	ug/L	5/4/2026				<1.00		
cis-1,2-Dichloroethene	156-59-2	ug/L	5/4/2026					<1.00	
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/14/2009	<5	<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/7/2009		<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	9/2/2009		<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/25/2009	<5	<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/3/2010	<5	<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/10/2010	<5	<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	7/8/2011		<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	8/11/2011		<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/13/2011		<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/11/2012		<5	<5	<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	8/1/2012		<5	<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2012			<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	12/13/2012				<125		
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2013	<5			<5		
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/5/2015			<50			
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/4/2016			<5			
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/17/2016		<5				
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/17/2017					<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2017		<5	<5	<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/15/2018		<5	<5	<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/26/2018		<5	<5	<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2018		<5	<5	<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/16/2019		<5	<5	<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/1/2019		<5	<5	<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/30/2020		<5	<5	<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/7/2020		<5	<5	<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/13/2021		<1	<1	<1	<1	
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/20/2021		<1	<1	<1	<1	
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/2/2022		<1	<1	<1	<1	
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/1/2023		<5	<5	<5	<5	
cis-1,3-Dichloropropene	10061-01-5	ug/L	8/1/2023			<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/16/2023		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	12/20/2023						<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	3/20/2024						<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/29/2024		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/11/2024		<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	2/25/2025						<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	4/30/2025		<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	10/22/2025		<5.00	<5.00	<5.00	<5.00	<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/4/2026						<5.00
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/4/2026		<5.00				
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/4/2026			<5.00			

Table 9B
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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/4/2026				<5.00		
cis-1,3-Dichloropropene	10061-01-5	ug/L	5/4/2026					<5.00	
m/p-Cresol	T-34MP	ug/L	5/10/2010	<10	<10	<10			
p-Chloroaniline	106-47-8	ug/L	5/10/2010	<10	<10	<10			
trans-1,2-Dichloroethene	156-60-5	ug/L	4/14/2009	<1	<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	7/7/2009		<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	9/2/2009		<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	10/25/2009	<1	<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	3/3/2010	<1	<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	5/10/2010	<1	<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	7/8/2011		<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	8/11/2011		<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	10/13/2011		<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	4/11/2012		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	8/1/2012		<1	<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2012			<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	12/13/2012				<25		
trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2013	<1			<1		
trans-1,2-Dichloroethene	156-60-5	ug/L	10/5/2015			<10			
trans-1,2-Dichloroethene	156-60-5	ug/L	4/4/2016			<1			
trans-1,2-Dichloroethene	156-60-5	ug/L	10/17/2016		<1				
trans-1,2-Dichloroethene	156-60-5	ug/L	4/17/2017					<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2017		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	3/15/2018		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	4/26/2018		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2018		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	4/16/2019		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	10/1/2019		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	3/30/2020		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	10/7/2020		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	4/13/2021		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	10/20/2021		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	5/2/2022		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	5/1/2023		<1	<1	<1	<1	
trans-1,2-Dichloroethene	156-60-5	ug/L	8/1/2023			<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/16/2023		<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	12/20/2023						<1
trans-1,2-Dichloroethene	156-60-5	ug/L	3/20/2024						<1
trans-1,2-Dichloroethene	156-60-5	ug/L	4/29/2024		<1	<1	<1	<1	<1
trans-1,2-Dichloroethene	156-60-5	ug/L	10/11/2024		<1.00	<1.00	<1.00	<1.00	<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	2/25/2025						<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	4/30/2025		<1.00	<1.00	<1.00	<1.00	<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	10/22/2025		<1.00	<1.00	<1.00	<1.00	<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	5/4/2026						<1.00
trans-1,2-Dichloroethene	156-60-5	ug/L	5/4/2026		<1.00				
trans-1,2-Dichloroethene	156-60-5	ug/L	5/4/2026			<1.00			
trans-1,2-Dichloroethene	156-60-5	ug/L	5/4/2026				<1.00		
trans-1,2-Dichloroethene	156-60-5	ug/L	5/4/2026					<1.00	
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/14/2009	<5	<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/7/2009		<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	9/2/2009		<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/25/2009	<5	<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/3/2010	<5	<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/10/2010	<5	<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	7/8/2011		<10	<10			
trans-1,3-Dichloropropene	10061-02-6	ug/L	8/11/2011		<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/13/2011		<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/11/2012		<5	<5	<5	<5	

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Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
trans-1,3-Dichloropropene	10061-02-6	ug/L	8/1/2012		<5	<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2012			<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	12/13/2012				<125		
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2013	<5			<5		
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/5/2015			<50			
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/4/2016			<5			
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/17/2016		<5				
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/17/2017					<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2017		<5	<5	<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/15/2018		<5	<5	<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/26/2018		<5	<5	<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2018		<5	<5	<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/16/2019		<5	<5	<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/1/2019		<5	<5	<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/30/2020		<5	<5	<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/7/2020		<5	<5	<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/13/2021		<1	<1	<1	<1	
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/20/2021		0.4J	<1	<1	<1	
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/2/2022		<1	<1	<1	<1	
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/1/2023		<5	<5	<5	<5	
trans-1,3-Dichloropropene	10061-02-6	ug/L	8/1/2023			<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/16/2023		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	12/20/2023						<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	3/20/2024						<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/29/2024		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/11/2024		<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	2/25/2025						<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	4/30/2025		<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	10/22/2025		<5.00	<5.00	<5.00	<5.00	<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/4/2026						<5.00
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/4/2026		<5.00				
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/4/2026			<5.00			
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/4/2026				<5.00		
trans-1,3-Dichloropropene	10061-02-6	ug/L	5/4/2026					<5.00	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/14/2009	<10	<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/7/2009		<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	9/2/2009		<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/25/2009	<10	<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/3/2010	<10	<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/10/2010	<10	<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	7/8/2011		<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/11/2011		<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/13/2011		<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/11/2012		<20	<20	<20	<20	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/1/2012		<10	<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/11/2012			<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/13/2012				<250		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2013	<10			<10		
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/5/2015			<100			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/4/2016			<10			
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/17/2016		<10				
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/17/2017					<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/11/2017		<10	<10	<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/15/2018		<10	<10	<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/26/2018		<10	<10	<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/16/2018		<10	<10	<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/16/2019		<10	<10	<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/1/2019		<10	<10	<10	<10	

Table 9B
Analytical Data Summary - Groundwater Underdrains
2026 Spring Statistical Report
Iowa City Sanitary Landfill
Permit No. 52-SDP-01-72P

Constituent	CAS	Units	Date	ST-1	WT-1	WT-2	WT-3	WT-4	WT-OF
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/30/2020		<10	<10	<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/7/2020		<10	<10	<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/13/2021		<5	<5	<5	<5	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/20/2021		<5	<5	<5	<5	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/2/2022		<5	<5	<5	<5	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	5/1/2023		<10	<10	<10	<10	
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	8/1/2023			<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	10/16/2023		<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	12/20/2023						<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	3/20/2024						<10
trans-1,4-Dichloro-2-Butene	110-57-6	ug/L	4/29/2024		<10	<10	<10	<10	<10
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/11/2024		<10.0	<10.0	<10.0	<10.0	<10.0
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	2/25/2025						<10.0
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	4/30/2025		<10.0	<10.0	<10.0	<10.0	<10.0
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	10/22/2025		<10.0	<10.0	<10.0	<10.0	<10.0
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/4/2026						<10.0
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/4/2026		<10.0				
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/4/2026			<10.0			
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/4/2026				<10.0		
trans-1,4-Dichloro-2-butene	110-57-6	ug/L	5/4/2026					<10.0	

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